DAIKIN

EDRMT341773
201711

Engineering Data

RXQ6-20AYM
RXQ18-60AMYM

Cooling Only 50 / 60 Hz

R-410A

VRV A SERIES

1. Basic Information

1. Lineup

VRV A SERIES

Model name											Power supply
RXQ	6A	8A	10A	12A	14A	16A	18A	18AM	20A	20AM	YM
	22AM	24AM	26AM	28AM	30AM	32AM	34AM	36AM	38AM	40AM	
	42AM	44AM	46AM	48AM	50AM	52AM	54AM	56AM	58AM	60AM	
RXQ (for Thailand)	6A	8A	10A	12A	14A	16A	18A	18AM	20A	20AM	Y1S
	22AM	24AM	26AM	28AM	30AM	32AM	34AM	36AM	38AM	40AM	
	42AM	44AM	46AM	48AM	50AM	52AM	54AM	56AM	58AM	60AM	
RXQ (for Indonesia)	6A	8A	10A	12A	14A	16A	18A	18AM	20A	20AM	Y14
	22AM	24AM	26AM	28AM	30AM	32AM	34AM	36AM	38AM	40AM	
	42AM	44AM	46AM	48AM	50AM	52AM	54AM	56AM	58AM	60AM	

YM : 3 phase, 380-415/380 V, 50/60 Hz
Y1S : 3 phase, 380-415 V, 50 Hz (for Thailand)
Y14 : 3 phase, 380-415 V, 50 Hz (for Indonesia)

6, 8, 10, 12 HP

RXQ6AYM
RXQ8AYM
RXQ10AYM
RXQ12AYM

14, 16, 18, 20 HP

RXQ14AYM
RXQ16AYM
RXQ18AYM
RXQ20AYM

18, 20, 22, 24 HP

RXQ18AMYM
RXQ20AMYM
RXQ22AMYM
RXQ24AMYM

26, 28, 30 HP

RXQ26AMYM
RXQ28AMYM
RXQ30AMYM

32, 34, 36, 38, 40 HP

RXQ32AMYM
RXQ34AMYM
RXQ36AMYM
RXQ38AMYM
RXQ40AMYM

42, 44 HP

RXQ42AMYM
RXQ44AMYM

46, 48, 50, 52, 54, 56, 58, 60 HP

RXQ46AMYM
RXQ48AMYM
RXQ50AMYM
RXQ52AMYM
RXQ54AMYM
RXQ56AMYM
RXQ58AMYM
RXQ60AMYM

2. Combination

VRV A SERIES

Capacity range	6 HP	8 HP	10 HP	12 HP	14 HP	16 HP	18 HP	20 HP
Model name	**RXQ6A**	**RXQ8A**	**RXQ10A**	**RXQ12A**	**RXQ14A**	**RXQ16A**	**RXQ18A**	**RXQ20A**

Capacity range	18 HP	20 HP	22 HP	24 HP	26 HP	28 HP	30 HP	32 HP
Model name	**RXQ18AM**	**RXQ20AM**	**RXQ22AM**	**RXQ24AM**	**RXQ26AM**	**RXQ28AM**	**RXQ30AM**	**RXQ32AM**
Outdoor unit 1	RXQ8A	RXQ8A	RXQ10A	RXQ12A	RXQ12A	RXQ12A	RXQ12A	RXQ14A
Outdoor unit 2	RXQ10A	RXQ12A	RXQ12A	RXQ12A	RXQ14A	RXQ16A	RXQ18A	RXQ18A
Outdoor unit 3	–	–	–	–	–	–	–	–

Capacity range	34 HP	36 HP	38 HP	40 HP	42 HP	44 HP	46 HP	48 HP
Model name	**RXQ34AM**	**RXQ36AM**	**RXQ38AM**	**RXQ40AM**	**RXQ42AM**	**RXQ44AM**	**RXQ46AM**	**RXQ48AM**
Outdoor unit 1	RXQ16A	RXQ18A	RXQ18A	RXQ20A	RXQ12A	RXQ12A	RXQ14A	RXQ14A
Outdoor unit 2	RXQ18A	RXQ18A	RXQ20A	RXQ20A	RXQ12A	RXQ12A	RXQ14A	RXQ16A
Outdoor unit 3	–	–	–	–	RXQ18A	RXQ20A	RXQ18A	RXQ18A

Capacity range	50 HP	52 HP	54 HP	56 HP	58 HP	60 HP
Model name	**RXQ50AM**	**RXQ52AM**	**RXQ54AM**	**RXQ56AM**	**RXQ58AM**	**RXQ60AM**
Outdoor unit 1	RXQ14A	RXQ16A	RXQ18A	RXQ18A	RXQ18A	RXQ20A
Outdoor unit 2	RXQ18A	RXQ18A	RXQ18A	RXQ18A	RXQ20A	RXQ20A
Outdoor unit 3	RXQ18A	RXQ18A	RXQ18A	RXQ20A	RXQ20A	RXQ20A

System capacity		Number of units	Module								Outdoor unit multi connection piping kit ★1
kW	HP		6	8	10	12	14	16	18	20	
16.0	6	1	●								—
22.4	8	1		●							
28.0	10	1			●						
33.5	12	1				●					
40.0	14	1					●				
45.0	16	1						●			
50.0	18	1							●		
56.0	20	1								●	
50.4	18	2		●	●						BHFP22P100
55.9	20	2		●		●					
61.5	22	2			●	●					
67.0	24	2				●●					
73.5	26	2				●	●				
78.5	28	2				●		●			
83.5	30	2				●			●		
90.0	32	2					●		●		
95.0	34	2						●	●		
100	36	2							●●		
106	38	2							●	●	
112	40	2								●●	
117	42	3				●●			●		BHFP22P151
123	44	3				●●				●	
130	46	3					●●		●		
135	48	3					●	●	●		
140	50	3					●		●●		
145	52	3						●	●●		
150	54	3							●●●		
156	56	3							●●	●	
162	58	3							●	●●	
168	60	3								●●●	

Note:

★1. For multiple connection, the outdoor unit multi connection piping kit (separately sold) is required.

3. Capacity Range

3.1 For *VRV* Indoor Units Only

3.1.1 Combination Ratio

$$\text{Combination ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Type	Min. combination ratio	Max. combination ratio					
		Types of connected indoor units			Type of connected air treatment equipment		
					VKM	FXMQ-MF	
		FXDQ, FXSQ, FXMQ-PA, FXAQ, FXBQ, FXBPQ	Including FXFSQ25A, FXFQ25A and FXVQ at least one unit	Other indoor unit models	When VKM and indoor units are connected	When FXMQ-MF is only connected	When FXMQ-MF and indoor units are connected
Single outdoor units	50%	200%	130%	200%	130%	100%	100%*
Double outdoor units				160%			
Triple outdoor units				130%			

Note:

* When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%. Because connection is possible depending on conditions ever when the capacity index of FXMQ-MF exceeds 30% of the capacity index of the outdoor units, contact your local distributor.

Note:

When outdoor-air processing mode of FXVQ is selected, be sure to connect as follows:

HP	Indoor unit	Outdoor unit
5 HP	FXVQ125NY1 × 1	RXQ6AYM × 1
8 HP	FXVQ200NY1 × 1	RXQ8AYM × 1
10 HP	FXVQ250NY1 × 1	RXQ10AYM × 1
16 HP	FXVQ400NY1 × 1	RXQ16AYM × 1
20 HP	FXVQ500NY1 × 1 FXVQ500NY16 × 1	RXQ20AYM × 1

3.1.2 Outdoor Unit Combinations

kW	HP	Capacity index	Model name	Combination	Total capacity index of connectable indoor units *1 *2	Maximum number of connectable indoor units *1
16.0	**6 HP**	150	RXQ6A	RXQ6A	75 to 195 (300)	9 (15)
22.4	**8 HP**	200	RXQ8A	RXQ8A	100 to 260 (400)	13 (20)
28.0	**10 HP**	250	RXQ10A	RXQ10A	125 to 325 (500)	16 (25)
33.5	**12 HP**	300	RXQ12A	RXQ12A	150 to 390 (600)	19 (30)
40.0	**14 HP**	350	RXQ14A	RXQ14A	175 to 455 (700)	22 (35)
45.0	**16 HP**	400	RXQ16A	RXQ16A	200 to 520 (800)	26 (40)
50.0	**18 HP**	450	RXQ18A	RXQ18A	225 to 585 (900)	29 (45)
56.0	**20 HP**	500	RXQ20A	RXQ20A	250 to 650 (1,000)	32 (50)
50.4	**18 HP**	450	RXQ18AM	RXQ8A + RXQ10A	225 to 585 (720)	29 (36)
55.9	**20 HP**	500	RXQ20AM	RXQ8A + RXQ12A	250 to 650 (800)	32 (40)
61.5	**22 HP**	550	RXQ22AM	RXQ10A + RXQ12A	275 to 715 (880)	35 (44)
67.0	**24 HP**	600	RXQ24AM	RXQ12A × 2	300 to 780 (960)	39 (48)
73.5	**26 HP**	650	RXQ26AM	RXQ12A + RXQ14A	325 to 845 (1,040)	42 (52)
78.5	**28 HP**	700	RXQ28AM	RXQ12A + RXQ16A	350 to 910 (1,120)	45 (56)
83.5	**30 HP**	750	RXQ30AM	RXQ12A + RXQ18A	375 to 975 (1,200)	48 (60)
90.0	**32 HP**	800	RXQ32AM	RXQ14A + RXQ18A	400 to 1,040 (1,280)	52 (64)
95.0	**34 HP**	850	RXQ34AM	RXQ16A + RXQ18A	425 to 1,105 (1,360)	55 (64)
100	**36 HP**	900	RXQ36AM	RXQ18A × 2	450 to 1,170 (1,440)	58 (64)
106	**38 HP**	950	RXQ38AM	RXQ18A + RXQ20A	475 to 1,235 (1,520)	61 (64)
112	**40 HP**	1,000	RXQ40AM	RXQ20A × 2	500 to 1,300 (1,600)	64 (64)
117	**42 HP**	1,050	RXQ42AM	RXQ12A × 2 + RXQ18A	525 to 1,365 (1,365)	
123	**44 HP**	1,100	RXQ44AM	RXQ12A × 2 + RXQ20A	550 to 1,430 (1,430)	
130	**46 HP**	1,150	RXQ46AM	RXQ14A × 2 + RXQ18A	575 to 1,495 (1,495)	
135	**48 HP**	1,200	RXQ48AM	RXQ14A + RXQ16A + RXQ18A	600 to 1,560 (1,560)	
140	**50 HP**	1,250	RXQ50AM	RXQ14A + RXQ18A × 2	625 to 1,625 (1,625)	
145	**52 HP**	1,300	RXQ52AM	RXQ16A + RXQ18A × 2	650 to 1,690 (1,690)	
150	**54 HP**	1,350	RXQ54AM	RXQ18A × 3	675 to 1,755 (1,755)	
156	**56 HP**	1,400	RXQ56AM	RXQ18A × 2 + RXQ20A	700 to 1,820 (1,820)	
162	**58 HP**	1,450	RXQ58AM	RXQ18A + RXQ20A × 2	725 to 1,885 (1,885)	
168	**60 HP**	1,500	RXQ60AM	RXQ20A × 3	750 to 1,950 (1,950)	

Notes:

*1. Values inside brackets are based on connection of indoor units rated at maximum capacity, 200% for single outdoor units, 160% for double outdoor units, and 130% for triple outdoor units.

*2. When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.
Because connection is possible depending on conditions ever when the capacity index of FXMQ-MF exceeds 30% of the capacity index of the outdoor units, contact your local distributor.

3.2 For a System with Residential Indoor Units or *VRV* Mix Combination

3.2.1 Combination Ratio

$$\text{Combination ratio} = \frac{\text{Total capacity index of the indoor units}}{\text{Capacity index of the outdoor units}}$$

Type	Min. combination ratio	Max. combination ratio		
		Type of connected indoor units	Type of connected air treatment equipment	
			VKM	FXMQ-MF
		Residential indoor units or *VRV* mix combination	When VKM and indoor units are connected	When FXMQ-MF and indoor units are connected
Single outdoor units	50%	130%	130%	100% *1

Note:

*1. When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.
Because connection is possible depending on conditions ever when the capacity index of FXMQ-MF exceeds 30% of the capacity index of the outdoor units, contact your local distributor.

3.2.2 Outdoor Unit Combinations

kW	HP	Capacity index	Model name *1	Total capacity index of connectable indoor units *2			Maximum number of connectable indoor units
				Combination ratio (%)			
				50%	100%	130%	
16.0	**6**	150	RXQ6A	75	150	195	9
22.4	**8**	200	RXQ8A	100	200	260	13
28.0	**10**	250	RXQ10A	125	250	325	16
33.5	**12**	300	RXQ12A	150	300	390	19
40.0	**14**	350	RXQ14A	175	350	455	22
45.0	**16**	400	RXQ16A	200	400	520	26
50.0	**18**	450	RXQ18A	225	450	585	29
56.0	**20**	500	RXQ20A	250	500	650	32

Notes:

*1. Only single outdoor unit (RXQ6-20A) can be connected.
*2. When outdoor-air processing units (FXMQ-MF) and standard indoor units are connected, the total connection capacity of the outdoor-air processing units (FXMQ-MF) must not exceed 30% of the capacity index of the outdoor units. And the connection ratio must not exceed 100%.
Because connection is possible depending on conditions ever when the capacity index of FXMQ-MF exceeds 30% of the capacity index of the outdoor units, contact your local distributor.

2. Specification

1. Specifications

1.1 Cooling Only 50/60 Hz *VRV* A SERIES (RXQ-A(M))

Model Name			RXQ6AYM	RXQ8AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	13,800	19,300
		Btu/h	54,600	76,400
		kW	16.0	22.4
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	2.3×1	3.4×1
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	0.55×1	0.55×1
	Airflow rate	m³/min	119	178
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ9.5 C1220T (Brazing connection)	ϕ9.5 C1220T (Brazing connection)
	Gas pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
Mass		kg	175	175
★2 Sound pressure level		dB(A)	56	56
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	25-100	20-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	5.9	5.9
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		C: 3D111543C	C: 3D111543C
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412

Model Name			RXQ10AYM	RXQ12AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	24,100	28,800
		Btu/h	95,500	114,000
		kW	28.0	33.5
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×930×765	1,657×930×765
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	4.5×1	5.6×1
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	0.55×1	0.55×1
	Airflow rate	m³/min	178	191
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ9.5 C1220T (Brazing connection)	ϕ12.7 C1220T (Brazing connection)
	Gas pipe	mm	ϕ22.2 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	185	185
★2 Sound pressure level		dB(A)	57	59
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	13-100	12-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	6.7	6.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		C: 3D111543C	C: 3D111543C
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412

Model Name			RXQ14AYM	RXQ16AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	34,400	38,700
		Btu/h	136,000	154,000
		kW	40.0	45.0
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	1,657×1,240×765
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	6.4×1	(3.5×1)+(3.5×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	0.75×2	0.75×2
	Airflow rate	m^3/min	257	257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ12.7 C1220T (Brazing connection)	ϕ12.7 C1220T (Brazing connection)
	Gas pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	215	260
★2 Sound pressure level		dB(A)	60	60
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	11-100	10-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	7.4	8.2
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		C: 3D111543C	C: 3D111543C
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860
Btu/h=kW×3412

Model Name (Combination Unit)			RXQ18AYM	RXQ18AMYM
Model Name (Independent Unit)			—	RXQ8AYM+RXQ10AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	43,000	43,300
		Btu/h	171,000	172,000
		kW	50.0	50.4
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	(1,657×930×765)+(1,657×930×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(4.0×1)+(4.0×1)	(3.4×1)+(4.5×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	0.75×2	(0.55×1)+(0.55×1)
	Airflow rate	m³/min	257	178+178
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	260	175+185
★2 Sound pressure level		dB(A)	61	60
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	10-100	7-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	8.4	5.9+6.7
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		C: 3D111543C	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ20AYM	RXQ20AMYM
Model Name (Independent Unit)			—	RXQ8AYM+RXQ12AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	48,200	48,100
		Btu/h	191,000	191,000
		kW	56.0	55.9
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	1,657×1,240×765	(1,657×930×765)+(1,657×930×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(3.8×1)+(6.3×1)	(3.4×1)+(5.6×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	0.75×2	(0.55×1)+(0.55×1)
	Airflow rate	m³/min	297	178+191
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ28.6 C1220T (Brazing connection)
Mass		kg	285	175+185
★2 Sound pressure level		dB(A)	65	61
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	7-100	7-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	11.8	5.9+6.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		C: 3D111543C	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ22AMYM	RXQ24AMYM
Model Name (Independent Unit)			RXQ10AYM+RXQ12AYM	RXQ12AYM+RXQ12AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	52,900	57,600
		Btu/h	210,000	229,000
		kW	61.5	67.0
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)	(1,657×930×765)+(1,657×930×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(4.5×1)+(5.6×1)	(5.6×1)+(5.6×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.55×1)+(0.55×1)	(0.55×1)+(0.55×1)
	Airflow rate	m³/min	178+191	191+191
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ15.9 C1220T (Brazing connection)	ϕ15.9 C1220T (Brazing connection)
	Gas pipe	mm	ϕ28.6 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+185	185+185
★2 Sound pressure level		dB(A)	61	62
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	6-100	6-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	6.7+6.8	6.8+6.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ26AMYM	RXQ28AMYM
Model Name (Independent Unit)			RXQ12AYM+RXQ14AYM	RXQ12AYM+RXQ16AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	63,200	67,500
		Btu/h	251,000	268,000
		kW	73.5	78.5
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(5.6×1)+(6.4×1)	(5.6×1)+(3.5×1)+(3.5×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.55×1)+(0.75×2)	(0.55×1)+(0.75×2)
	Airflow rate	m³/min	191+257	191+257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+215	185+260
★2 Sound pressure level		dB(A)	63	63
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	6-100	5-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	6.8+7.4	6.8+8.2
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ30AMYM	RXQ32AMYM
Model Name (Independent Unit)			RXQ12AYM+RXQ18AYM	RXQ14AYM+RXQ18AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	71,800	77,400
		Btu/h	285,000	307,000
		kW	83.5	90.0
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(5.6×1)+(4.0×1)+(4.0×1)	(6.4×1)+(4.0×1)+(4.0×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.55×1)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow rate	m³/min	191+257	257+257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ34.9 C1220T (Brazing connection)
Mass		kg	185+260	215+260
★2 Sound pressure level		dB(A)	63	64
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	5-100	5-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	6.8+8.4	7.4+8.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ34AMYM	RXQ36AMYM
Model Name (Independent Unit)			RXQ16AYM+RXQ18AYM	RXQ18AYM+RXQ18AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	81,700	86,000
		Btu/h	324,000	341,000
		kW	95.0	100
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(3.5×1)+(3.5×1)+(4.0×1)+(4.0×1)	(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+257	257+257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ34.9 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	260+260	260+260
★2 Sound pressure level		dB(A)	64	64
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	5-100	5-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	8.2+8.4	8.4+8.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ38AMYM	RXQ40AMYM
Model Name (Independent Unit)			RXQ18AYM+RXQ20AYM	RXQ20AYM+RXQ20AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	91,200	96,300
		Btu/h	362,000	382,000
		kW	106	112
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(4.0×1)+(4.0×1)+(3.8×1)+(6.3×1)	(3.8×1)+(6.3×1)+(3.8×1)+(6.3×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+297	297+297
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	260+285	285+285
★2 Sound pressure level		dB(A)	66	68
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	4-100	3-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	8.4+11.8	11.8+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ42AMYM	RXQ44AMYM
Model Name (Independent Unit)			RXQ12AYM+RXQ12AYM+RXQ18AYM	RXQ12AYM+RXQ12AYM+RXQ20AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	101,000	106,000
		Btu/h	399,000	420,000
		kW	117	123
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)	(1,657×930×765)+(1,657×930×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(5.6×1)+(5.6×1)+(4.0×1)+(4.0×1)	(5.6×1)+(5.6×1)+(3.8×1)+(6.3×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.55×1)+(0.55×1)+(0.75×2)	(0.55×1)+(0.55×1)+(0.75×2)
	Airflow rate	m³/min	191+191+257	191+191+297
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	185+185+260	185+185+285
★2 Sound pressure level		dB(A)	65	67
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	4-100	3-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	6.8+6.8+8.4	6.8+6.8+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ46AMYM	RXQ48AMYM
Model Name (Independent Unit)			RXQ14AYM+RXQ14AYM+RXQ18AYM	RXQ14AYM+RXQ16AYM+RXQ18AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	112,000	116,000
		Btu/h	444,000	461,000
		kW	130	135
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(6.4×1)+(6.4×1)+(4.0×1)+(4.0×1)	(6.4×1)+(3.5×1)+(3.5×1)+(4.0×1)+(4.0×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+257+257	257+257+257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	215+215+260	215+260+260
★2 Sound pressure level		dB(A)	65	65
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	3-100	3-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	7.4+7.4+8.4	7.4+8.2+8.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ50AMYM	RXQ52AMYM
Model Name (Independent Unit)			RXQ14AYM+RXQ18AYM+RXQ18AYM	RXQ16AYM+RXQ18AYM+RXQ18AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	120,000	125,000
		Btu/h	478,000	495,000
		kW	140	145
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(6.4×1)+(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)	(3.5×1)+(3.5×1)+(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+257+257	257+257+257
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	215+260+260	260+260+260
★2 Sound pressure level		dB(A)	65	65
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	3-100	3-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	7.4+8.4+8.4	8.2+8.4+8.4
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ54AMYM	RXQ56AMYM
Model Name (Independent Unit)			RXQ18AYM+RXQ18AYM+RXQ18AYM	RXQ18AYM+RXQ18AYM+RXQ20AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	129,000	134,000
		Btu/h	512,000	532,000
		kW	150	156
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)	(4.0×1)+(4.0×1)+(4.0×1)+(4.0×1)+(3.8×1)+(6.3×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+257+257	257+257+297
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	260+260+260	260+260+285
★2 Sound pressure level		dB(A)	66	68
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	3-100	3-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	8.4+8.4+8.4	8.4+8.4+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

Model Name (Combination Unit)			RXQ58AMYM	RXQ60AMYM
Model Name (Independent Unit)			RXQ18AYM+RXQ20AYM+RXQ20AYM	RXQ20AYM+RXQ20AYM+RXQ20AYM
Power supply			3 phase, 380-415/380 V, 50/60 Hz	3 phase, 380-415/380 V, 50/60 Hz
★1 Cooling capacity		kcal/h	139,000	144,000
		Btu/h	553,000	573,000
		kW	162	168
Casing color			Ivory white (5Y7.5/1)	Ivory white (5Y7.5/1)
Dimensions: (H×W×D)		mm	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)	(1,657×1,240×765)+(1,657×1,240×765)+(1,657×1,240×765)
Heat exchanger			Cross fin coil	Cross fin coil
Compressor	Type		Hermetically sealed scroll type	Hermetically sealed scroll type
	Motor output× Number of units	kW	(4.0×1)+(4.0×1)+(3.8×1)+(6.3×1)+(3.8×1)+(6.3×1)	(3.8×1)+(6.3×1)+(3.8×1)+(6.3×1)+(3.8×1)+(6.3×1)
	Starting method		Soft start	Soft start
Fan	Type		Propeller fan	Propeller fan
	Motor output	kW	(0.75×2)+(0.75×2)+(0.75×2)	(0.75×2)+(0.75×2)+(0.75×2)
	Airflow rate	m³/min	257+297+297	297+297+297
	Drive		Direct drive	Direct drive
Connecting pipes	Liquid pipe	mm	ϕ19.1 C1220T (Brazing connection)	ϕ19.1 C1220T (Brazing connection)
	Gas pipe	mm	ϕ41.3 C1220T (Brazing connection)	ϕ41.3 C1220T (Brazing connection)
Mass		kg	260+285+285	285+285+285
★2 Sound pressure level		dB(A)	69	70
Safety devices			High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector	High pressure switch, Fan driver overload protector, Over current relay, Inverter overload protector
Capacity control		%	2-100	2-100
Refrigerant	Refrigerant name		R410A	R410A
	Charge	kg	8.4+11.8+11.8	11.8+11.8+11.8
	Control		Electronic expansion valve	Electronic expansion valve
Refrigerator oil			Refer to the nameplate of compressor	Refer to the nameplate of compressor
Standard accessories			Installation manual, Operation manual, Connection pipes, Clamps	Installation manual, Operation manual, Connection pipes, Clamps
Drawing No.	Specifications		—	—
	Sound level		—	—

Notes:

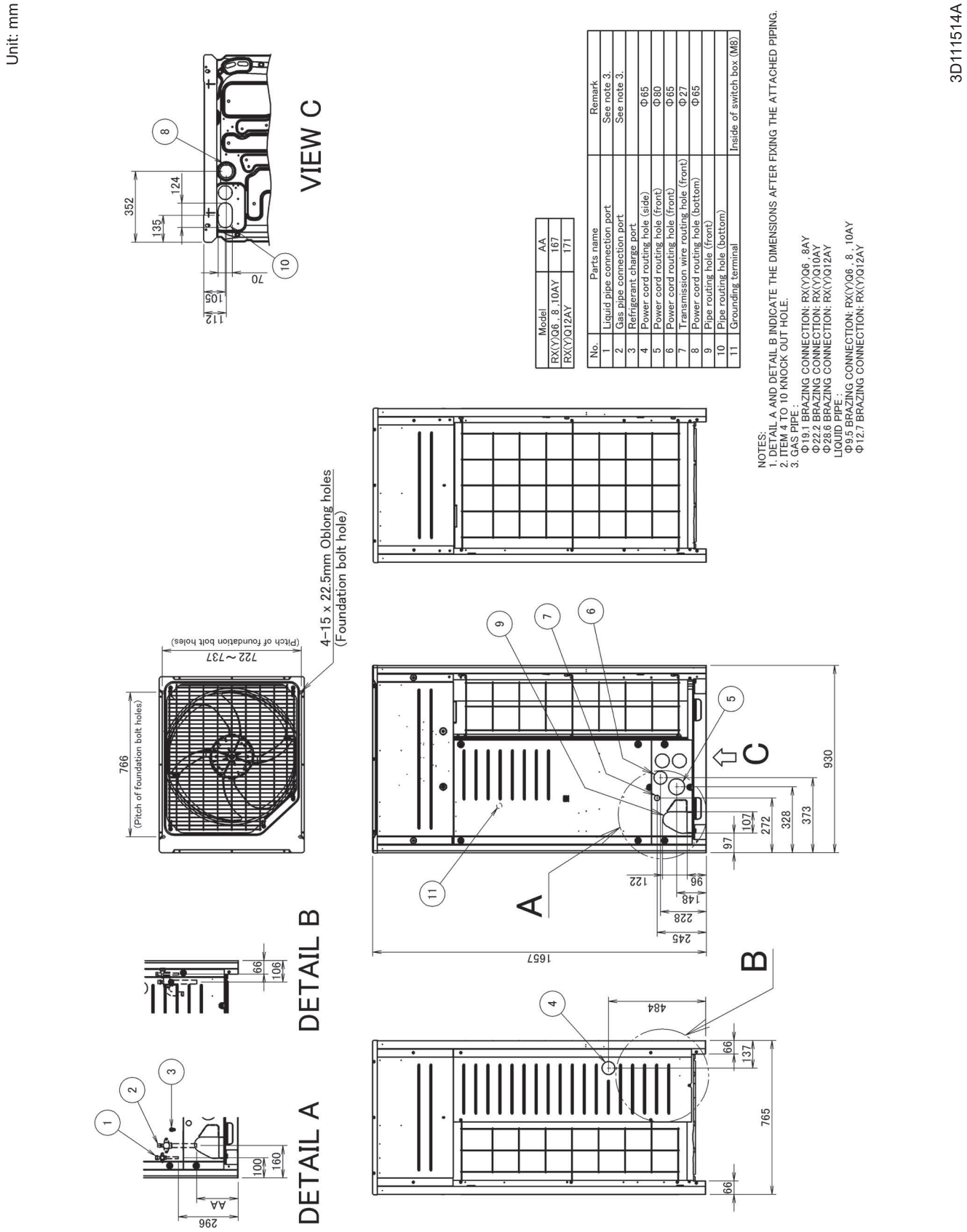
★1. Indoor temp.: 27°CDB, 19°CWB / outdoor temp.: 35°CDB / Equivalent piping length: 7.5 m, level difference: 0 m.
★2. Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m.
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Conversion formulae
kcal/h=kW×860 Btu/h=kW×3412

2. Dimensions

2.1 Independent Unit

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM

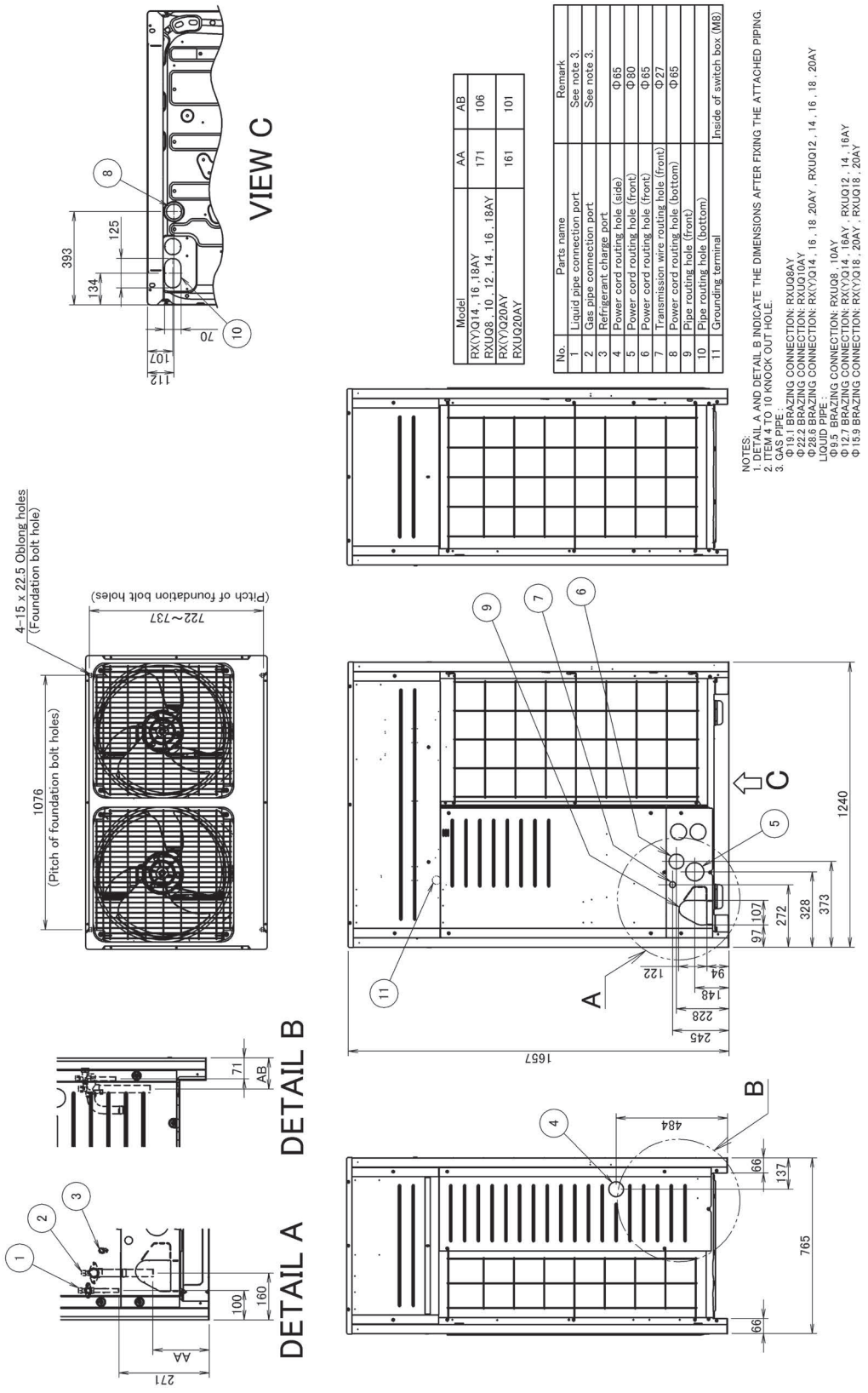


Model	AA
RX(Y)Q6 , 8 ,10AY	167
RX(Y)Q12AY	171

No.	Parts name	Remark
1	Liquid pipe connection port	See note 3.
2	Gas pipe connection port	See note 3.
3	Refrigerant charge port	
4	Power cord routing hole (side)	Φ65
5	Power cord routing hole (front)	Φ80
6	Power cord routing hole (front)	Φ65
7	Transmission wire routing hole (front)	Φ27
8	Power cord routing hole (bottom)	Φ65
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	
11	Grounding terminal	Inside of switch box (M8)

RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM

Unit: mm



Model	AA	AB
RX(Y)Q14 , 16 ,18AY RXUQ8 , 10 , 12 , 14 , 16 , 18AY	171	106
RX(Y)Q20AY RXUQ20AY	161	101

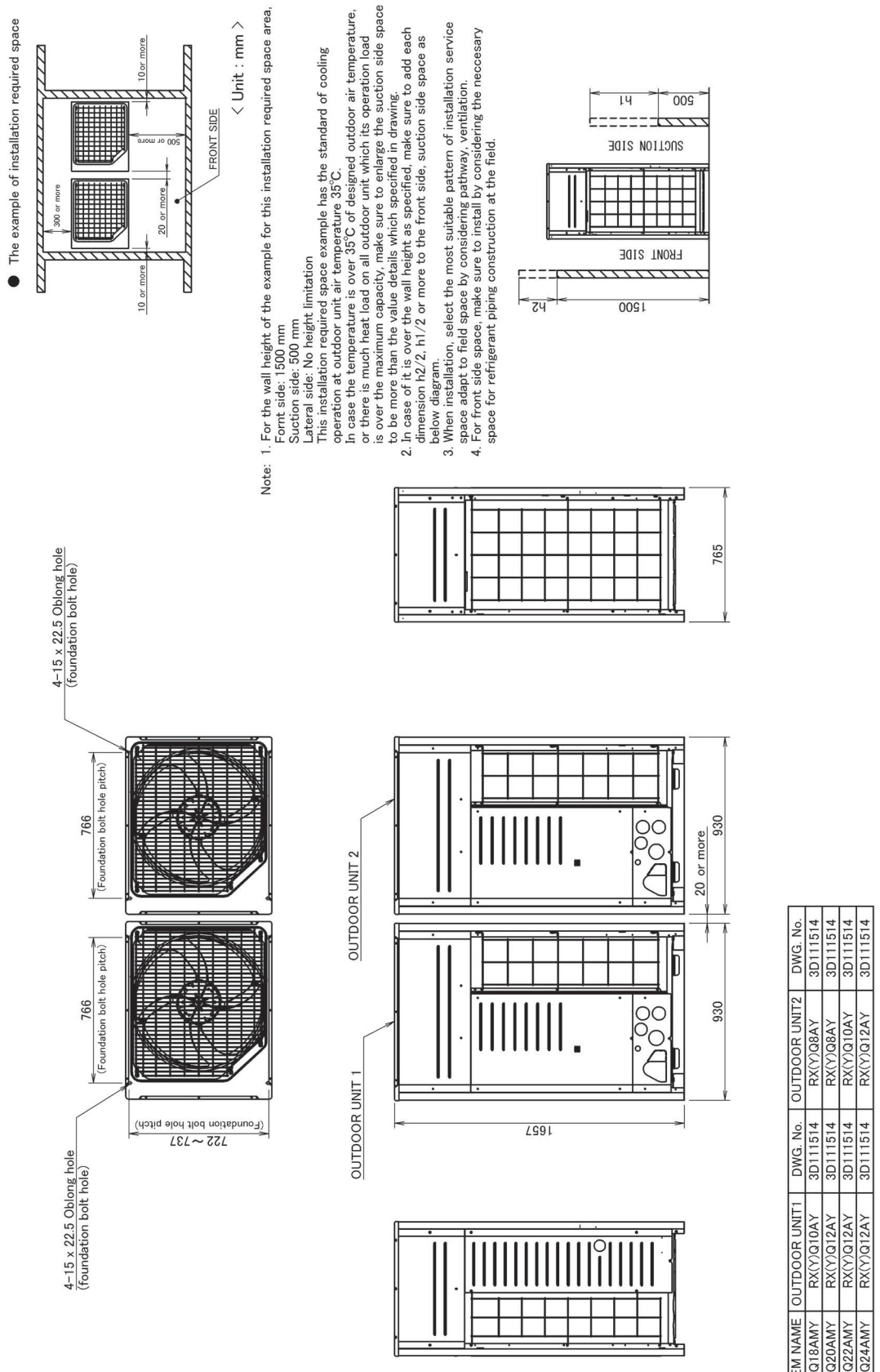
No.	Parts name	Remark
1	Liquid pipe connection port	See note 3.
2	Gas pipe connection port	See note 3.
3	Refrigerant charge port	
4	Power cord routing hole (side)	Φ65
5	Power cord routing hole (front)	Φ80
6	Power cord routing hole (front)	Φ65
7	Transmission wire routing hole (front)	Φ27
8	Power cord routing hole (bottom)	Φ65
9	Pipe routing hole (front)	
10	Pipe routing hole (bottom)	
11	Grounding terminal	Inside of switch box (M8)

3D111515A

2.2 Combination Unit

RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM

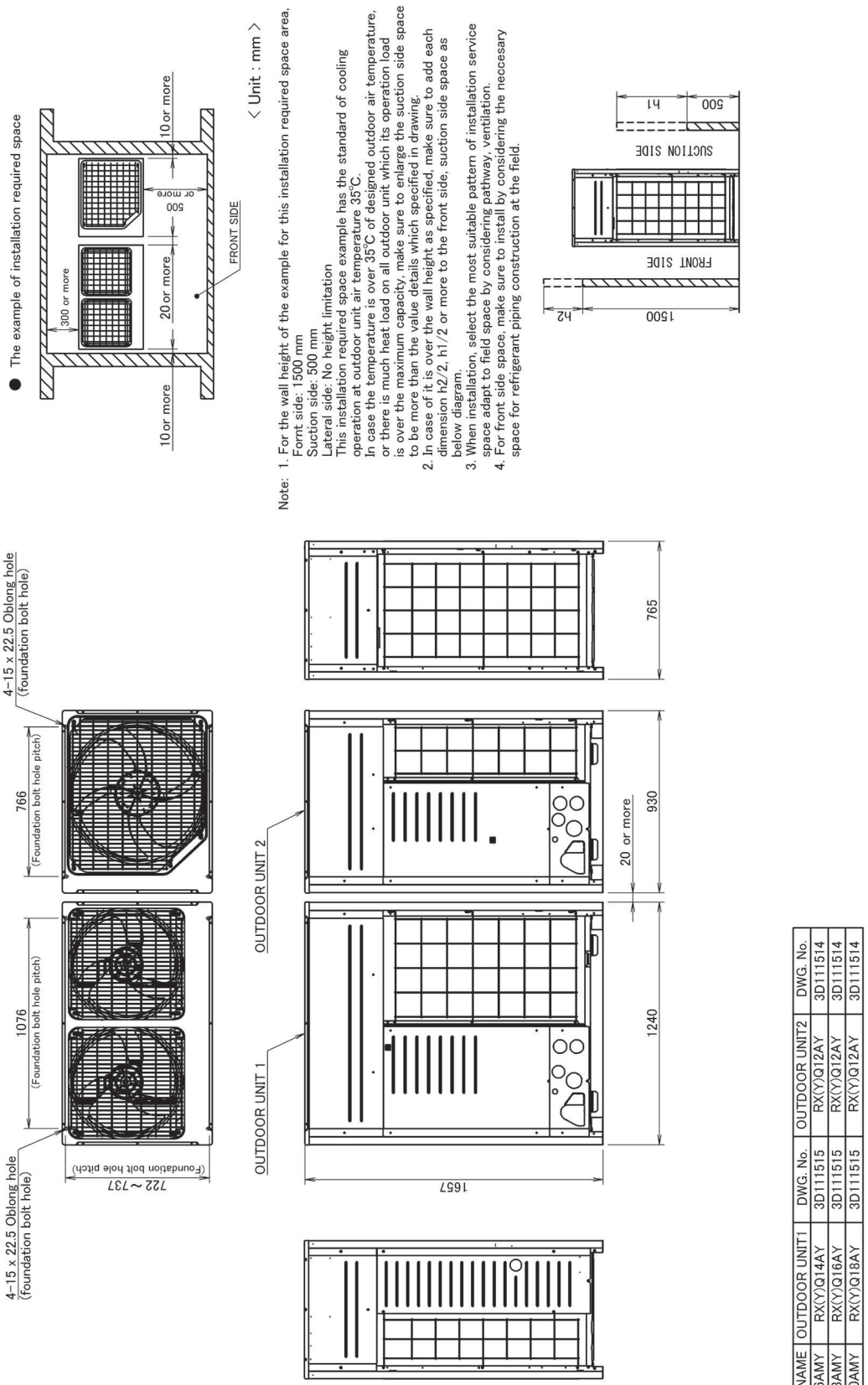
3D111519



SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.
RX(Y)Q18AMY	RX(Y)Q10AY	3D111514	RX(Y)Q8AY	3D111514
RX(Y)Q20AMY	RX(Y)Q12AY	3D111514	RX(Y)Q8AY	3D111514
RX(Y)Q22AMY	RX(Y)Q12AY	3D111514	RX(Y)Q10AY	3D111514
RX(Y)Q24AMY	RX(Y)Q12AY	3D111514	RX(Y)Q12AY	3D111514

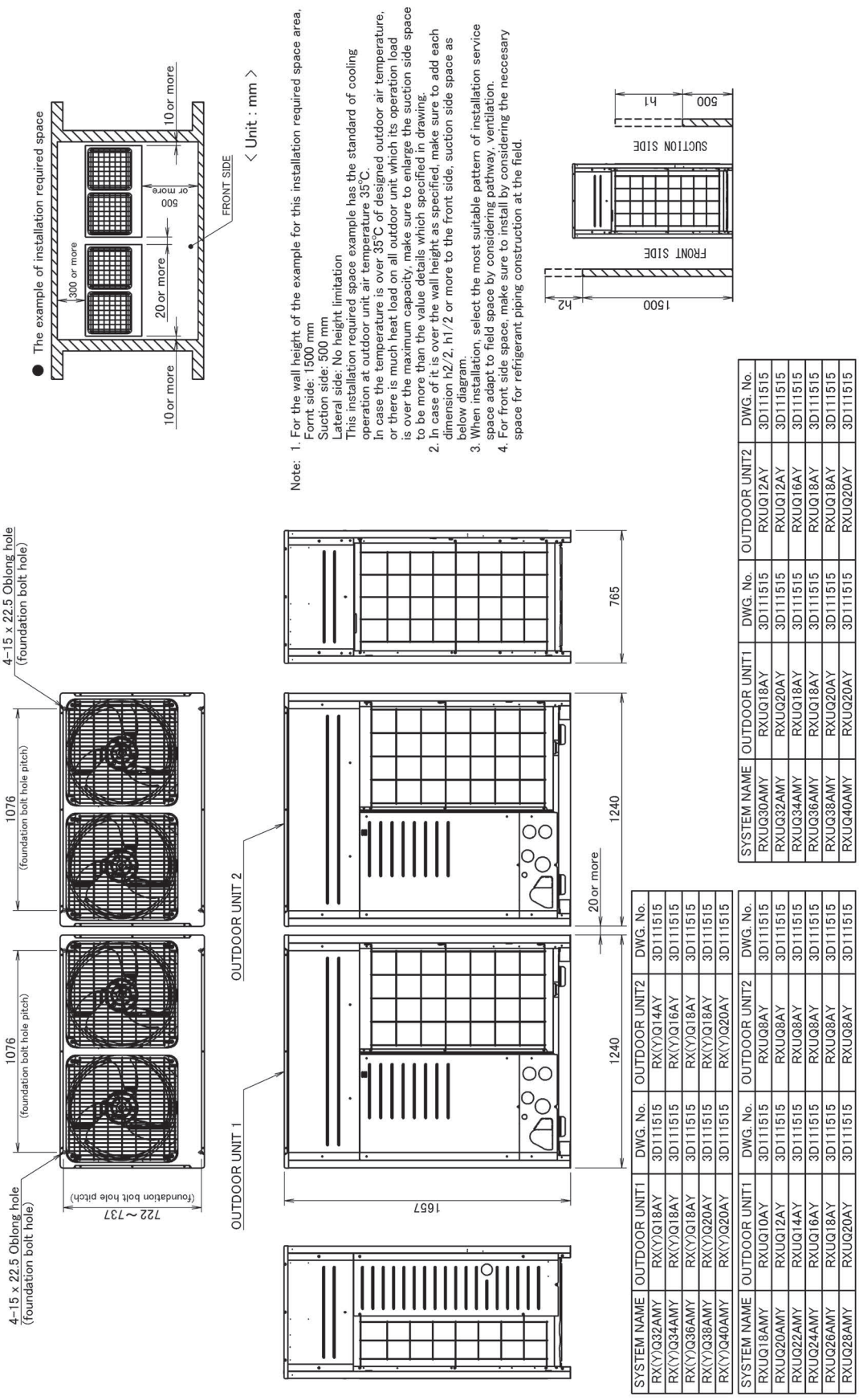
RXQ26AMYM / RXQ28AMYM / RXQ30AMYM

3D111518



SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.
RX(Y)Q26AMY	RX(Y)Q14AY	3D111515	RX(Y)Q12AY	3D111514
RX(Y)Q28AMY	RX(Y)Q16AY	3D111515	RX(Y)Q12AY	3D111514
RX(Y)Q30AMY	RX(Y)Q18AY	3D111515	RX(Y)Q12AY	3D111514

RXQ32AMYM / RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM



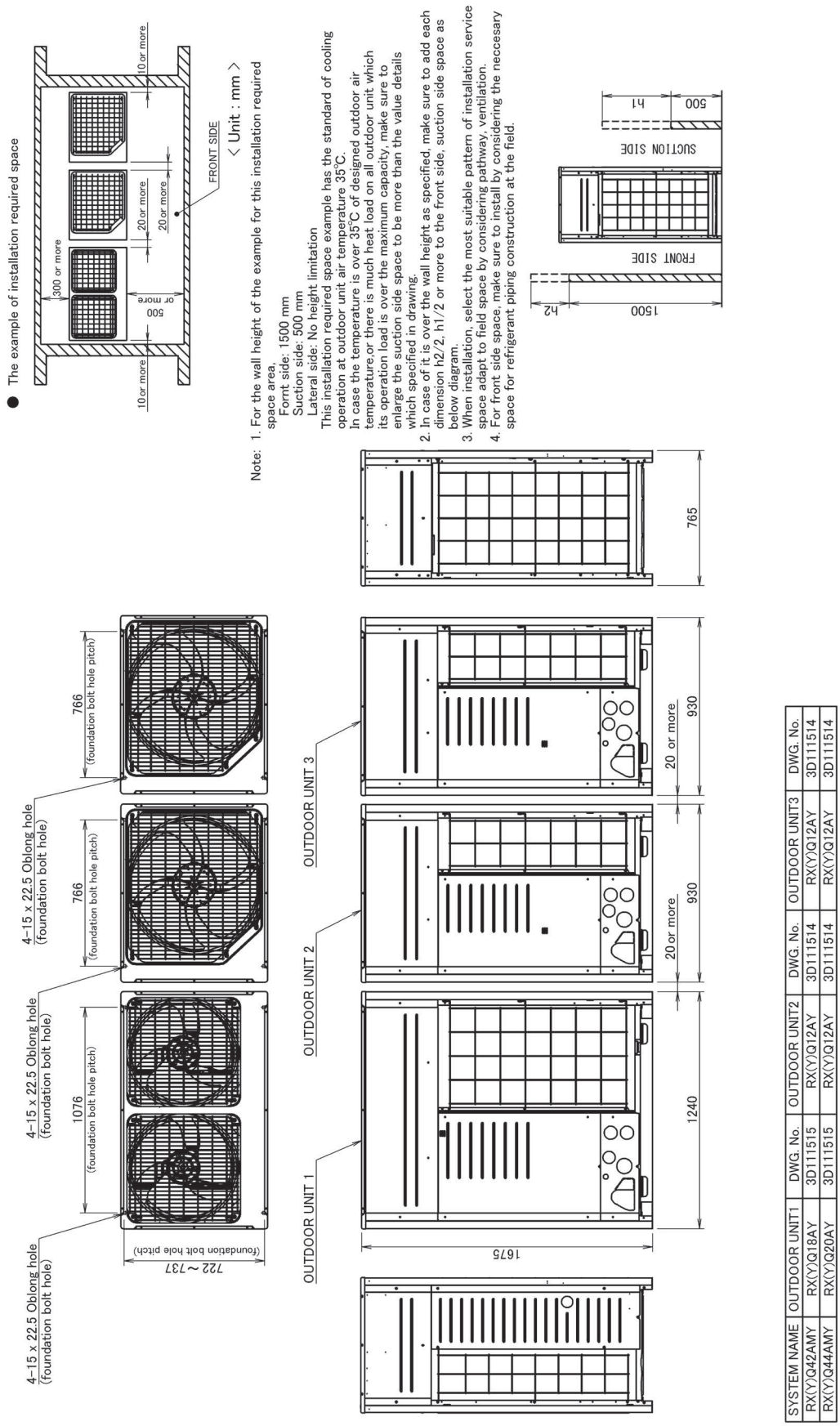
SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.
RX(Y)Q32AMY	RX(Y)Q18AY	3D111515	RX(Y)Q14AY	3D111515
RX(Y)Q34AMY	RX(Y)Q18AY	3D111515	RX(Y)Q16AY	3D111515
RX(Y)Q36AMY	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515
RX(Y)Q38AMY	RX(Y)Q20AY	3D111515	RX(Y)Q18AY	3D111515
RX(Y)Q40AMY	RX(Y)Q20AY	3D111515	RX(Y)Q20AY	3D111515

SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.
RXUQ18AMY	RXUQ10AY	3D111515	RXUQ8AY	3D111515
RXUQ20AMY	RXUQ12AY	3D111515	RXUQ8AY	3D111515
RXUQ22AMY	RXUQ14AY	3D111515	RXUQ8AY	3D111515
RXUQ24AMY	RXUQ16AY	3D111515	RXUQ8AY	3D111515
RXUQ26AMY	RXUQ18AY	3D111515	RXUQ8AY	3D111515
RXUQ28AMY	RXUQ20AY	3D111515	RXUQ8AY	3D111515

SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.
RXUQ30AMY	RXUQ18AY	3D111515	RXUQ12AY	3D111515
RXUQ32AMY	RXUQ20AY	3D111515	RXUQ12AY	3D111515
RXUQ34AMY	RXUQ18AY	3D111515	RXUQ16AY	3D111515
RXUQ36AMY	RXUQ18AY	3D111515	RXUQ18AY	3D111515
RXUQ38AMY	RXUQ20AY	3D111515	RXUQ18AY	3D111515
RXUQ40AMY	RXUQ20AY	3D111515	RXUQ20AY	3D111515

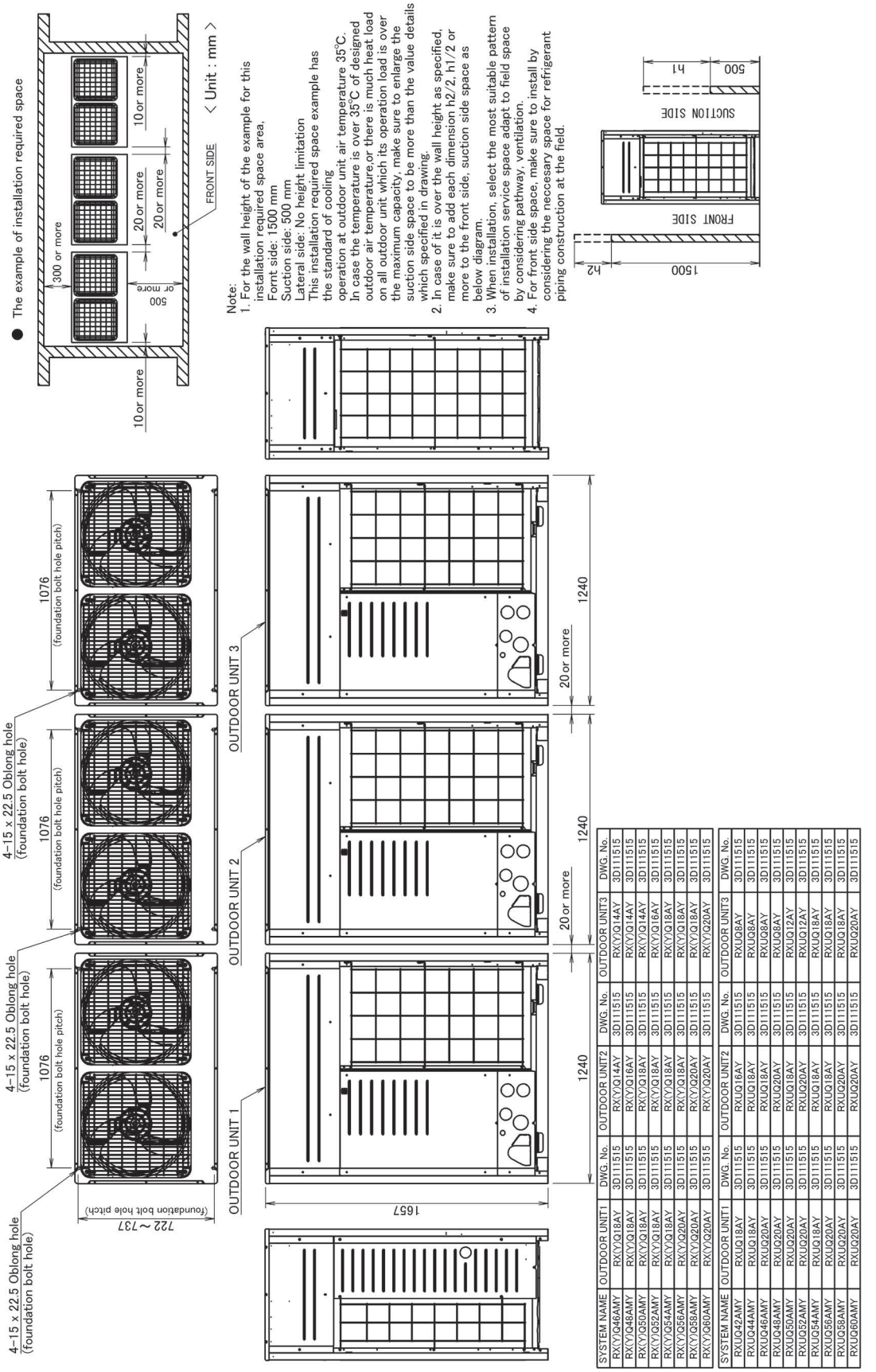
3D111516

RXQ42AMYM / RXQ44AMYM



SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.	OUTDOOR UNIT3	DWG. No.
RX(Y)Q42AMY	RX(Y)Q18AY	3D111515	RX(Y)Q12AY	3D111514	RX(Y)Q12AY	3D111514
RX(Y)Q44AMY	RX(Y)Q20AY	3D111515	RX(Y)Q12AY	3D111514	RX(Y)Q12AY	3D111514

RXQ46AMYM / RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM



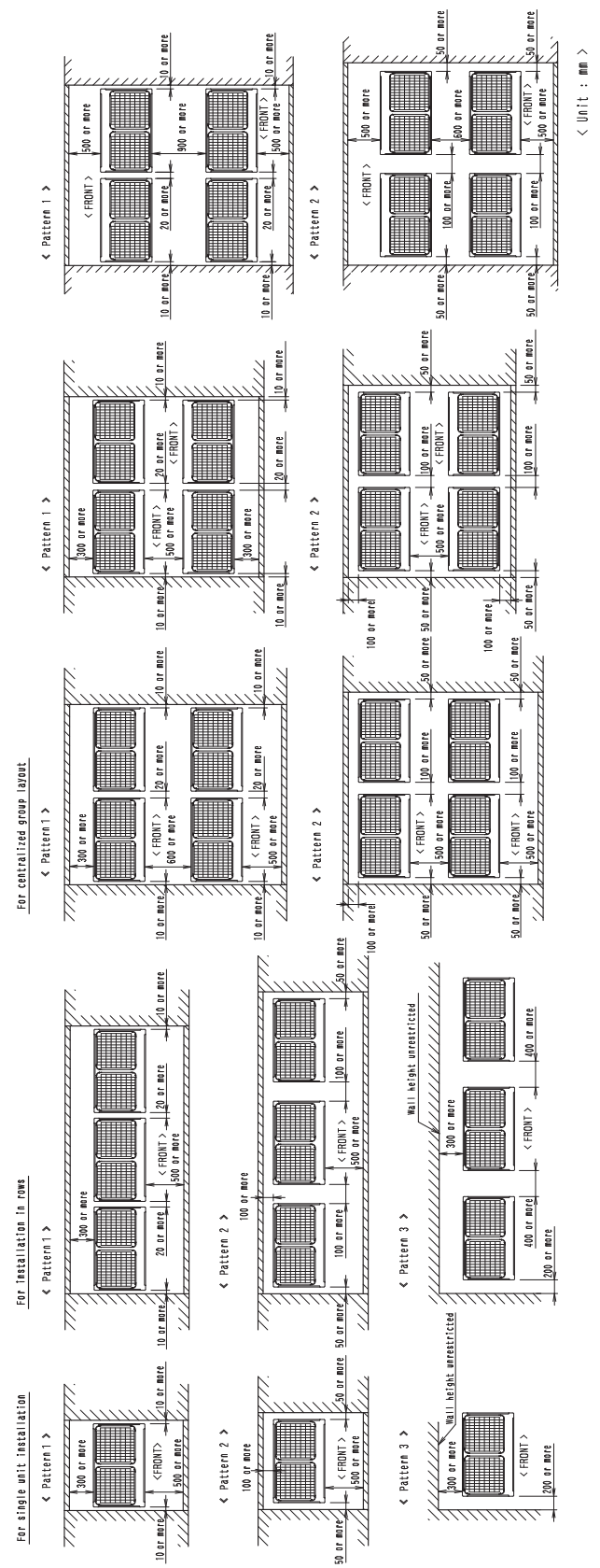
SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.	OUTDOOR UNIT3	DWG. No.
RXQ46AMY	RX(Y)Q18AY	3D111515	RX(Y)Q14AY	3D111515	RX(Y)Q14AY	3D111515
RXQ48AMY	RX(Y)Q18AY	3D111515	RX(Y)Q16AY	3D111515	RX(Y)Q14AY	3D111515
RXQ50AMY	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515	RX(Y)Q14AY	3D111515
RXQ52AMY	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515	RX(Y)Q16AY	3D111515
RXQ54AMY	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515
RXQ56AMY	RX(Y)Q20AY	3D111515	RX(Y)Q18AY	3D111515	RX(Y)Q18AY	3D111515
RXQ58AMY	RX(Y)Q20AY	3D111515	RX(Y)Q20AY	3D111515	RX(Y)Q18AY	3D111515
RXQ60AMY	RX(Y)Q20AY	3D111515	RX(Y)Q20AY	3D111515	RX(Y)Q20AY	3D111515

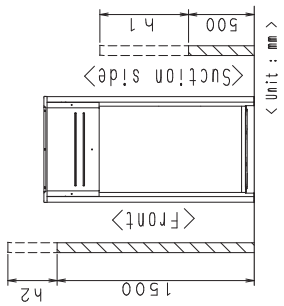
SYSTEM NAME	OUTDOOR UNIT1	DWG. No.	OUTDOOR UNIT2	DWG. No.	OUTDOOR UNIT3	DWG. No.
RXUQ42AMY	RXUQ18AY	3D111515	RXUQ16AY	3D111515	RXUQ8AY	3D111515
RXUQ44AMY	RXUQ18AY	3D111515	RXUQ18AY	3D111515	RXUQ8AY	3D111515
RXUQ46AMY	RXUQ20AY	3D111515	RXUQ18AY	3D111515	RXUQ8AY	3D111515
RXUQ48AMY	RXUQ20AY	3D111515	RXUQ20AY	3D111515	RXUQ8AY	3D111515
RXUQ50AMY	RXUQ20AY	3D111515	RXUQ18AY	3D111515	RXUQ12AY	3D111515
RXUQ52AMY	RXUQ20AY	3D111515	RXUQ20AY	3D111515	RXUQ12AY	3D111515
RXUQ54AMY	RXUQ18AY	3D111515	RXUQ18AY	3D111515	RXUQ18AY	3D111515
RXUQ56AMY	RXUQ20AY	3D111515	RXUQ18AY	3D111515	RXUQ18AY	3D111515
RXUQ58AMY	RXUQ20AY	3D111515	RXUQ20AY	3D111515	RXUQ18AY	3D111515
RXUQ60AMY	RXUQ20AY	3D111515	RXUQ20AY	3D111515	RXUQ20AY	3D111515

3. Service Space

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM / RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM / RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM / RXQ26AMYM / RXQ28AMYM / RXQ30AMYM / RXQ32AMYM / RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM / RXQ42AMYM / RXQ44AMYM / RXQ46AMYM / RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM

3D084449C



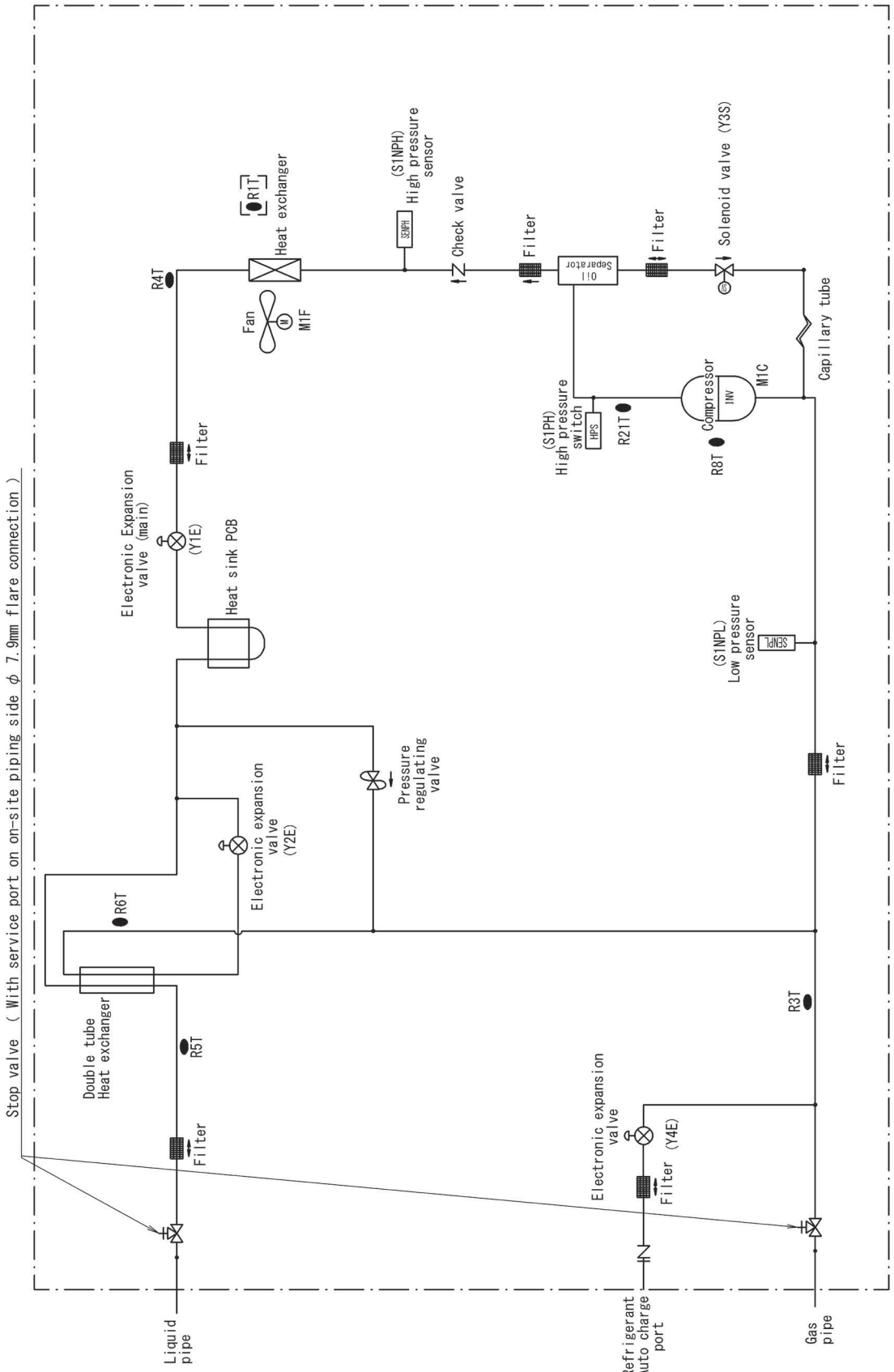


Notes: 1. Heights of walls in case of patterns 1 and 2:
Front: 1500 mm
Suction side: 500 mm
Side: Height unrestricted
Installation space as shown on this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability of much generation load of heat in all outdoor unit, take the suction side space more broadly than the space as shown on this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available. Always keep in mind the need to leave enough space for a person to pass between units and wall and also for the air to circulate freely.
(If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits)
4. The units should be installed to leave sufficient space at the front for the on side refrigerant piping work to be carried out comfortably.

4. Piping Diagrams

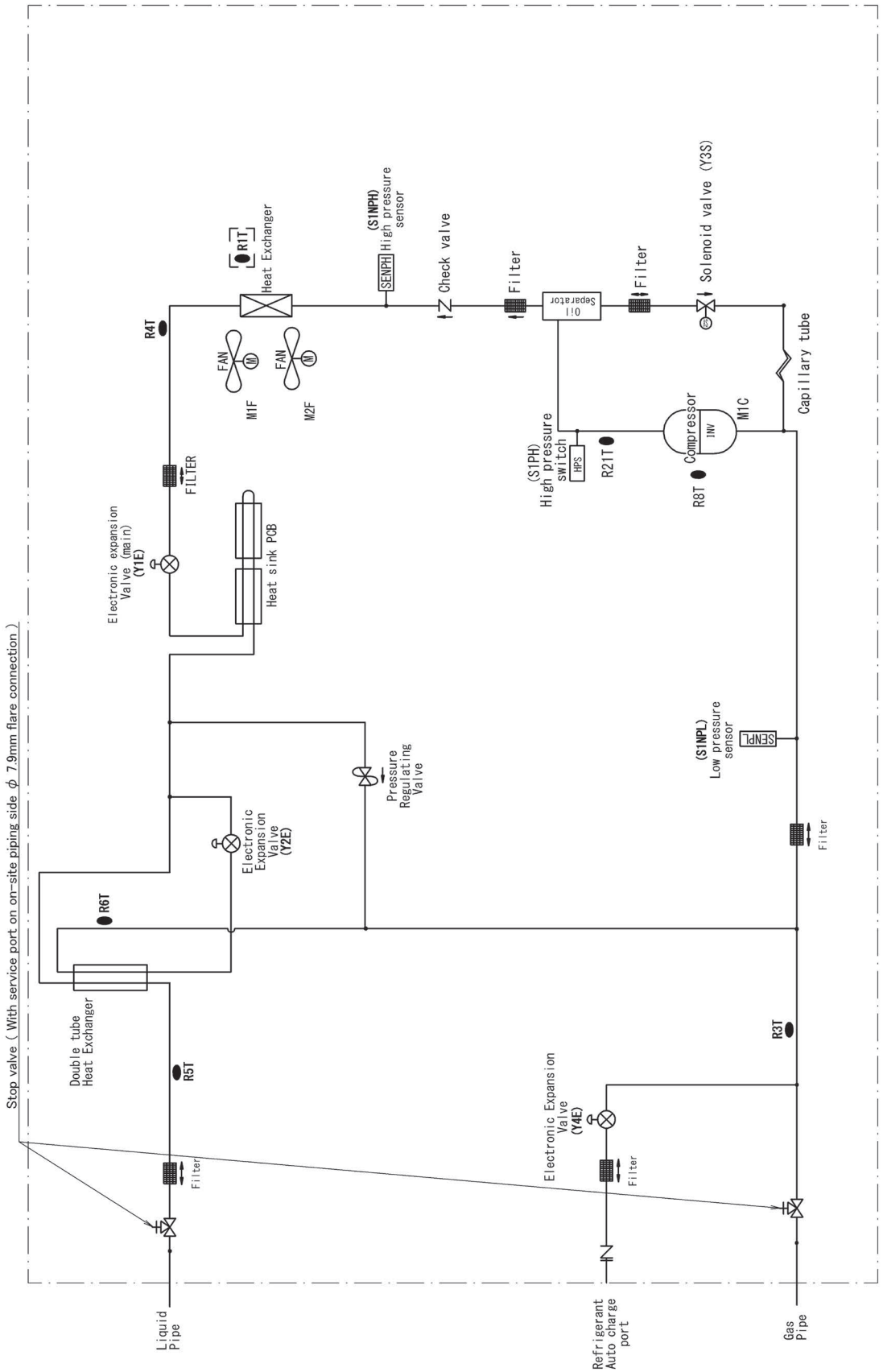
RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM

3D111780



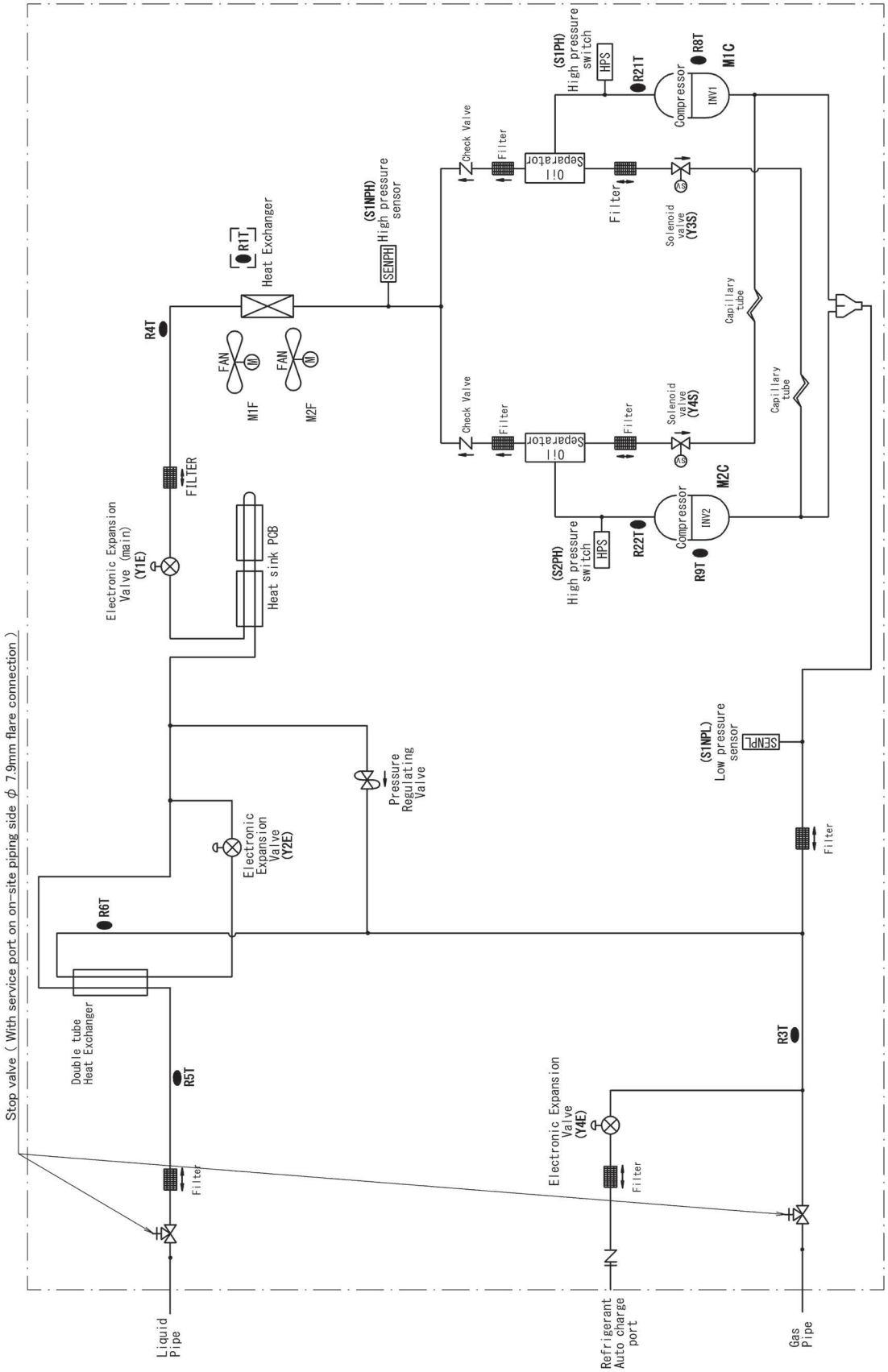
RXQ14AYM

3D111855



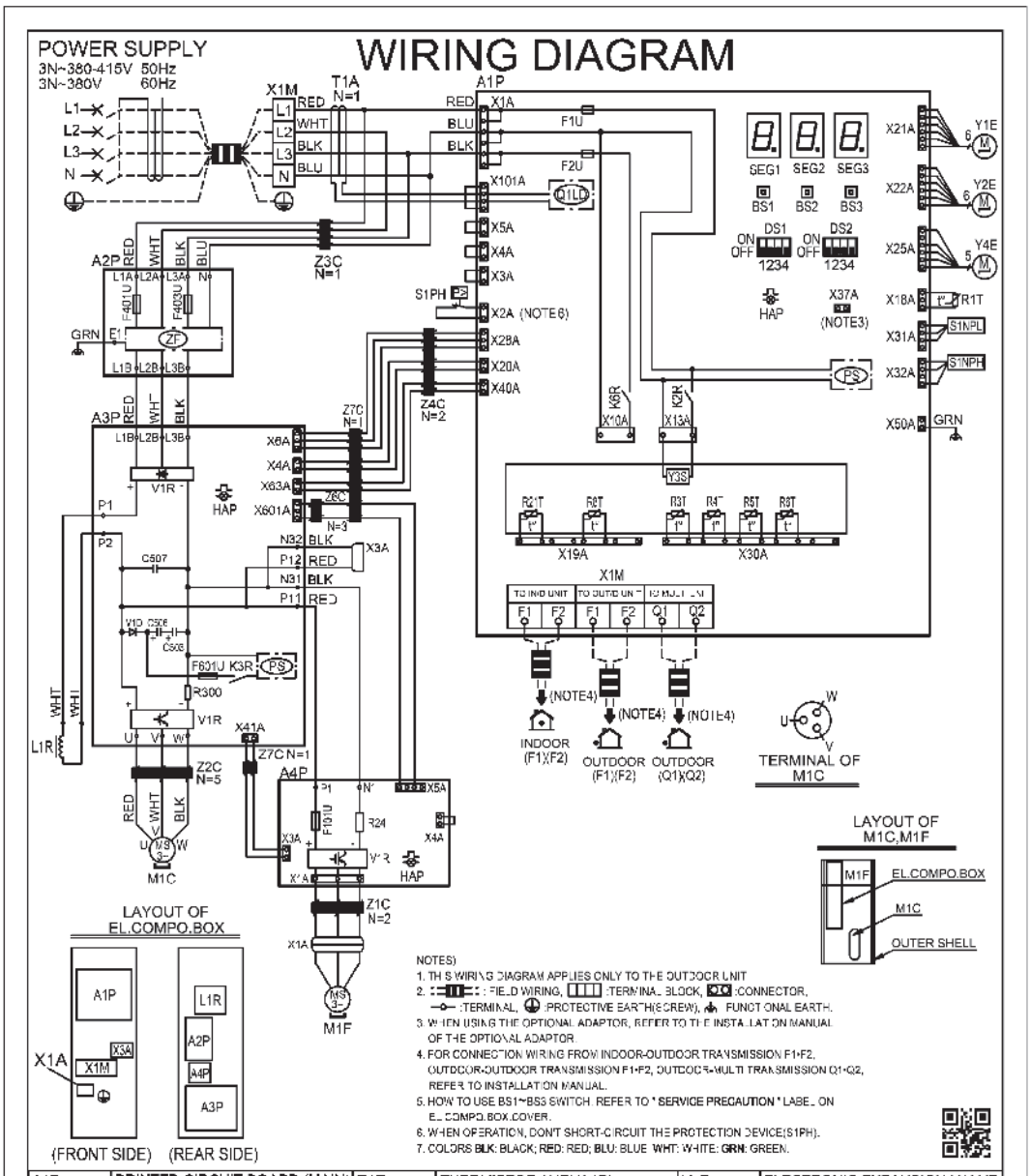
RXQ16AYM / RXQ18AYM / RXQ20AYM

3D111854



5. Wiring Diagrams

RXQ6AYM / RXQ8AYM

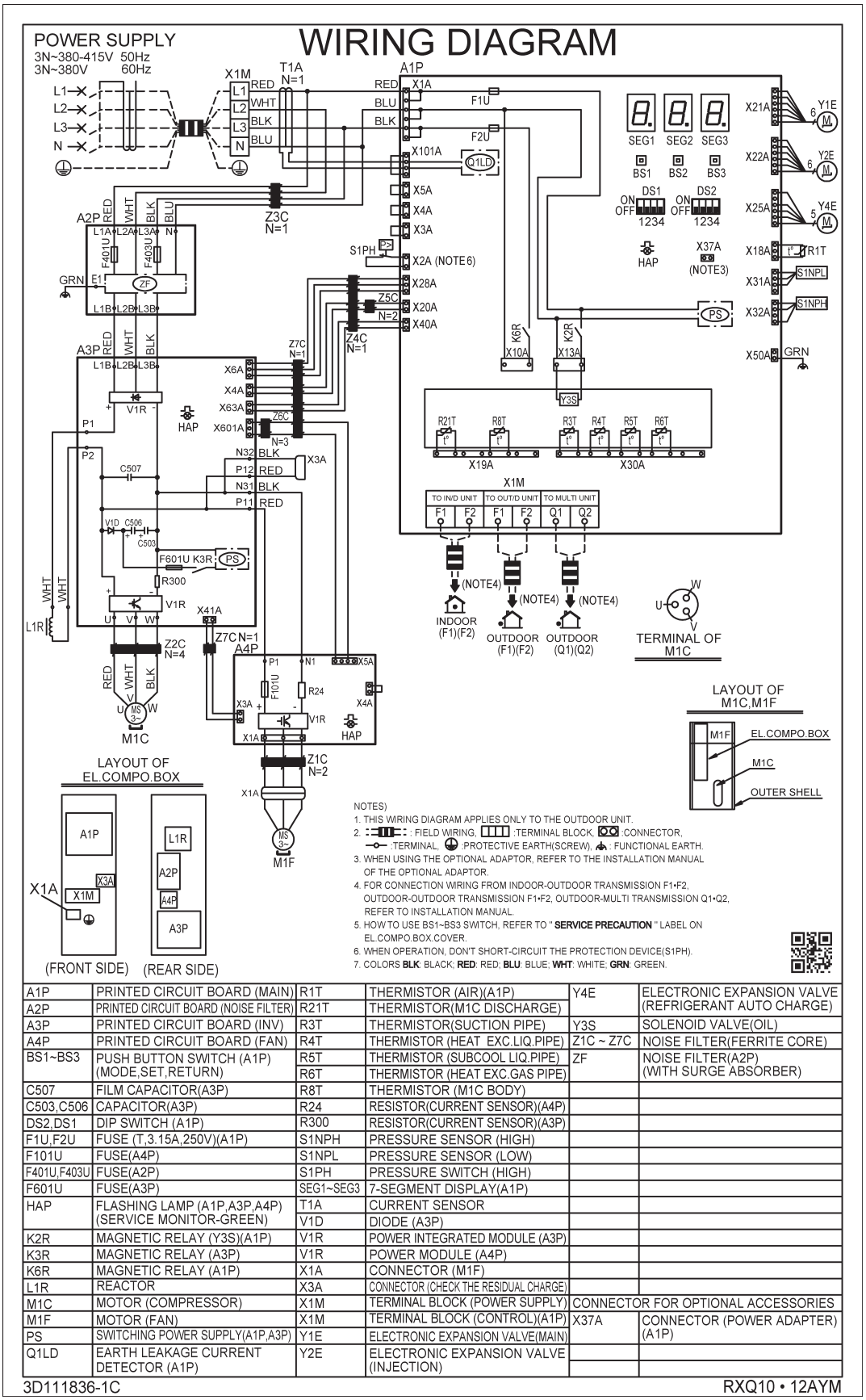


A1P	PRINTED CIRCUIT BOARD (MAIN)	R1T	THERMISTOR (AIR)(A1P)	Y4E	ELECTRONIC EXPANSION VALVE (REFRIGERANT AUTO CHARGE)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	R21T	THERMISTOR(M1C DISCHARGE)		
A3P	PRINTED CIRCUIT BOARD (INV)	R3T	THERMISTOR(SUCTION PIPE)	Y3S	SOLENOID VALVE(OIL)
A4P	PRINTED CIRCUIT BOARD (FAN)	R4T	THERMISTOR (HEAT EXC.LIQ.PIPE)	Z1C ~ Z4C, Z6C ~ Z7C	NOISE FILTER(FERRITE CORE)
BS1~BS3	PUSH BUTTON SWITCH (A1P) (MODE,SET,RETURN)	R5T	THERMISTOR (SUBCOOL LIQ.PIPE)		
		R6T	THERMISTOR (HEAT EXC.GAS PIPE)	ZF	NOISE FILTER(A2P) (WITH SURGE ABSORBER)
C507	FILM CAPACITOR(A3P)	R6T	THERMISTOR (M1C BODY)		
C503,C506	CAPACITOR(A3P)	R24	RESISTOR(CURRENT SENSOR)(A4P)		
DS2,DS1	DIP SWITCH (A1P)	R300	RESISTOR(CURRENT SENSOR)(A3P)		
F1U,F2U	FUSE (T,3.15A,250V)(A1P)	S1NPH	PRESSURE SENSOR (HIGH)		
F101U	FUSE(A4P)	S1NPL	PRESSURE SENSOR (LOW)		
F401U,F403U	FUSE(A2P)	S1PH	PRESSURE SWITCH (HIGH)		
F601U	FUSE(A3P)	SEG1~SEG3	7-SEGMENT DISPLAY(A1P)		
HAP	FLASHING LAMP (A1P,A3P,A4P) (SERVICE MONITOR-GREEN)	T1A	CURRENT SENSOR		
		V1D	DIODE (A3P)		
K2R	MAGNETIC RELAY (Y3S)(A3P)	V1R	POWER INTEGRATED MODULE (A3P)		
K3R	MAGNETIC RELAY (A3P)	V1R	POWER MODULE (A4P)		
K6R	MAGNETIC RELAY (A1P)	X1A	CONNECTOR (M1F)		
L1R	REACTOR	X3A	CONNECTOR (CHECK THE RESIDUAL CHARGE)		
M1C	MOTOR (COMPRESSOR)	X1M	TERMINAL BLOCK (POWER SUPPLY)	CONNECTOR FOR OPTIONAL ACCESSORIES	
M1F	MOTOR (FAN)	X1M	TERMINAL BLOCK (CONTROL)(A1P)	X37A	CONNECTOR (POWER ADAPTER) (A1P)
PS	SWITCHING POWER SUPPLY(A1P,A3P)	Y1E	ELECTRONIC EXPANSION VALVE(MAIN)		
Q1LD	EARTH LEAKAGE CURRENT DETECTOR (A1P)	Y2E	ELECTRONIC EXPANSION VALVE (INJECTION)		

3D111835-1A RXQ6 • 8AYM

3D111835B

RXQ10AYM / RXQ12AYM

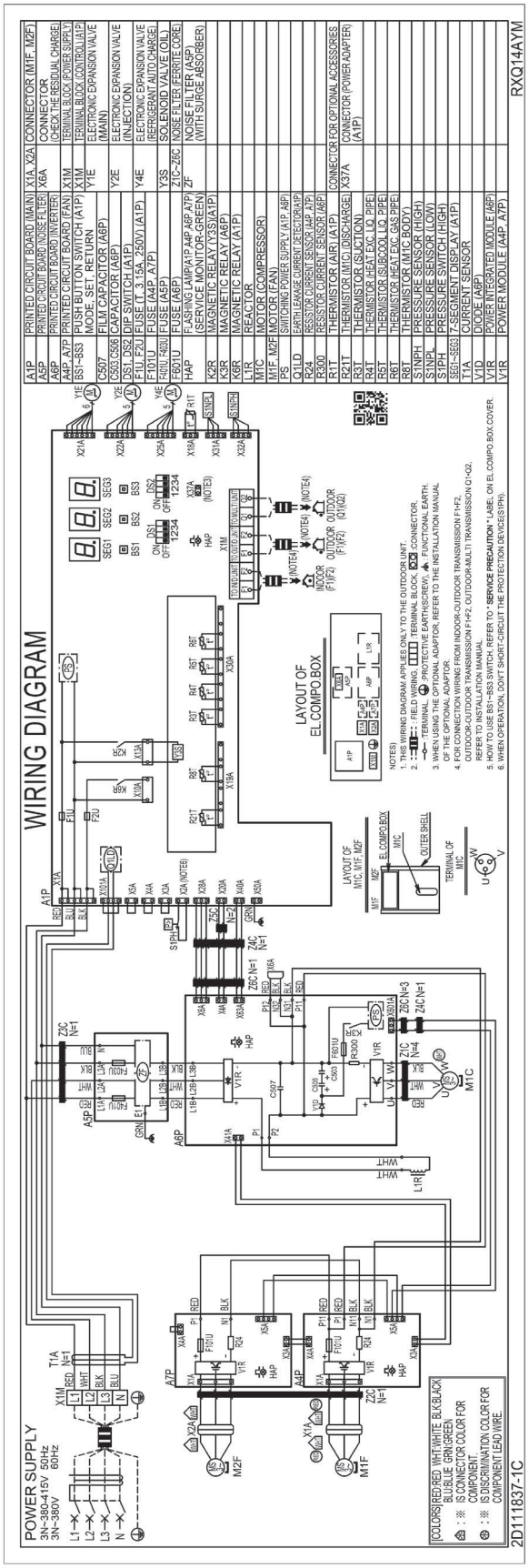


A1P	PRINTED CIRCUIT BOARD (MAIN)	R1T	THERMISTOR (AIR)(A1P)	Y4E	ELECTRONIC EXPANSION VALVE (REFRIGERANT AUTO CHARGE)
A2P	PRINTED CIRCUIT BOARD (NOISE FILTER)	R21T	THERMISTOR(M1C DISCHARGE)		
A3P	PRINTED CIRCUIT BOARD (INV)	R3T	THERMISTOR(SUCTION PIPE)	Y3S	SOLENOID VALVE(OIL)
A4P	PRINTED CIRCUIT BOARD (FAN)	R4T	THERMISTOR (HEAT EXC.LIQ.PIPE)	Z1C ~ Z7C	NOISE FILTER(FERRITE CORE)
BS1~BS3	PUSH BUTTON SWITCH (A1P) (MODE,SET,RETURN)	R5T	THERMISTOR (SUBCOOL LIQ.PIPE)	ZF	NOISE FILTER(A2P) (WITH SURGE ABSORBER)
		R6T	THERMISTOR (HEAT EXC.GAS PIPE)		
C507	FILM CAPACITOR(A3P)	R8T	THERMISTOR (M1C BODY)		
C503,C506	CAPACITOR(A3P)	R24	RESISTOR(CURRENT SENSOR)(A4P)		
DS2,DS1	DIP SWITCH (A1P)	R300	RESISTOR(CURRENT SENSOR)(A3P)		
F1U,F2U	FUSE (T,3.15A,250V)(A1P)	S1NPH	PRESSURE SENSOR (HIGH)		
F101U	FUSE(A4P)	S1NPL	PRESSURE SENSOR (LOW)		
F401U,F403U	FUSE(A2P)	S1PH	PRESSURE SWITCH (HIGH)		
F601U	FUSE(A3P)	SEG1~SEG3	7-SEGMENT DISPLAY(A1P)		
HAP	FLASHING LAMP (A1P,A3P,A4P) (SERVICE MONITOR-GREEN)	T1A	CURRENT SENSOR		
		V1D	DIODE (A3P)		
K2R	MAGNETIC RELAY (Y3S)(A1P)	V1R	POWER INTEGRATED MODULE (A3P)		
K3R	MAGNETIC RELAY (A3P)	V1R	POWER MODULE (A4P)		
K6R	MAGNETIC RELAY (A1P)	X1A	CONNECTOR (M1F)		
L1R	REACTOR	X3A	CONNECTOR (CHECK THE RESIDUAL CHARGE)		
M1C	MOTOR (COMPRESSOR)	X1M	TERMINAL BLOCK (POWER SUPPLY)	CONNECTOR FOR OPTIONAL ACCESSORIES	
M1F	MOTOR (FAN)	X1M	TERMINAL BLOCK (CONTROL)(A1P)	X37A	CONNECTOR (POWER ADAPTER) (A1P)
PS	SWITCHING POWER SUPPLY(A1P,A3P)	Y1E	ELECTRONIC EXPANSION VALVE(MAIN)		
Q1LD	EARTH LEAKAGE CURRENT DETECTOR (A1P)	Y2E	ELECTRONIC EXPANSION VALVE (INJECTION)		

3D111836-1C RXQ10 • 12AYM

3D111836C

RXQ14AYM



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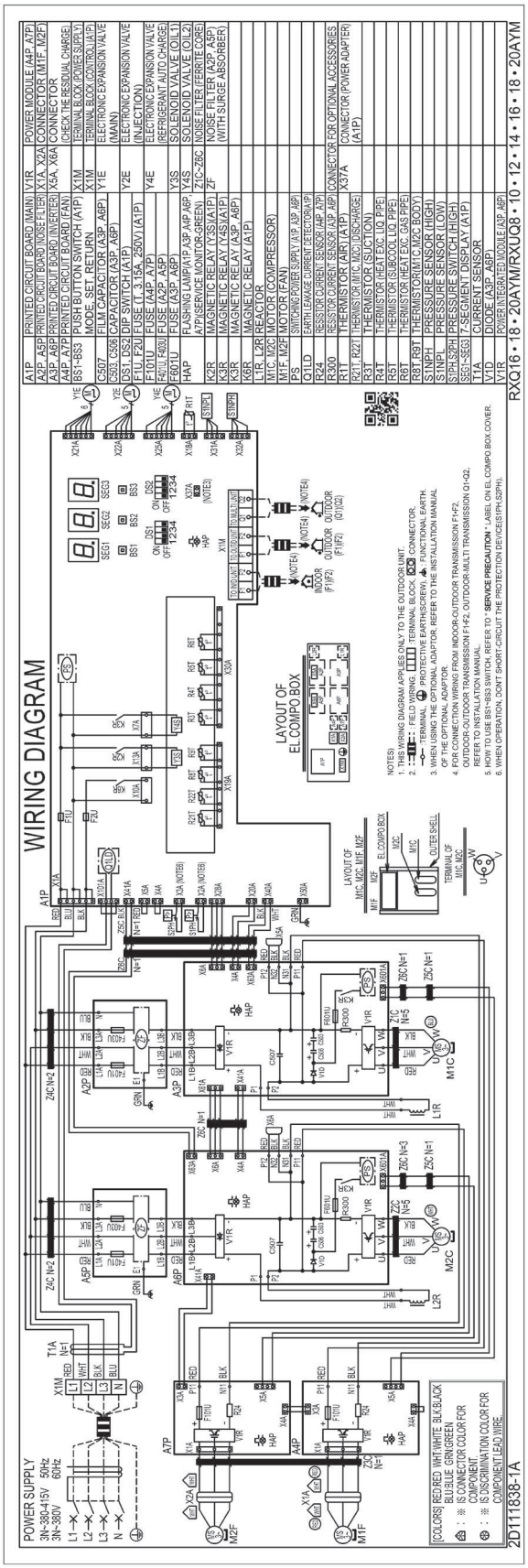
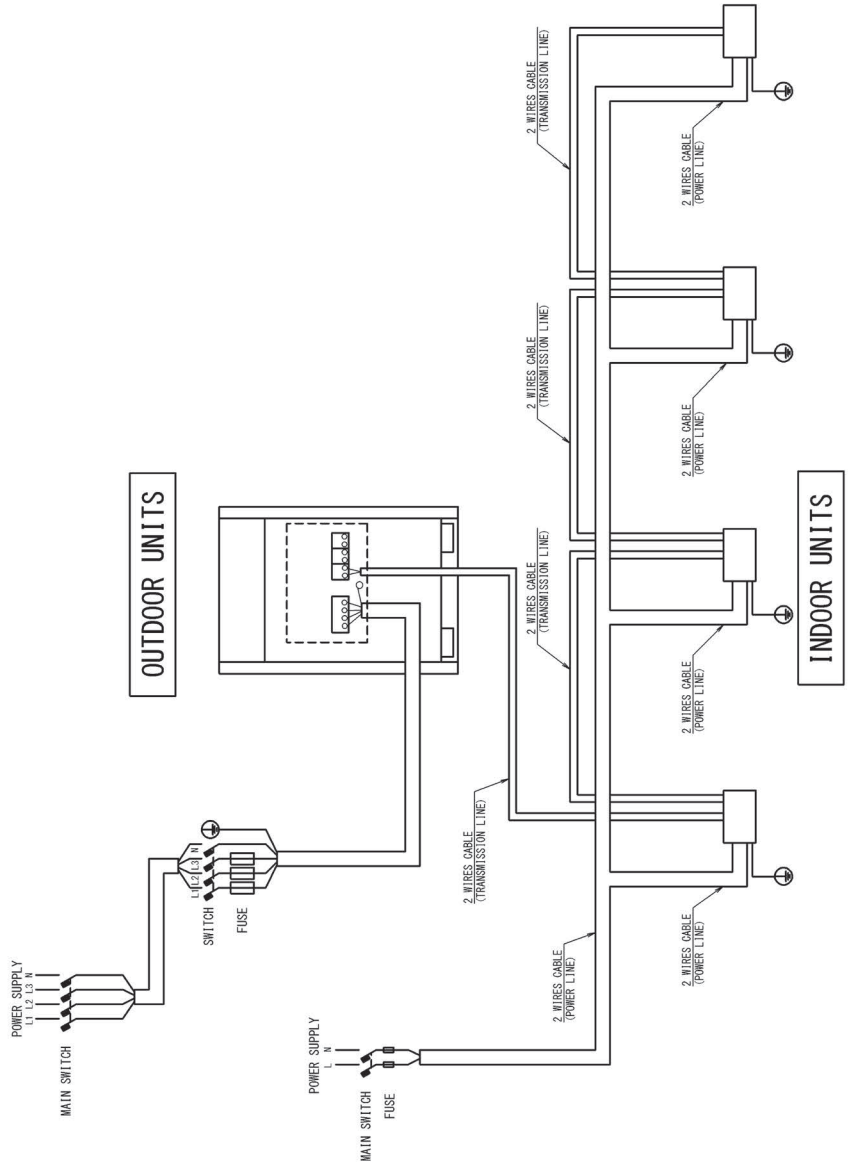
RXQ16AYM / RXQ18AYM / RXQ20AYM



6. Field Wiring

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM / RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM

NOTES
1) ALL WIRING COMPONENTS AND MATERIALS TO BE PROCURED ON THE SITE MUST COMPLY WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
2) USE COPPER CONDUCTORS ONLY.
3) AS FOR DETAILS, SEE WIRING DIAGRAM.
4) INSTALL CIRCUIT BREAKER FOR SAFETY.
5) ALL FIELD WIRING AND COMPONENTS MUST BE PROVIDED BY LICENSED ELECTRICIAN.
6) UNIT SHALL BE GROUNDED IN COMPLIANC WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
7) WIRING SHOWN ARE GENERAL POINTS-OF-CONNECTION GUIDES ONLY AND ARE NOT INTENDED FOR OR TO INCLUDE ALL DETAILS FOR A SPECIFIC INSTALLATION.
8) FOR INDOOR UNITS, INSTALL ONE SWITCH AND ONE FUSE PER SYSTEM. (NOT PER INDOOR UNIT)
9) INSTALL THE MAIN SWITCH THAT CAN INTERRUPT ALL THE POWER SOURCES IN AN INTEGRATED MANNER BECAUSE THIS SYSTEM CONSISTS OF THE EQUIPMENT UTILIZING THE MULTIPLE POWER SOURCES.
10) MUST INSTALL EARTH LEAKAGE CIRCUIT BREAKER.

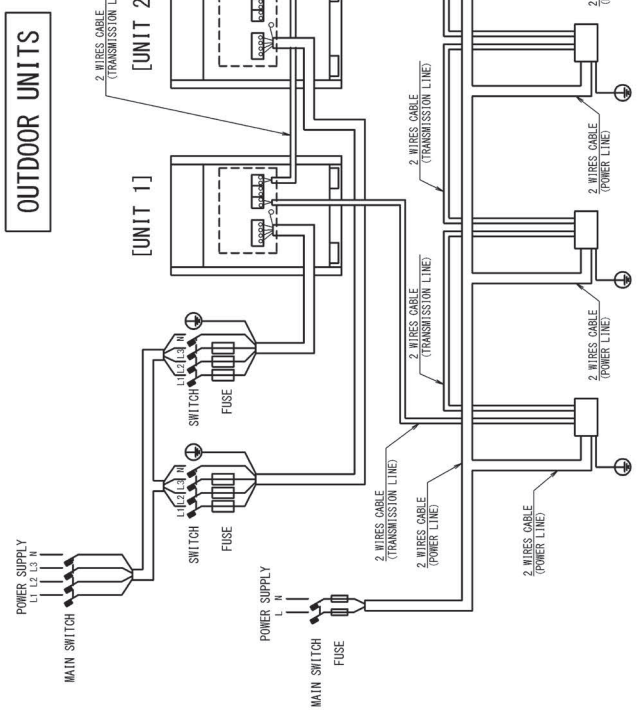


3D111511

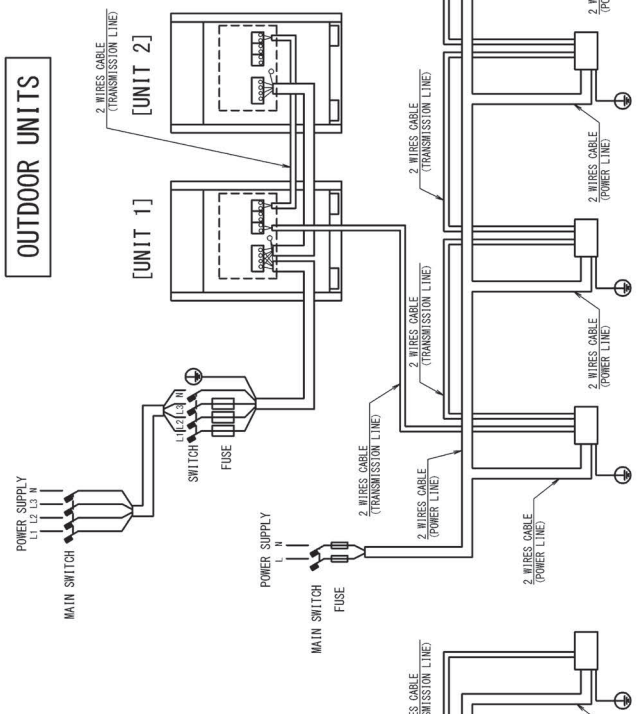
RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM / RXQ26AMYM / RXQ28AMYM / RXQ30AMYM / RXQ32AMYM / RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM

NOTES
1) ALL WIRING COMPONENTS AND MATERIALS TO BE PROCURED ON THE SITE MUST COMPLY WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
2) USE COPPER CONDUCTORS ONLY.
3) AS FOR DETAILS, SEE WIRING DIAGRAM.
4) INSTALL CIRCUIT BREAKER FOR SAFETY.
5) ALL FIELD WIRING AND COMPONENTS MUST BE PROVIDED BY LICENSED ELECTRICIAN.
6) UNIT SHALL BE GROUNDED IN COMPLIANC WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
7) WIRING SHOWN ARE GENERAL POINTS-OF-CONNECTION GUIDES ONLY AND ARE NOT INTENDED FOR OR TO INCLUDE ALL DETAILS FOR A SPECIFIC INSTALLATION.
8) FOR INDOOR UNITS, INSTALL ONE SWITCH AND ONE FUSE PER SYSTEM. (NOT PER INDOOR UNIT)
9) INSTALL THE MAIN SWITCH THAT CAN INTERRUPT ALL THE POWER SOURCES IN AN INTEGRATED MANNER BECAUSE THIS SYSTEM CONSISTS OF THE EQUIPMENT UTILIZING THE MULTIPLE POWER SOURCES.
10) THE CAPACITY OF UNIT 1 MUST BE LARGER THAN UNIT 2 WHEN THE POWER SOURCE IS CONNECTED IN SERIES BETWEEN THE UNITS.
11) MUST INSTALL EARTH LEAKAGE CIRCUIT BREAKER.

〈 WHEN THE POWER SOURCE IS SUPPLIED TO EACH OUTDOOR UNIT INDIVIDUALLY. 〉



〈 WHEN THE POWER SOURCE IS CONNECTED IN SERIES BETWEEN THE UNITS. 〉

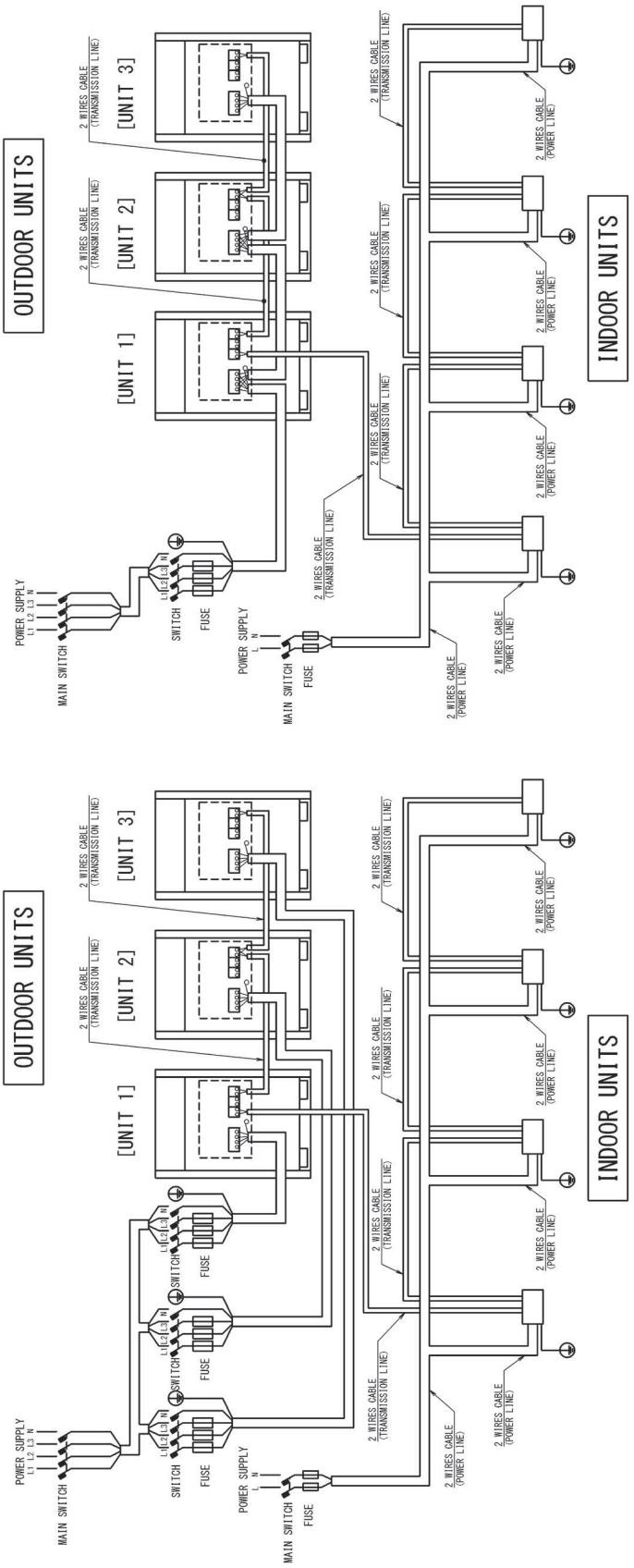


3D111512

RXQ42AMYM / RXQ44AMYM / RXQ46AMYM / RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM

NOTES
1) ALL WIRING COMPONENTS AND MATERIALS TO BE PROCURED ON THE SITE MUST COMPLY WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
2) USE COPPER CONDUCTORS ONLY.
3) AS FOR DETAILS, SEE WIRING DIAGRAM.
4) INSTALL CIRCUIT BREAKER FOR SAFETY.
5) ALL FIELD WIRING AND COMPONENTS MUST BE PROVIDED BY LICENSED ELECTRICIAN.
6) UNIT SHALL BE GROUNDED IN COMPLIANC WITH THE APPLICABLE LOCAL AND NATIONAL CODES.
7) WIRING SHOWN ARE GENERAL POINTS-OF-CONNECTION GUIDES ONLY AND ARE NOT INTENDED FOR OR TO INCLUDE ALL DETAILS FOR A SPECIFIC INSTALLATION.
8) FOR INDOOR UNITS, INSTALL ONE SWITCH AND ONE FUSE PER SYSTEM. (NOT PER INDOOR UNIT)
9) INSTALL THE MAIN SWITCH THAT CAN INTERRUPT ALL THE POWER SOURCES IN AN INTEGRATED MANNER BECAUSE THIS SYSTEM CONSISTS OF THE EQUIPMENT UTILIZING THE MULTIPLE POWER SOURCES.
10) THE CAPACITY OF UNIT 1 MUST BE LARGER THAN UNIT 2 AND UNIT 2 MUST BE LARGER THAN UNIT 3 WHEN THE POWER SOURCE IS CONNECTED IN SERIES BETWEEN THE UNITS.
11) MUST INSTALL EARTH LEAKAGE CIRCUIT BREAKER.

〈 WHEN THE POWER SOURCE IS SUPPLIED TO EACH OUTDOOR UNIT INDIVIDUALLY. 〉



〈 WHEN THE POWER SOURCE IS CONNECTED IN SERIES BETWEEN THE UNITS. 〉

3D111513

7. Electric Characteristics

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM / RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM

Model name		Units			Power supply			Compressor		OFM	
Combination unit	Independent Unit	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RXQ6AYM		50	380	342	456	16.1	19.3	20	–	4.7	0.55	0.8
			400						–	4.5		
			415						–	4.3		
		60	380	342	418				–	4.7		
RXQ8AYM		50	380	342	456	16.1	19.3	20	–	7.4	0.55	1.4
			400						–	7.0		
			415						–	6.8		
		60	380	342	418				–	7.4		
RXQ10AYM		50	380	342	456	21.2	29.8	25	–	9.7	0.55	1.4
			400						–	9.2		
			415						–	8.9		
		60	380	342	418				–	9.7		
RXQ12AYM		50	380	342	456	22.5	29.8	25	–	13.2	0.55	1.6
			400						–	12.6		
			415						–	12.1		
		60	380	342	418				–	13.2		
RXQ14AYM		50	380	342	456	26.9	32.5	30	–	14.4	0.75x2	1.1+1.2
			400						–	13.7		
			415						–	13.2		
		60	380	342	418				–	14.4		
RXQ16AYM		50	380	342	456	30.2	39.0	35	–	9.5 + 9.5	0.75x2	1.1+1.2
			400						–	9.0 + 9.0		
			415						–	8.7 + 8.7		
		60	380	342	418				–	9.5 + 9.5		
RXQ18AYM		50	380	342	456	30.2	39.0	35	–	11.8 + 11.8	0.75x2	1.1+1.2
			400						–	11.2 + 11.2		
			415						–	10.8 + 10.8		
		60	380	342	418				–	11.8 + 11.8		
RXQ20AYM		50	380	342	456	38.9	49.5	45	–	9.9 + 16.5	0.75x2	1.4+1.9
			400						–	9.4 + 15.6		
			415						–	9.1 + 15.1		
		60	380	342	418				–	9.9 + 16.5		

Notes :

1. RLA is based on the following conditions.
   Indoor temp. 27°C DB / 19°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
8. Model RXQ–AY14/AY1S are 50 Hz only.

Symbols :

MCA : Min. Circuit Amps. (A)
TOCA : Total Over-current Amps. (A)
MFA : Max. Fuse Amps. (A)
MSC : Max. Starting current
RLA : Rated Load Amps. (A)
OFM : Outdoor Fan motor
FLA : Full load Amps. (A)
kW : Rated Motor Output (kW)

C: 3D111598A

RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM / RXQ26AMYM / RXQ28AMYM / RXQ30AMYM / RXQ32AMYM

Model name				Units				Power supply			Compressor		OFM	
Combination unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RXQ18AMYM	RXQ8AYM	RXQ10AYM		50	380	342	456	30.2	49.1	35	–	7.4 + 9.7	0.55 x 2	1.4 + 1.4
					400						–	7.0 + 9.2		
					415						–	6.8 + 8.9		
				60	380	342	418				–	7.4 + 9.7		
RXQ20AMYM	RXQ8AYM	RXQ12AYM		50	380	342	456	38.9	49.1	45	–	7.4 + 13.2	0.55 x 2	1.4 + 1.6
					400						–	7.0 + 12.6		
					415						–	6.8 + 12.1		
				60	380	342	418				–	7.4 + 13.2		
RXQ22AMYM	RXQ10AYM	RXQ12AYM		50	380	342	456	43.7	59.6	50	–	9.7 + 13.2	0.55 x 2	1.4 + 1.6
					400						–	9.2 + 12.6		
					415						–	8.9 + 12.1		
				60	380	342	418				–	9.7 + 13.2		
RXQ24AMYM	RXQ12AYM	RXQ12AYM		50	380	342	456	45.0	59.6	50	–	13.2 x 2	0.55 x 2	1.6 x 2
					400						–	12.6 x 2		
					415						–	12.1x 2		
				60	380	342	418				–	13.2 x 2		
RXQ26AMYM	RXQ12AYM	RXQ14AYM		50	380	342	456	49.4	62.3	60	–	13.2 + 14.4	0.55 + 0.75x2	1.6+(1.1+1.2)
					400						–	12.6 + 13.7		
					415						–	12.1 + 13.2		
				60	380	342	418				–	13.2 + 14.4		
RXQ28AMYM	RXQ12AYM	RXQ16AYM		50	380	342	456	52.8	68.8	60	–	13.2 + 9.5 + 9.5	0.55 + 0.75x2	1.6+(1.1+1.2)
					400						–	12.6 + 9.0 + 9.0		
					415						–	12.1 + 8.7 + 8.7		
				60	380	342	418				–	13.2 + 9.5 + 9.5		
RXQ30AMYM	RXQ12AYM	RXQ18AYM		50	380	342	456	52.8	68.8	60	–	13.2 + 11.8 + 11.8	0.55 + 0.75x2	1.6+(1.1+1.2)
					400						–	12.6 + 11.2 + 11.2		
					415						–	12.1 + 10.8 + 10.8		
				60	380	342	418				–	13.2 + 11.8 + 11.8		
RXQ32AMYM	RXQ14AYM	RXQ18AYM		50	380	342	456	57.1	71.5	70	–	14.4 + 11.8 + 11.8	(0.75x2) x 2	(1.1+1.2) x 2
					400						–	13.7 + 11.2 + 11.2		
					415						–	13.2 + 10.8 + 10.8		
				60	380	342	418				–	14.4 + 11.8 + 11.8		

Symbols :

MCA : Min. Circuit Amps. (A)
TOCA : Total Over-current Amps. (A)
MFA : Max. Fuse Amps. (A)
MSC : Max. Starting current
RLA : Rated Load Amps. (A)
OFM : Outdoor Fan motor
FLA : Full load Amps. (A)
kW : Rated Motor Output (kW)

Notes :

1. RLA is based on the following conditions.
   Indoor temp. 27°C DB / 19°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
8. Model RXQ–A(M)Y14/A(M)Y1S are 50 Hz only.

C: 3D111599A

RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM / RXQ42AMYM / RXQ44AMYM / RXQ46AMYM

Model name				Units				Power supply			Compressor		OFM	
Combination unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RXQ34AMYM	RXQ16AYM	RXQ18AYM		50	380	342	456	60.5	78.0	70	–	9.5 + 9.5 + 11.8 + 11.8	(0.75 x 2) x 2	(1.1 + 1.2) x 2
					400						–	9.0 + 9.0 + 11.2 + 11.2		
					415						–	8.7 + 8.7 + 10.8 + 10.8		
				60	380	342	418				–	9.5 + 9.5 + 11.8 + 11.8		
RXQ36AMYM	RXQ18AYM	RXQ18AYM		50	380	342	456	60.5	78.0	70	–	(11.8 + 11.8) x 2	(0.75 x 2) x 2	(1.1 + 1.2) x 2
					400						–	(11.2 + 11.2) x 2		
					415						–	(10.8 + 10.8) x 2		
				60	380	342	418				–	(11.8 + 11.8) x 2		
RXQ38AMYM	RXQ18AYM	RXQ20AYM		50	380	342	456	69.1	88.5	80	–	11.8 + 11.8 + 9.9 + 16.5	(0.75 x 2) x 2	1.1 + 1.2 + 1.4 + 1.9
					400						–	11.2 + 11.2 + 9.4 + 15.6		
					415						–	10.8 + 10.8 + 9.1 + 15.1		
				60	380	342	418				–	11.8 + 11.8 + 9.9 + 16.5		
RXQ40AMYM	RXQ20AYM	RXQ20AYM		50	380	342	456	77.7	99.0	90	–	(9.9 + 16.5) x 2	(0.75 x 2) x 2	(1.4 + 1.9) x 2
					400						–	(9.4 + 15.6) x 2		
					415						–	(9.1 + 15.1) x 2		
				60	380	342	418				–	(9.9 + 16.5) x 2		
RXQ42AMYM	RXQ12AYM	RXQ12AYM	RXQ18AYM	50	380	342	456	75.3	98.6	90	–	13.2 x 2 + 11.8 + 11.8	(0.55) x 2 + 0.75 x 2	(1.6) x 2 + 1.1+1.2
					400						–	12.6 x 2 + 11.2 + 11.2		
					415						–	12.1 x 2 + 10.8 + 10.8		
				60	380	342	418				–	13.2 x 2 + 11.8 + 11.8		
RXQ44AMYM	RXQ12AYM	RXQ12AYM	RXQ20AYM	50	380	342	456	83.9	109.1	100	–	13.2 x 2 + 9.9 + 16.5	(0.55) x 2 + 0.75 x 2	(1.6) x 2 + 1.4+1.9
					400						–	12.6 x 2 + 9.4 + 15.6		
					415						–	12.1 x 2 + 9.1 + 15.1		
				60	380	342	418				–	13.2 x 2 + 9.9 + 16.5		
RXQ46AMYM	RXQ14AYM	RXQ14AYM	RXQ18AYM	50	380	342	456	84.0	104.0	100	–	(14.4) x 2 + 11.8 + 11.8	(0.75 x 2) x 2 + 0.75 x 2	(1.1+1.2) x 2 + 1.1+1.2
					400						–	(13.7) x 2 + 11.2 + 11.2		
					415						–	(13.2) x 2 +10.8 + 10.8		
				60	380	342	418				–	(14.4) x 2 + 11.8 + 11.8		

Symbols :

MCA : Min. Circuit Amps. (A)
TOCA : Total Over-current Amps. (A)
MFA : Max. Fuse Amps. (A)
MSC : Max. Starting current
RLA : Rated Load Amps. (A)
OFM : Outdoor Fan motor
FLA : Full load Amps. (A)
kW : Rated Motor Output (kW)

Notes :

1. RLA is based on the following conditions.
   Indoor temp. 27°C DB / 19°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
8. Model RXQ–A(M)Y14/A(M)Y1S are 50 Hz only.

C: 3D111600A

EDRMT341773

RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM

Model name				Units				Power supply			Compressor		OFM	
Combination unit	Independent Unit			Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	kW	FLA
RXQ48AMYM	RXQ14AYM	RXQ16AYM	RXQ18AYM	50	380	342	456	87.4	110.5	100	–	14.4 + 9.5 + 9.5 + 11.8 + 11.8	(0.75 x 2) x 3	(1.1 + 1.2) x 3
					400						–	13.7 + 9.0 + 9.0 + 11.2 + 11.2		
					415						–	13.2 + 8.7 + 8.7 + 10.8 + 10.8		
				60	380	342	418				–	14.4 + 9.5 + 9.5 + 11.8 + 11.8		
RXQ50AMYM	RXQ14AYM	RXQ18AYM	RXQ18AYM	50	380	342	456	87.4	110.5	100	–	14.4 + (11.8 + 11.8) x 2	(0.75 x 2) x 3	(1.1 + 1.2) x 3
					400						–	13.7 + (11.2 + 11.2) x 2		
					415						–	13.2 + (10.8 + 10.8) x 2		
				60	380	342	418				–	14.4 + (11.8 + 11.8) x 2		
RXQ52AMYM	RXQ16AYM	RXQ18AYM	RXQ18AYM	50	380	342	456	90.7	117.0	100	–	9.5 + 9.5 + (11.8 + 11.8) x 2	(0.75 x 2) x 3	(1.1 + 1.2) x 3
					400						–	9.0 + 9.0 + (11.2 + 11.2) x 2		
					415						–	8.7 + 8.7 + (10.8 + 10.8) x 2		
				60	380	342	418				–	9.5 + 9.5 + (11.8 + 11.8) x 2		
RXQ54AMYM	RXQ18AYM	RXQ18AYM	RXQ18AYM	50	380	342	456	90.7	117.0	100	–	(11.8 + 11.8) x 3	(0.75 x 2) x 3	(1.1 + 1.2) x 3
					400						–	(11.2 + 11.2) x 3		
					415						–	(10.8 + 10.8) x 3		
				60	380	342	418				–	(11.8 + 11.8) x 3		
RXQ56AMYM	RXQ18AYM	RXQ18AYM	RXQ20AYM	50	380	342	456	99.4	127.5	110	–	(11.8 + 11.8) x 2 + 9.9 + 16.5	(0.75 x 2) x 3	(1.1 + 1.2) x 2 + 1.4 + 1.9
					400						–	(11.2 + 11.2) x 2 + 9.4 + 15.6		
					415						–	(10.8 + 10.8) x 2 + 9.1 + 15.1		
				60	380	342	418				–	(11.8 + 11.8) x 2 + 9.9 + 16.5		
RXQ58AMYM	RXQ18AYM	RXQ20AYM	RXQ20AYM	50	380	342	456	108.0	138.0	125	–	11.8 + 11.8 + (9.9 + 16.5) x 2	(0.75 x 2) x 3	1.1 + 1.2 + (1.4 + 1.9) x 2
					400						–	11.2 + 11.2 + (9.4 + 15.6) x 2		
					415						–	10.8 + 10.8 + (9.1 + 15.1) x 2		
				60	380	342	418				–	11.8 + 11.8 + (9.9 + 16.5) x 2		
RXQ60AMYM	RXQ20AYM	RXQ20AYM	RXQ20AYM	50	380	342	456	116.6	148.5	150	–	(9.9 + 16.5) x 3	(0.75 x 2) x 3	(1.4 + 1.9) x 3
					400						–	(9.4 + 15.6) x 3		
					415						–	(9.1 + 15.1) x 3		
				60	380	342	418				–	(9.9 + 16.5) x 3		

Symbols :

MCA : Min. Circuit Amps. (A)
TOCA : Total Over-current Amps. (A)
MFA : Max. Fuse Amps. (A)
MSC : Max. Starting current
RLA : Rated Load Amps. (A)
OFM : Outdoor Fan motor
FLA : Full load Amps. (A)
kW : Rated Motor Output (kW)

Notes :

1. RLA is based on the following conditions.
   Indoor temp. 27°C DB / 19°C WB
   Outdoor temp. 35°C DB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the value of MCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).
8. Model RXQ-A(M)Y14/A(M)Y1S are 50 Hz only.

C: 3D111601A

8. Safety Devices Setting

Safety devices		RXQ6AYM	RXQ8AYM	RXQ10AYM	RXQ12AYM
Printed circuit board fuse	A1P	250 V, 3.15 A			
	A2P	500 V, 40 A		600 V, 63 A	
	A3P	650 V, 1 A			
	A4P	650 V, 8 A			
	A5P	—			
	A6P	—			
	A7P	—			
High pressure switch	S1PH	OFF 4.0 $^{+0}_{-0.12}$ MPa ON 3.0±0.15 MPa			
	S2PH	—			
Overload protector	M1C	17.0 A		27.5 A	
	M2C	—			
	M1F	2.27 A			
	M2F	—			
Electronic expansion valve (Main)	EV1	Fully closed : 0 pls Full open: 3000 pls			
Electronic expansion valve (Subcooled)	EV2	Fully closed : 0 pls Full open: 480 pls			
Electronic expansion valve (Auto charge)	EV3	Fully closed : 0 pls Full open: 480 pls			

Safety devices		RXQ14AYM	RXQ16AYM	RXQ18AYM	RXQ20AYM
Printed circuit board fuse	A1P	250 V, 3.15 A			
	A2P	600 V, 63 A	500 V, 40 A		
	A3P	650 V, 1 A			
	A4P	650 V, 8 A			
	A5P	—	500 V, 40 A		600 V, 63 A
	A6P	—	650 V, 1 A		
	A7P	650 V, 8 A			
High pressure switch	S1PH	OFF 4.0 $^{+0}_{-0.12}$ MPa ON 3.0±0.15 MPa			
	S2PH	—	OFF 4.0 MPa ON 3.0±0.15 Mpa		
Overload protector	M1C	27.5 A	17.0 A		
	M2C	—	17.0 A		27.5 A
	M1F	2.52 A			
	M2F	2.52 A			
Electronic expansion valve (Main)	EV1	Fully closed : 0 pls Full open: 3000 pls			
Electronic expansion valve (Subcooled)	EV2	Fully closed : 0 pls Full open: 480 pls			
Electronic expansion valve (Auto charge)	EV3	Fully closed : 0 pls Full open: 480 pls			

9. Capacity Tables (Standard Type)

9.1 Cooling Capacity for *VRV* Indoor Units Only (VRT)

RXQ6AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	18.1	2.08	19.3	2.11	20.2	2.14	20.5	2.16	20.7	2.17	21.2	2.21	21.6	2.24
	12	17.9	2.15	19.1	2.18	19.9	2.21	20.2	2.23	20.4	2.25	20.9	2.28	21.3	2.32
	14	17.7	2.22	18.8	2.25	19.6	2.29	19.9	2.30	20.1	2.32	20.6	2.36	21.0	2.41
	16	17.5	2.30	18.6	2.33	19.4	2.37	19.6	2.39	19.8	2.41	20.3	2.45	20.8	2.50
	18	17.3	2.38	18.4	2.42	19.1	2.45	19.3	2.47	19.5	2.50	20.0	2.54	20.5	2.59
	20	17.1	2.47	18.1	2.51	18.8	2.55	19.0	2.57	19.3	2.59	19.7	2.64	20.2	2.69
	21	17.0	2.51	18.0	2.55	18.6	2.59	18.9	2.62	19.1	2.64	19.6	2.69	20.0	2.74
	23	16.8	2.61	17.8	2.65	18.4	2.69	18.6	2.72	18.8	2.74	19.3	2.79	19.7	2.84
	25	16.6	2.72	17.5	2.76	18.1	2.80	18.3	2.82	18.5	2.85	19.0	2.90	19.4	2.95
	27	16.4	2.82	17.2	2.87	17.8	2.91	18.0	2.93	18.2	2.96	18.7	3.01	19.2	3.07
	29	16.1	2.94	17.0	2.98	17.5	3.03	17.7	3.05	17.9	3.08	18.4	3.13	18.9	3.19
	31	15.9	3.06	16.7	3.10	17.2	3.15	17.4	3.17	17.7	3.20	18.1	3.25	18.6	3.31
	33	15.7	3.18	16.4	3.23	16.9	3.27	17.1	3.30	17.4	3.32	17.8	3.38	18.3	3.44
	35	15.5	3.32	16.2	3.36	16.6	3.40	16.8	3.43	17.1	3.46	17.5	3.51	18.0	3.57
	37	15.2	3.45	15.9	3.50	16.3	3.54	16.5	3.57	16.8	3.59	17.2	3.65	17.7	3.71
	39	15.0	3.59	15.6	3.64	16.0	3.68	16.2	3.71	16.5	3.73	16.9	3.79	17.4	3.85
120%	10	17.6	2.07	18.8	2.10	19.7	2.13	20.1	2.15	20.5	2.16	20.9	2.19	21.3	2.23
	12	17.4	2.14	18.6	2.17	19.5	2.20	19.9	2.22	20.1	2.23	20.6	2.27	21.0	2.31
	14	17.2	2.21	18.3	2.24	19.2	2.28	19.6	2.29	19.8	2.31	20.3	2.35	20.7	2.39
	16	17.0	2.29	18.1	2.32	19.0	2.36	19.3	2.38	19.6	2.40	20.0	2.44	20.4	2.48
	18	16.8	2.37	17.9	2.41	18.7	2.44	19.0	2.46	19.3	2.48	19.7	2.53	20.1	2.58
	20	16.6	2.46	17.7	2.50	18.5	2.53	18.8	2.56	19.0	2.58	19.4	2.62	19.8	2.67
	21	16.5	2.51	17.6	2.54	18.3	2.58	18.6	2.60	18.8	2.63	19.2	2.67	19.7	2.72
	23	16.3	2.60	17.3	2.64	18.1	2.68	18.3	2.70	18.5	2.73	19.0	2.78	19.4	2.83
	25	16.1	2.71	17.1	2.74	17.8	2.79	18.0	2.81	18.2	2.83	18.7	2.88	19.1	2.94
	27	15.9	2.81	16.9	2.85	17.5	2.90	17.7	2.92	18.0	2.94	18.4	3.00	18.8	3.05
	29	15.7	2.93	16.6	2.97	17.2	3.01	17.5	3.04	17.7	3.06	18.1	3.11	18.5	3.17
	31	15.5	3.05	16.4	3.09	17.0	3.13	17.2	3.16	17.4	3.18	17.8	3.24	18.2	3.29
	33	15.3	3.17	16.1	3.21	16.7	3.26	16.9	3.28	17.1	3.31	17.5	3.36	17.9	3.42
	35	15.1	3.30	15.9	3.34	16.4	3.39	16.6	3.42	16.8	3.44	17.2	3.50	17.6	3.55
	37	14.8	3.44	15.6	3.48	16.1	3.53	16.3	3.55	16.5	3.58	16.9	3.63	17.3	3.69
	39	14.6	3.58	15.3	3.62	15.8	3.67	16.0	3.70	16.2	3.72	16.6	3.78	17.0	3.83
110%	10	17.0	2.07	18.2	2.09	19.2	2.12	19.6	2.14	20.0	2.15	20.5	2.18	20.9	2.22
	12	16.8	2.13	18.0	2.16	19.0	2.19	19.4	2.21	19.7	2.22	20.2	2.26	20.6	2.30
	14	16.6	2.20	17.8	2.23	18.7	2.27	19.1	2.28	19.5	2.30	19.9	2.34	20.3	2.38
	16	16.5	2.28	17.6	2.31	18.5	2.35	18.9	2.36	19.2	2.38	19.7	2.42	20.0	2.47
	18	16.3	2.36	17.4	2.40	18.3	2.43	18.6	2.45	18.9	2.47	19.4	2.51	19.7	2.56
	20	16.1	2.45	17.2	2.49	18.0	2.52	18.4	2.54	18.7	2.56	19.1	2.61	19.5	2.66
	21	16.0	2.50	17.1	2.53	17.9	2.57	18.2	2.59	18.5	2.61	18.9	2.66	19.3	2.71
	23	15.8	2.60	16.9	2.63	17.7	2.67	18.0	2.69	18.2	2.71	18.6	2.76	19.0	2.81
	25	15.6	2.70	16.6	2.73	17.4	2.77	17.7	2.80	18.0	2.82	18.3	2.87	18.7	2.92
	27	15.4	2.80	16.4	2.84	17.2	2.88	17.5	2.91	17.7	2.93	18.1	2.98	18.4	3.04
	29	15.2	2.92	16.2	2.96	16.9	3.00	17.2	3.02	17.4	3.05	17.8	3.10	18.1	3.16
	31	15.0	3.03	16.0	3.08	16.6	3.12	16.9	3.14	17.1	3.17	17.5	3.22	17.9	3.28
	33	14.8	3.16	15.7	3.20	16.4	3.25	16.6	3.27	16.8	3.30	17.2	3.35	17.6	3.41
	35	14.6	3.29	15.5	3.33	16.1	3.38	16.3	3.40	16.5	3.43	16.9	3.48	17.3	3.54
	37	14.4	3.42	15.3	3.47	15.8	3.52	16.0	3.54	16.2	3.57	16.6	3.62	17.0	3.68
	39	14.2	3.56	15.0	3.61	15.5	3.66	15.7	3.68	15.9	3.71	16.3	3.76	16.7	3.82
100%	10	15.8	2.05	17.6	2.07	18.6	2.10	19.0	2.12	19.4	2.13	20.1	2.17	20.6	2.20
	12	15.8	2.11	17.4	2.14	18.4	2.17	18.8	2.19	19.2	2.20	19.8	2.24	20.3	2.28
	14	15.8	2.19	17.2	2.21	18.1	2.24	18.6	2.26	18.9	2.28	19.6	2.32	20.0	2.36
	16	15.8	2.26	17.0	2.29	17.9	2.32	18.3	2.34	18.7	2.36	19.3	2.40	19.7	2.44
	18	15.7	2.35	16.8	2.37	17.7	2.41	18.1	2.43	18.5	2.45	19.0	2.49	19.4	2.54
	20	15.5	2.44	16.6	2.46	17.5	2.50	17.9	2.52	18.2	2.54	18.7	2.58	19.1	2.63
	21	15.4	2.48	16.5	2.51	17.4	2.55	17.8	2.57	18.1	2.59	18.6	2.63	19.0	2.68
	23	15.2	2.58	16.3	2.61	17.2	2.64	17.5	2.66	17.8	2.69	18.3	2.73	18.7	2.78
	25	15.0	2.68	16.1	2.71	16.9	2.75	17.3	2.77	17.6	2.79	18.0	2.84	18.4	2.89
	27	14.9	2.79	15.9	2.82	16.7	2.86	17.0	2.88	17.3	2.90	17.7	2.95	18.1	3.00
	29	14.7	2.90	15.7	2.93	16.5	2.98	16.8	3.00	17.1	3.02	17.4	3.07	17.8	3.12
	31	14.5	3.02	15.5	3.05	16.2	3.10	16.5	3.12	16.8	3.14	17.2	3.19	17.5	3.24
	33	14.3	3.14	15.3	3.18	16.0	3.22	16.3	3.25	16.5	3.27	16.9	3.32	17.2	3.37
	35	14.1	3.27	15.0	3.31	15.7	3.36	16.0	3.38	16.2	3.40	16.6	3.45	16.9	3.50
	37	13.9	3.40	14.8	3.45	15.5	3.50	15.7	3.52	15.9	3.54	16.3	3.59	16.6	3.64
	39	13.7	3.54	14.6	3.59	15.2	3.64	15.4	3.66	15.6	3.69	16.0	3.73	16.3	3.78
90%	10	14.2	1.71	15.8	1.72	16.7	1.73	17.1	1.74	17.5	1.75	18.1	1.77	18.5	1.79
	12	14.2	1.76	15.6	1.77	16.5	1.79	16.9	1.80	17.3	1.81	17.8	1.83	18.2	1.85
	14	14.2	1.82	15.5	1.83	16.3	1.85	16.7	1.86	17.0	1.87	17.6	1.90	18.0	1.92
	16	14.2	1.88	15.3	1.90	16.1	1.92	16.5	1.93	16.8	1.94	17.4	1.97	17.7	1.99
	18	14.1	1.94	15.1	1.97	15.9	1.99	16.3	2.00	16.6	2.02	17.1	2.04	17.4	2.07
	20	13.9	2.02	14.9	2.04	15.7	2.07	16.1	2.08	16.4	2.10	16.9	2.12	17.2	2.15
	21	13.9	2.05	14.8	2.08	15.6	2.11	16.0	2.12	16.3	2.14	16.7	2.17	17.1	2.20
	23	13.7	2.13	14.7	2.16	15.4	2.19	15.8	2.21	16.1	2.22	16.5	2.25	16.8	2.28
	25	13.5	2.22	14.5	2.25	15.2	2.28	15.6	2.29	15.8	2.31	16.2	2.34	16.5	2.38
	27	13.4	2.30	14.3	2.34	15.0	2.37	15.3	2.39	15.6	2.40	16.0	2.44	16.3	2.47
	29	13.2	2.40	14.1	2.43	14.8	2.47	15.1	2.48	15.3	2.50	15.7	2.54	16.0	2.57
	31	13.0	2.49	13.9	2.53	14.6	2.57	14.9	2.59	15.1	2.60	15.4	2.64	15.7	2.68
	33	12.9	2.60	13.7	2.63	14.4	2.67	14.6	2.69	14.8	2.71	15.2	2.75	15.5	2.79
	35	12.7	2.70	13.5	2.74	14.2	2.78	14.4	2.80	14.6	2.82	14.9	2.86	15.2	2.90
	37	12.7	3.14	13.5	3.15	14.2	3.16	14.4	3.16	14.6	3.17	14.9	3.18	15.2	3.19
	39	12.7	3.42	13.5	3.43	14.2	3.44	14.4	3.45	14.6	3.45	14.9	3.47	15.2	3.48
80%	10	12.6	1.40	14.0	1.40	14.8	1.40	15.2	1.40	15.5	1.41	16.1	1.42	16.5	1.43
	12	12.6	1.44	13.9	1.44	14.7	1.45	15.0	1.45	15.3	1.46	15.9	1.47	16.2	1.48
	14	12.6	1.48	13.7	1.49	14.5	1.50	14.8	1.50	15.2	1.51	15.6	1.52	16.0	1.54
	16	12.6	1.53	13.6	1.54	14.3	1.55	14.7	1.56	15.0	1.57	15.4	1.58	15.7	1.60
	18	12.5	1.58	13.4	1.60	14.2	1.61	14.5	1.62	14.8	1.63	15.2	1.64	15.5	1.66
	20	12.4	1.64	13.3	1.66	14.0	1.68	14.3	1.69	14.6	1.69	15.0	1.71	15.3	1.72
	21	12.3	1.67	13.2	1.69	13.9	1.71	14.2	1.72	14.5	1.73	14.9	1.74	15.2	1.76
	23	12.2	1.73	13.0	1.76	13.7	1.78	14.0	1.79	14.3	1.80	14.6	1.82	14.9	1.83
	25	12.0	1.80	12.9	1.83	13.5	1.85	13.8	1.86	14.1	1.87	14.4	1.89	14.7	1.91
	27	11.9	1.87	12.7	1.90	13.4	1.93	13.6	1.94	13.9	1.95	14.2	1.97	14.5	1.99
	29	11.7	1.95	12.5	1.98	13.2	2.01	13.4	2.02	13.6	2.03	14.0	2.05	14.2	2.07
	31	11.6	2.03	12.4	2.06	13.0	2.09	13.2	2.10	13.4	2.12	13.7	2.14	14.0	2.16
	33	11.4	2.11	12.2	2.14	12.8	2.18	13.0	2.19	13.2	2.21	13.5	2.23	13.8	2.26
	35	11.3	2.20	12.0	2.23	12.6	2.27	12.8	2.28	13.0	2.30	13.2	2.33	13.5	2.36
	37	11.3	2.64	12.0	2.64	12.6	2.64	12.8	2.64	13.0	2.63	13.2	2.63	13.5	2.63
	39	11.3	2.88	12.0	2.88	12.6	2.88	12.8	2.88	13.0	2.88	13.2	2.88	13.5	2.88
70%	10	11.0	1.11	12.3	1.11	13.0	1.11	13.3	1.11	13.6	1.11	14.1	1.12	14.4	1.13
	12	11.0	1.14	12.2	1.14	12.8	1.14	13.1	1.14	13.4	1.15	13.9	1.15	14.2	1.16
	14	11.0	1.18	12.0	1.18	12.7	1.18	13.0	1.19	13.3	1.19	13.7	1.19	14.0	1.20
	16	11.0	1.22	11.9	1.22	12.6	1.23	12.8	1.23	13.1	1.23	13.5	1.24	13.8	1.24
	18	11.0	1.26	11.7	1.27	12.4	1.27	12.7	1.28	12.9	1.28	13.3	1.29	13.6	1.29
	20	10.8	1.30	11.6	1.31	12.2	1.32	12.5	1.33	12.8	1.33	13.1	1.34	13.4	1.34
	21	10.8	1.33	11.5	1.34	12.2	1.35	12.4	1.36	12.7	1.36	13.0	1.37	13.3	1.37
	23	10.7	1.38	11.4	1.39	12.0	1.41	12.3	1.41	12.5	1.42	12.8	1.42	13.1	1.43
	25	10.5	1.43	11.3	1.45	11.9	1.47	12.1	1.47	12.3	1.48	12.6	1.49	12.9	1.49
	27	10.4	1.49	11.1	1.51	11.7	1.53	11.9	1.54	12.1	1.54	12.4	1.55	12.7	1.56
	29	10.3	1.56	11.0	1.58	11.5	1.59	11.8	1.60	11.9	1.61	12.2	1.62	12.5	1.63
	31	10.1	1.62	10.8	1.64	11.4	1.66	11.6	1.67	11.7	1.68	12.0	1.69	12.2	1.70
	33	10.0	1.69	10.7	1.71	11.2	1.74	11.4	1.75	11.5	1.75	11.8	1.77	12.0	1.78
	35	9.89	1.77	10.5	1.79	11.0	1.81	11.2	1.82	11.3	1.83	11.6	1.85	11.8	1.87
	37	9.89	2.13	10.5	2.11	11.0	2.10	11.2	2.10	11.3	2.09	11.6	2.08	11.8	2.07
	39	9.89	2.33	10.5	2.32	11.0	2.30	11.2	2.30	11.3	2.29	11.6	2.28	11.8	2.27
60%	10	9.46	0.86	10.5	0.85	11.1	0.85	11.4	0.85	11.6	0.85	12.1	0.86	12.3	0.88
	12	9.46	0.88	10.4	0.88	11.0	0.88	11.3	0.88	11.5	0.88	11.9	0.88	12.2	0.89
	14	9.46	0.91	10.3	0.91	10.9	0.90	11.1	0.90	11.4	0.91	11.7	0.91	12.0	0.92
	16	9.46	0.94	10.2	0.94	10.8	0.94	11.0	0.94	11.2	0.94	11.6	0.94	11.8	0.94
	18	9.41	0.97	10.1	0.97	10.6	0.97	10.9	0.97	11.1	0.97	11.4	0.97	11.6	0.97
	20	9.30	1.01	9.95	1.01	10.5	1.01	10.7	1.01	10.9	1.01	11.2	1.01	11.5	1.01
	21	9.24	1.03	9.89	1.03	10.4	1.03	10.7	1.03	10.9	1.03	11.2	1.03	11.4	1.03
	23	9.14	1.07	9.77	1.07	10.3	1.08	10.5	1.08	10.7	1.08	11.0	1.08	11.2	1.07
	25	9.03	1.11	9.65	1.12	10.2	1.12	10.4	1.13	10.6	1.13	10.8	1.12	11.0	1.12
	27	8.92	1.16	9.53	1.17	10.0	1.18	10.2	1.18	10.4	1.18	10.6	1.18	10.8	1.17
	29	8.81	1.22	9.41	1.22	9.88	1.23	10.1	1.23	10.2	1.23	10.5	1.23	10.7	1.23
	31	8.70	1.27	9.28	1.28	9.74	1.29	9.92	1.29	10.1	1.29	10.3	1.29	10.5	1.29
	33	8.59	1.34	9.16	1.34	9.59	1.35	9.76	1.35	9.90	1.36	10.1	1.36	10.3	1.36
	35	8.47	1.40	9.02	1.41	9.44	1.42	9.60	1.42	9.73	1.42	9.94	1.43	10.1	1.44
	37	8.47	1.72	9.02	1.70	9.44	1.69	9.60	1.68	9.73	1.67	9.94	1.66	10.1	1.64
	39	8.47	1.90	9.02	1.88	9.44	1.87	9.60	1.86	9.73	1.85	9.94	1.84	10.1	1.82
50%	10	7.88	0.64	8.78	0.63	9.28	0.63	9.50	0.64	9.70	0.64	10.1	0.66	10.3	0.68
	12	7.88	0.66	8.68	0.65	9.18	0.65	9.39	0.65	9.59	0.65	9.92	0.66	10.1	0.68
	14	7.88	0.67	8.58	0.67	9.07	0.66	9.28	0.66	9.47	0.67	9.78	0.67	9.99	0.68
	16	7.88	0.70	8.49	0.69	8.96	0.68	9.17	0.68	9.35	0.68	9.64	0.68	9.84	0.69
	18	7.84	0.72	8.39	0.72	8.86	0.71	9.06	0.71	9.23	0.71	9.52	0.70	9.69	0.70
	20	7.75	0.75	8.29	0.74	8.75	0.74	8.94	0.73	9.11	0.73	9.37	0.73	9.55	0.72
	21	7.70	0.77	8.24	0.76	8.69	0.75	8.88	0.75	9.05	0.75	9.30	0.74	9.48	0.74
	23	7.61	0.81	8.15	0.80	8.58	0.79	8.76	0.78	8.92	0.78	9.15	0.77	9.33	0.77
	25	7.52	0.85	8.05	0.83	8.47	0.83	8.64	0.82	8.79	0.82	9.01	0.81	9.18	0.80
	27	7.43	0.89	7.94	0.88	8.35	0.87	8.52	0.86	8.66	0.86	8.87	0.85	9.04	0.84
	29	7.34	0.93	7.84	0.92	8.24	0.92	8.39	0.91	8.53	0.91	8.72	0.90	8.89	0.89
	31	7.25	0.99	7.74	0.97	8.12	0.97	8.27	0.96	8.39	0.96	8.58	0.95	8.75	0.94
	33	7.16	1.04	7.63	1.03	7.99	1.02	8.13	1.02	8.25	1.01	8.43	1.00	8.60	1.00
	35	7.06	1.10	7.52	1.09	7.87	1.08	8.00	1.07	8.11	1.07	8.28	1.06	8.45	1.06
	37	7.06	1.32	7.52	1.31	7.87	1.29	8.00	1.28	8.11	1.28	8.28	1.26	8.45	1.24
	39	7.06	1.48	7.52	1.47	7.87	1.45	8.00	1.44	8.11	1.43	8.28	1.42	8.45	1.40
40%	10	6.30	0.70	7.02	0.69	7.42	0.69	7.60	0.69	7.76	0.70	8.04	0.71	8.23	0.74
	12	6.30	0.71	6.94	0.70	7.34	0.70	7.51	0.70	7.67	0.71	7.93	0.72	8.11	0.73
	14	6.30	0.73	6.87	0.72	7.26	0.72	7.42	0.72	7.58	0.72	7.82	0.73	7.99	0.74
	16	6.30	0.76	6.79	0.75	7.17	0.74	7.34	0.74	7.48	0.74	7.71	0.74	7.87	0.75
	18	6.27	0.79	6.71	0.78	7.09	0.77	7.25	0.77	7.39	0.77	7.60	0.76	7.76	0.76
	20	6.20	0.82	6.63	0.81	7.00	0.80	7.15	0.80	7.29	0.80	7.49	0.79	7.64	0.79
	21	6.16	0.84	6.60	0.83	6.95	0.82	7.11	0.82	7.24	0.81	7.44	0.81	7.58	0.80
	23	6.09	0.88	6.52	0.86	6.87	0.86	7.01	0.85	7.14	0.85	7.32	0.84	7.46	0.83
	25	6.02	0.92	6.44	0.91	6.77	0.90	6.91	0.89	7.03	0.89	7.21	0.88	7.35	0.87
	27	5.95	0.96	6.36	0.95	6.68	0.94	6.82	0.94	6.93	0.93	7.10	0.92	7.23	0.91
	29	5.87	1.02	6.27	1.00	6.59	0.99	6.72	0.99	6.82	0.98	6.98	0.97	7.11	0.96
	31	5.80	1.07	6.19	1.06	6.49	1.05	6.61	1.04	6.71	1.04	6.86	1.03	7.00	1.02
	33	5.72	1.13	6.10	1.12	6.40	1.11	6.51	1.10	6.60	1.10	6.74	1.09	6.88	1.08
	35	5.65	1.21	6.02	1.19	6.30	1.18	6.40	1.17	6.48	1.16	6.62	1.14	6.76	1.13
	37	5.65	1.33	6.02	1.32	6.30	1.30	6.40	1.29	6.48	1.29	6.62	1.27	6.76	1.25
	39	5.65	1.46	6.02	1.44	6.30	1.43	6.40	1.42	6.48	1.41	6.62	1.40	6.76	1.38
30%	10	5.07	0.73	5.41	0.72	5.77	0.72	5.95	0.73	6.13	0.73	6.50	0.75	6.89	0.77
	12	5.00	0.75	5.34	0.74	5.69	0.74	5.86	0.74	6.04	0.74	6.41	0.75	6.79	0.77
	14	4.93	0.77	5.26	0.76	5.61	0.76	5.78	0.76	5.96	0.76	6.32	0.76	6.70	0.77
	16	4.86	0.79	5.19	0.79	5.53	0.78	5.70	0.78	5.87	0.78	6.23	0.78	6.60	0.78
	18	4.78	0.82	5.11	0.81	5.44	0.81	5.61	0.81	5.78	0.80	6.14	0.80	6.50	0.80
	20	4.71	0.86	5.03	0.85	5.36	0.84	5.52	0.84	5.69	0.83	6.04	0.83	6.40	0.82
	21	4.67	0.88	4.99	0.87	5.31	0.86	5.48	0.85	5.65	0.85	5.99	0.84	6.35	0.84
	23	4.59	0.92	4.90	0.91	5.22	0.90	5.39	0.89	5.55	0.89	5.89	0.88	6.24	0.87
	25	4.51	0.96	4.81	0.95	5.13	0.94	5.29	0.94	5.46	0.93	5.79	0.92	6.14	0.91
	27	4.42	1.01	4.73	1.00	5.04	0.99	5.20	0.98	5.36	0.98	5.69	0.97	6.03	0.96
	29	4.34	1.07	4.64	1.05	4.94	1.04	5.10	1.04	5.26	1.03	5.59	1.02	5.92	1.01
	31	4.25	1.12	4.54	1.11	4.85	1.10	5.00	1.10	5.16	1.09	5.48	1.08	5.81	1.07
	33	4.16	1.18	4.45	1.17	4.75	1.16	4.90	1.16	5.06	1.15	5.37	1.14	5.70	1.13
	35	4.07	1.27	4.35	1.25	4.65	1.23	4.80	1.22	4.95	1.22	5.26	1.20	5.58	1.18
	37	4.07	1.40	4.35	1.38	4.65	1.37	4.80	1.36	4.95	1.35	5.26	1.33	5.58	1.32
	39	4.07	1.53	4.35	1.51	4.65	1.50	4.80	1.49	4.95	1.48	5.26	1.47	5.58	1.45

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ8AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	25.4	3.18	27.0	3.23	28.3	3.27	28.7	3.30	29.0	3.32	29.7	3.37	30.3	3.43
	12	25.1	3.28	26.7	3.33	27.9	3.38	28.3	3.41	28.6	3.43	29.2	3.49	29.9	3.55
	14	24.8	3.39	26.4	3.44	27.5	3.50	27.9	3.53	28.2	3.55	28.8	3.62	29.5	3.68
	16	24.5	3.51	26.0	3.56	27.1	3.62	27.5	3.65	27.8	3.68	28.4	3.75	29.1	3.82
	18	24.3	3.64	25.7	3.69	26.7	3.75	27.0	3.79	27.4	3.82	28.0	3.89	28.6	3.96
	20	24.0	3.78	25.4	3.83	26.3	3.89	26.6	3.93	27.0	3.96	27.6	4.03	28.2	4.11
	21	23.8	3.85	25.2	3.90	26.1	3.97	26.4	4.00	26.7	4.04	27.4	4.11	28.0	4.19
	23	23.5	4.00	24.9	4.06	25.7	4.12	26.0	4.16	26.3	4.19	27.0	4.27	27.6	4.35
	25	23.2	4.15	24.5	4.21	25.3	4.28	25.6	4.32	25.9	4.35	26.6	4.43	27.2	4.52
	27	22.9	4.32	24.1	4.38	24.9	4.45	25.2	4.49	25.5	4.53	26.2	4.61	26.8	4.69
	29	22.6	4.49	23.8	4.56	24.5	4.63	24.8	4.66	25.1	4.70	25.8	4.79	26.4	4.87
	31	22.3	4.68	23.4	4.74	24.1	4.81	24.4	4.85	24.7	4.89	25.4	4.97	26.0	5.06
	33	22.0	4.87	23.0	4.94	23.7	5.01	24.0	5.04	24.3	5.08	25.0	5.17	25.6	5.26
	35	21.6	5.07	22.6	5.14	23.3	5.21	23.6	5.25	23.9	5.29	24.5	5.37	25.2	5.46
	37	21.3	5.28	22.2	5.35	22.8	5.42	23.2	5.46	23.5	5.49	24.1	5.58	24.8	5.67
	39	21.0	5.50	21.8	5.56	22.4	5.64	22.7	5.67	23.1	5.71	23.7	5.80	24.3	5.88
120%	10	24.6	3.17	26.3	3.21	27.6	3.26	28.2	3.28	28.6	3.31	29.2	3.36	29.8	3.41
	12	24.4	3.27	26.0	3.32	27.3	3.37	27.8	3.39	28.2	3.42	28.8	3.47	29.4	3.53
	14	24.1	3.39	25.7	3.43	26.9	3.48	27.4	3.51	27.8	3.54	28.4	3.60	29.0	3.66
	16	23.8	3.50	25.4	3.55	26.6	3.61	27.0	3.63	27.4	3.66	28.0	3.73	28.6	3.80
	18	23.5	3.63	25.1	3.68	26.2	3.74	26.7	3.77	27.0	3.80	27.6	3.87	28.1	3.94
	20	23.3	3.77	24.8	3.82	25.9	3.88	26.3	3.91	26.6	3.94	27.1	4.01	27.7	4.09
	21	23.1	3.84	24.6	3.89	25.7	3.95	26.1	3.98	26.3	4.02	26.9	4.09	27.5	4.17
	23	22.9	3.98	24.3	4.04	25.3	4.10	25.6	4.14	25.9	4.17	26.5	4.25	27.1	4.33
	25	22.6	4.14	24.0	4.20	24.9	4.26	25.2	4.30	25.5	4.33	26.1	4.41	26.7	4.49
	27	22.3	4.31	23.6	4.36	24.5	4.43	24.8	4.47	25.1	4.50	25.7	4.58	26.3	4.67
	29	22.0	4.48	23.3	4.54	24.1	4.61	24.4	4.64	24.7	4.68	25.3	4.76	25.9	4.85
	31	21.7	4.66	22.9	4.72	23.7	4.79	24.0	4.83	24.3	4.87	24.9	4.95	25.5	5.04
	33	21.4	4.85	22.6	4.91	23.3	4.99	23.6	5.02	23.9	5.06	24.5	5.15	25.1	5.23
	35	21.1	5.05	22.2	5.11	22.9	5.19	23.2	5.23	23.5	5.27	24.1	5.35	24.7	5.44
	37	20.8	5.26	21.9	5.32	22.5	5.40	22.8	5.44	23.1	5.47	23.7	5.56	24.3	5.65
	39	20.5	5.47	21.5	5.54	22.1	5.61	22.4	5.65	22.7	5.69	23.3	5.78	23.8	5.86
110%	10	23.8	3.16	25.5	3.20	26.8	3.24	27.5	3.27	28.0	3.29	28.8	3.34	29.3	3.39
	12	23.5	3.26	25.2	3.30	26.5	3.35	27.1	3.38	27.6	3.40	28.3	3.46	28.9	3.51
	14	23.3	3.37	24.9	3.42	26.2	3.47	26.8	3.49	27.2	3.52	27.9	3.58	28.5	3.64
	16	23.0	3.49	24.6	3.54	25.9	3.59	26.4	3.62	26.9	3.65	27.5	3.71	28.1	3.78
	18	22.8	3.62	24.3	3.66	25.6	3.72	26.1	3.75	26.5	3.78	27.1	3.85	27.6	3.92
	20	22.5	3.75	24.0	3.80	25.3	3.86	25.7	3.89	26.1	3.92	26.7	3.99	27.2	4.07
	21	22.4	3.82	23.9	3.87	25.1	3.93	25.5	3.96	25.9	4.00	26.5	4.07	27.0	4.14
	23	22.1	3.97	23.6	4.02	24.7	4.08	25.2	4.12	25.5	4.15	26.1	4.22	26.6	4.30
	25	21.9	4.13	23.3	4.18	24.4	4.24	24.8	4.28	25.1	4.31	25.7	4.39	26.2	4.47
	27	21.6	4.29	23.0	4.35	24.0	4.41	24.4	4.45	24.7	4.48	25.3	4.56	25.8	4.65
	29	21.3	4.46	22.7	4.52	23.7	4.59	24.0	4.62	24.3	4.66	24.9	4.74	25.4	4.83
	31	21.1	4.64	22.4	4.70	23.3	4.77	23.7	4.81	23.9	4.85	24.5	4.93	25.0	5.01
	33	20.8	4.83	22.0	4.89	22.9	4.97	23.3	5.00	23.5	5.04	24.0	5.12	24.6	5.21
	35	20.5	5.03	21.7	5.09	22.5	5.17	22.8	5.21	23.1	5.24	23.6	5.33	24.2	5.41
	37	20.2	5.23	21.4	5.30	22.1	5.38	22.4	5.42	22.7	5.45	23.2	5.54	23.8	5.62
	39	19.9	5.45	21.0	5.52	21.7	5.59	22.0	5.63	22.3	5.67	22.8	5.75	23.3	5.84
100%	10	22.1	3.13	24.6	3.17	26.0	3.22	26.6	3.24	27.2	3.26	28.1	3.31	28.8	3.36
	12	22.1	3.23	24.3	3.27	25.7	3.32	26.3	3.34	26.8	3.37	27.8	3.42	28.4	3.48
	14	22.1	3.34	24.0	3.39	25.4	3.43	26.0	3.46	26.5	3.49	27.4	3.54	28.0	3.61
	16	22.1	3.46	23.8	3.50	25.1	3.55	25.7	3.58	26.2	3.61	27.0	3.67	27.6	3.74
	18	22.0	3.59	23.5	3.63	24.8	3.68	25.4	3.71	25.9	3.74	26.6	3.81	27.1	3.88
	20	21.7	3.72	23.2	3.77	24.5	3.82	25.0	3.85	25.5	3.88	26.2	3.95	26.7	4.02
	21	21.6	3.80	23.1	3.84	24.3	3.89	24.9	3.92	25.3	3.96	26.0	4.02	26.5	4.10
	23	21.3	3.94	22.8	3.99	24.0	4.05	24.5	4.08	25.0	4.11	25.6	4.18	26.1	4.26
	25	21.1	4.10	22.5	4.15	23.7	4.21	24.2	4.24	24.6	4.27	25.2	4.34	25.7	4.42
	27	20.8	4.26	22.2	4.31	23.4	4.37	23.9	4.41	24.3	4.44	24.8	4.51	25.3	4.60
	29	20.6	4.44	22.0	4.49	23.1	4.55	23.5	4.58	23.9	4.62	24.4	4.69	24.9	4.78
	31	20.3	4.62	21.7	4.67	22.7	4.74	23.1	4.77	23.5	4.81	24.0	4.88	24.5	4.96
	33	20.0	4.80	21.4	4.86	22.4	4.93	22.8	4.97	23.1	5.00	23.6	5.08	24.1	5.16
	35	19.8	5.00	21.1	5.06	22.0	5.13	22.4	5.17	22.7	5.21	23.2	5.28	23.7	5.36
	37	19.5	5.21	20.7	5.27	21.7	5.35	22.0	5.38	22.3	5.42	22.8	5.49	23.3	5.57
	39	19.2	5.42	20.4	5.49	21.3	5.57	21.6	5.60	21.9	5.64	22.3	5.71	22.8	5.78
90%	10	19.9	2.61	22.1	2.63	23.4	2.65	23.9	2.66	24.4	2.67	25.3	2.70	25.9	2.74
	12	19.9	2.69	21.9	2.71	23.1	2.74	23.7	2.75	24.2	2.77	25.0	2.80	25.5	2.84
	14	19.9	2.78	21.6	2.80	22.9	2.83	23.4	2.85	23.9	2.87	24.6	2.90	25.2	2.94
	16	19.9	2.87	21.4	2.90	22.6	2.94	23.1	2.95	23.6	2.97	24.3	3.01	24.8	3.05
	18	19.8	2.97	21.1	3.01	22.3	3.05	22.8	3.07	23.3	3.09	24.0	3.13	24.4	3.17
	20	19.5	3.08	20.9	3.12	22.0	3.16	22.5	3.18	23.0	3.21	23.6	3.25	24.1	3.29
	21	19.4	3.14	20.8	3.18	21.9	3.22	22.4	3.25	22.8	3.27	23.4	3.31	23.9	3.36
	23	19.2	3.26	20.5	3.30	21.6	3.35	22.1	3.37	22.5	3.40	23.1	3.44	23.5	3.49
	25	19.0	3.39	20.3	3.44	21.3	3.48	21.8	3.51	22.2	3.53	22.7	3.58	23.1	3.63
	27	18.7	3.52	20.0	3.57	21.1	3.63	21.5	3.65	21.8	3.68	22.4	3.73	22.8	3.78
	29	18.5	3.67	19.8	3.72	20.8	3.77	21.2	3.80	21.5	3.83	22.0	3.88	22.4	3.94
	31	18.3	3.81	19.5	3.87	20.5	3.93	20.8	3.96	21.1	3.98	21.6	4.04	22.0	4.10
	33	18.0	3.97	19.2	4.03	20.1	4.09	20.5	4.12	20.8	4.15	21.2	4.21	21.7	4.27
	35	17.8	4.14	19.0	4.19	19.8	4.26	20.2	4.29	20.4	4.32	20.9	4.38	21.3	4.44
	37	17.8	4.80	19.0	4.82	19.8	4.83	20.2	4.84	20.4	4.85	20.9	4.86	21.3	4.87
	39	17.8	5.23	19.0	5.25	19.8	5.26	20.2	5.27	20.4	5.28	20.9	5.30	21.3	5.32
80%	10	17.6	2.13	19.7	2.13	20.8	2.14	21.3	2.15	21.7	2.15	22.5	2.17	23.0	2.19
	12	17.6	2.20	19.4	2.20	20.6	2.21	21.0	2.22	21.5	2.23	22.2	2.25	22.7	2.27
	14	17.6	2.26	19.2	2.28	20.3	2.29	20.8	2.30	21.2	2.31	21.9	2.33	22.4	2.35
	16	17.6	2.34	19.0	2.36	20.1	2.38	20.5	2.39	20.9	2.40	21.6	2.42	22.0	2.44
	18	17.6	2.42	18.8	2.44	19.8	2.47	20.3	2.48	20.7	2.49	21.3	2.51	21.7	2.53
	20	17.4	2.51	18.6	2.54	19.6	2.56	20.0	2.58	20.4	2.59	21.0	2.61	21.4	2.64
	21	17.3	2.55	18.5	2.58	19.5	2.61	19.9	2.63	20.3	2.64	20.8	2.67	21.2	2.69
	23	17.1	2.65	18.2	2.69	19.2	2.72	19.6	2.74	20.0	2.75	20.5	2.78	20.9	2.80
	25	16.9	2.75	18.0	2.79	19.0	2.83	19.4	2.85	19.7	2.86	20.2	2.89	20.6	2.92
	27	16.6	2.86	17.8	2.91	18.7	2.95	19.1	2.97	19.4	2.98	19.9	3.01	20.2	3.04
	29	16.4	2.98	17.6	3.02	18.4	3.07	18.8	3.09	19.1	3.11	19.5	3.14	19.9	3.17
	31	16.2	3.10	17.3	3.15	18.2	3.20	18.5	3.22	18.8	3.24	19.2	3.28	19.6	3.31
	33	16.0	3.23	17.1	3.28	17.9	3.33	18.2	3.35	18.5	3.37	18.9	3.42	19.3	3.46
	35	15.8	3.37	16.8	3.42	17.6	3.47	17.9	3.49	18.2	3.52	18.5	3.56	18.9	3.61
	37	15.8	4.04	16.8	4.04	17.6	4.03	17.9	4.03	18.2	4.03	18.5	4.03	18.9	4.02
	39	15.8	4.41	16.8	4.41	17.6	4.41	17.9	4.41	18.2	4.41	18.5	4.41	18.9	4.41

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	15.4	1.70	17.2	1.69	18.2	1.69	18.6	1.69	19.0	1.70	19.7	1.71	20.2	1.73
	12	15.4	1.75	17.0	1.75	18.0	1.75	18.4	1.75	18.8	1.75	19.4	1.76	19.9	1.78
	14	15.4	1.80	16.8	1.80	17.8	1.81	18.2	1.81	18.6	1.82	19.2	1.83	19.6	1.84
	16	15.4	1.86	16.6	1.87	17.6	1.88	18.0	1.88	18.3	1.89	18.9	1.89	19.3	1.90
	18	15.4	1.92	16.4	1.94	17.4	1.95	17.8	1.95	18.1	1.96	18.7	1.97	19.0	1.97
	20	15.2	1.99	16.3	2.01	17.1	2.03	17.5	2.03	17.9	2.04	18.4	2.05	18.7	2.05
	21	15.1	2.03	16.2	2.05	17.0	2.07	17.4	2.07	17.7	2.08	18.2	2.09	18.6	2.09
	23	14.9	2.11	16.0	2.13	16.8	2.15	17.2	2.16	17.5	2.17	17.9	2.18	18.3	2.18
	25	14.7	2.19	15.8	2.22	16.6	2.24	16.9	2.25	17.2	2.26	17.7	2.27	18.0	2.28
	27	14.6	2.28	15.6	2.31	16.4	2.34	16.7	2.35	17.0	2.36	17.4	2.37	17.7	2.38
	29	14.4	2.38	15.4	2.41	16.1	2.44	16.5	2.45	16.7	2.46	17.1	2.48	17.4	2.49
	31	14.2	2.48	15.2	2.51	15.9	2.54	16.2	2.56	16.4	2.57	16.8	2.59	17.1	2.61
	33	14.0	2.59	15.0	2.62	15.7	2.66	15.9	2.67	16.2	2.68	16.5	2.71	16.9	2.73
	35	13.8	2.71	14.7	2.74	15.4	2.77	15.7	2.79	15.9	2.80	16.2	2.83	16.6	2.86
	37	13.8	3.25	14.7	3.23	15.4	3.22	15.7	3.21	15.9	3.20	16.2	3.18	16.6	3.16
	39	13.8	3.56	14.7	3.54	15.4	3.53	15.7	3.52	15.9	3.51	16.2	3.49	16.6	3.48
60%	10	13.2	1.32	14.7	1.31	15.6	1.30	16.0	1.30	16.3	1.31	16.9	1.32	17.3	1.34
	12	13.2	1.35	14.6	1.34	15.4	1.34	15.8	1.34	16.1	1.34	16.7	1.35	17.0	1.37
	14	13.2	1.39	14.4	1.38	15.2	1.38	15.6	1.38	15.9	1.39	16.4	1.39	16.8	1.40
	16	13.2	1.43	14.3	1.43	15.1	1.43	15.4	1.43	15.7	1.43	16.2	1.44	16.5	1.44
	18	13.2	1.48	14.1	1.49	14.9	1.49	15.2	1.49	15.5	1.49	16.0	1.49	16.3	1.49
	20	13.0	1.54	13.9	1.54	14.7	1.55	15.0	1.55	15.3	1.55	15.7	1.55	16.0	1.54
	21	12.9	1.57	13.9	1.58	14.6	1.58	14.9	1.58	15.2	1.58	15.6	1.58	15.9	1.57
	23	12.8	1.63	13.7	1.64	14.4	1.65	14.7	1.65	15.0	1.65	15.4	1.65	15.7	1.64
	25	12.6	1.70	13.5	1.71	14.2	1.72	14.5	1.72	14.8	1.72	15.1	1.72	15.4	1.71
	27	12.5	1.78	13.3	1.79	14.0	1.80	14.3	1.80	14.6	1.80	14.9	1.80	15.2	1.79
	29	12.3	1.86	13.2	1.87	13.8	1.88	14.1	1.89	14.3	1.89	14.7	1.89	14.9	1.88
	31	12.2	1.95	13.0	1.96	13.6	1.97	13.9	1.98	14.1	1.98	14.4	1.98	14.7	1.98
	33	12.0	2.04	12.8	2.05	13.4	2.07	13.7	2.07	13.9	2.07	14.2	2.08	14.4	2.08
	35	11.9	2.14	12.6	2.15	13.2	2.17	13.4	2.17	13.6	2.18	13.9	2.19	14.2	2.20
	37	11.9	2.63	12.6	2.61	13.2	2.58	13.4	2.57	13.6	2.56	13.9	2.54	14.2	2.51
	39	11.9	2.90	12.6	2.88	13.2	2.86	13.4	2.85	13.6	2.84	13.9	2.81	14.2	2.79
50%	10	11.0	0.98	12.3	0.97	13.0	0.97	13.3	0.98	13.6	0.98	14.1	1.00	14.4	1.04
	12	11.0	1.00	12.2	0.99	12.8	0.99	13.1	0.99	13.4	1.00	13.9	1.01	14.2	1.03
	14	11.0	1.03	12.0	1.02	12.7	1.02	13.0	1.02	13.3	1.02	13.7	1.03	14.0	1.04
	16	11.0	1.07	11.9	1.05	12.6	1.05	12.8	1.05	13.1	1.04	13.5	1.05	13.8	1.05
	18	11.0	1.11	11.7	1.09	12.4	1.09	12.7	1.08	12.9	1.08	13.3	1.08	13.6	1.08
	20	10.8	1.15	11.6	1.14	12.2	1.13	12.5	1.12	12.8	1.12	13.1	1.11	13.4	1.11
	21	10.8	1.18	11.5	1.16	12.2	1.15	12.4	1.15	12.7	1.14	13.0	1.13	13.3	1.13
	23	10.7	1.23	11.4	1.22	12.0	1.21	12.3	1.20	12.5	1.19	12.8	1.18	13.1	1.17
	25	10.5	1.29	11.3	1.28	11.9	1.26	12.1	1.26	12.3	1.25	12.6	1.24	12.9	1.22
	27	10.4	1.36	11.1	1.34	11.7	1.33	11.9	1.32	12.1	1.31	12.4	1.30	12.7	1.29
	29	10.3	1.43	11.0	1.41	11.5	1.40	11.8	1.39	11.9	1.39	12.2	1.37	12.5	1.36
	31	10.1	1.51	10.8	1.49	11.4	1.48	11.6	1.47	11.7	1.46	12.0	1.45	12.2	1.43
	33	10.0	1.59	10.7	1.57	11.2	1.56	11.4	1.55	11.5	1.55	11.8	1.53	12.0	1.52
	35	9.89	1.68	10.5	1.66	11.0	1.65	11.2	1.64	11.3	1.64	11.6	1.63	11.8	1.62
	37	9.89	2.03	10.5	2.00	11.0	1.98	11.2	1.96	11.3	1.95	11.6	1.93	11.8	1.90
	39	9.89	2.27	10.5	2.24	11.0	2.22	11.2	2.21	11.3	2.19	11.6	2.17	11.8	2.15
40%	10	8.82	1.06	9.83	1.05	10.4	1.05	10.6	1.06	10.9	1.07	11.3	1.09	11.5	1.13
	12	8.82	1.09	9.72	1.08	10.3	1.08	10.5	1.08	10.7	1.08	11.1	1.10	11.4	1.12
	14	8.82	1.12	9.61	1.11	10.2	1.10	10.4	1.10	10.6	1.11	11.0	1.11	11.2	1.13
	16	8.82	1.16	9.51	1.15	10.0	1.14	10.3	1.14	10.5	1.14	10.8	1.14	11.0	1.14
	18	8.78	1.20	9.40	1.19	9.92	1.18	10.1	1.18	10.3	1.17	10.6	1.17	10.9	1.17
	20	8.68	1.25	9.29	1.24	9.80	1.23	10.0	1.22	10.2	1.22	10.5	1.21	10.7	1.20
	21	8.63	1.28	9.23	1.26	9.74	1.25	9.95	1.25	10.1	1.24	10.4	1.23	10.6	1.22
	23	8.53	1.34	9.12	1.32	9.61	1.31	9.82	1.30	9.99	1.30	10.3	1.28	10.4	1.27
	25	8.43	1.40	9.01	1.39	9.48	1.37	9.68	1.37	9.85	1.36	10.1	1.34	10.3	1.33
	27	8.32	1.48	8.90	1.46	9.36	1.44	9.54	1.44	9.70	1.43	9.93	1.41	10.1	1.40
	29	8.22	1.55	8.78	1.54	9.22	1.52	9.40	1.51	9.55	1.51	9.77	1.49	9.96	1.47
	31	8.12	1.64	8.67	1.62	9.09	1.61	9.26	1.60	9.40	1.59	9.61	1.57	9.80	1.56
	33	8.01	1.73	8.55	1.71	8.95	1.70	9.11	1.69	9.24	1.68	9.44	1.67	9.63	1.65
	35	7.91	1.85	8.42	1.82	8.81	1.80	8.96	1.79	9.08	1.77	9.27	1.75	9.47	1.72
	37	7.91	2.04	8.42	2.02	8.81	1.99	8.96	1.98	9.08	1.97	9.27	1.94	9.47	1.92
	39	7.91	2.23	8.42	2.21	8.81	2.19	8.96	2.17	9.08	2.16	9.27	2.14	9.47	2.11
30%	10	7.10	1.12	7.58	1.10	8.07	1.11	8.32	1.11	8.58	1.12	9.10	1.14	9.64	1.18
	12	7.01	1.14	7.48	1.13	7.96	1.13	8.21	1.13	8.46	1.14	8.98	1.15	9.51	1.18
	14	6.91	1.18	7.37	1.16	7.85	1.16	8.10	1.16	8.34	1.16	8.85	1.17	9.37	1.18
	16	6.80	1.22	7.26	1.20	7.74	1.19	7.98	1.19	8.22	1.19	8.72	1.19	9.24	1.20
	18	6.70	1.26	7.15	1.25	7.62	1.24	7.86	1.23	8.10	1.23	8.59	1.23	9.10	1.23
	20	6.59	1.31	7.04	1.30	7.50	1.29	7.73	1.28	7.97	1.28	8.46	1.27	8.96	1.26
	21	6.53	1.34	6.98	1.33	7.44	1.31	7.67	1.31	7.91	1.30	8.39	1.29	8.89	1.28
	23	6.42	1.40	6.86	1.39	7.31	1.37	7.54	1.37	7.78	1.36	8.25	1.35	8.74	1.33
	25	6.31	1.47	6.74	1.46	7.19	1.44	7.41	1.43	7.64	1.42	8.11	1.41	8.59	1.39
	27	6.19	1.55	6.62	1.53	7.06	1.51	7.28	1.51	7.51	1.50	7.97	1.48	8.44	1.46
	29	6.07	1.63	6.49	1.61	6.92	1.60	7.14	1.59	7.37	1.58	7.82	1.56	8.29	1.54
	31	5.95	1.72	6.36	1.70	6.79	1.68	7.01	1.68	7.23	1.67	7.67	1.65	8.14	1.63
	33	5.82	1.81	6.23	1.79	6.65	1.78	6.86	1.77	7.08	1.76	7.52	1.75	7.98	1.74
	35	5.69	1.94	6.10	1.91	6.51	1.89	6.72	1.87	6.93	1.86	7.37	1.83	7.82	1.81
	37	5.69	2.14	6.10	2.11	6.51	2.09	6.72	2.08	6.93	2.06	7.37	2.04	7.82	2.01
	39	5.69	2.34	6.10	2.32	6.51	2.29	6.72	2.28	6.93	2.27	7.37	2.24	7.82	2.22

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ10AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	31.9	3.88	34.1	3.93	35.8	3.98	36.4	4.00	36.8	4.03	37.5	4.07	38.2	4.12
	12	31.6	4.10	33.7	4.15	35.2	4.20	35.7	4.22	36.1	4.25	36.9	4.30	37.6	4.35
	14	31.2	4.33	33.2	4.38	34.7	4.42	35.2	4.45	35.5	4.47	36.3	4.52	37.0	4.57
	16	30.8	4.55	32.8	4.60	34.1	4.65	34.6	4.67	35.0	4.70	35.7	4.74	36.4	4.79
	18	30.4	4.78	32.3	4.82	33.6	4.87	34.0	4.90	34.4	4.92	35.1	4.97	35.8	5.01
	20	30.0	4.98	31.9	5.05	33.1	5.10	33.5	5.12	33.8	5.14	34.6	5.19	35.3	5.24
	21	29.8	5.08	31.7	5.15	32.8	5.21	33.2	5.23	33.6	5.26	34.3	5.30	35.0	5.35
	23	29.4	5.27	31.2	5.35	32.3	5.43	32.7	5.46	33.1	5.48	33.8	5.53	34.5	5.57
	25	29.0	5.48	30.8	5.56	31.8	5.65	32.2	5.68	32.5	5.70	33.3	5.75	34.0	5.79
	27	28.7	5.70	30.3	5.78	31.3	5.87	31.7	5.90	32.0	5.93	32.7	5.97	33.5	6.02
	29	28.3	5.93	29.8	6.01	30.8	6.10	31.2	6.13	31.5	6.15	32.2	6.19	33.0	6.24
	31	27.9	6.17	29.4	6.26	30.3	6.33	30.7	6.35	31.1	6.37	31.7	6.42	32.5	6.46
	33	27.5	6.43	28.9	6.51	29.8	6.55	30.2	6.57	30.6	6.60	31.3	6.64	32.0	6.69
	35	27.1	6.69	28.5	6.73	29.4	6.78	29.8	6.80	30.1	6.82	30.8	6.86	31.5	6.91
	37	26.6	6.91	28.0	6.96	28.9	7.00	29.3	7.02	29.7	7.04	30.3	7.09	30.9	7.13
	39	26.2	7.14	27.5	7.18	28.4	7.22	28.8	7.25	29.2	7.27	29.8	7.31	30.4	7.35
120%	10	30.9	3.86	33.2	3.91	35.0	3.96	35.7	3.99	36.3	4.02	36.9	4.07	37.6	4.12
	12	30.5	4.08	32.7	4.14	34.4	4.19	35.1	4.22	35.6	4.24	36.3	4.30	37.0	4.35
	14	30.1	4.31	32.3	4.36	33.9	4.41	34.5	4.44	35.0	4.47	35.7	4.52	36.4	4.58
	16	29.8	4.53	31.8	4.58	33.4	4.64	34.0	4.67	34.4	4.70	35.1	4.75	35.8	4.81
	18	29.4	4.75	31.4	4.81	32.9	4.87	33.5	4.89	33.9	4.92	34.6	4.98	35.2	5.04
	20	29.1	4.97	31.0	5.03	32.4	5.09	32.9	5.12	33.3	5.15	34.0	5.21	34.7	5.26
	21	28.9	5.06	30.7	5.13	32.2	5.20	32.7	5.23	33.1	5.26	33.7	5.32	34.4	5.38
	23	28.6	5.26	30.3	5.33	31.7	5.41	32.1	5.46	32.5	5.49	33.2	5.55	33.9	5.61
	25	28.2	5.46	29.9	5.54	31.2	5.63	31.6	5.67	32.0	5.71	32.7	5.77	33.4	5.83
	27	27.9	5.68	29.5	5.76	30.7	5.85	31.1	5.90	31.5	5.94	32.2	6.00	32.9	6.06
	29	27.5	5.91	29.1	5.99	30.3	6.08	30.6	6.13	31.0	6.17	31.7	6.23	32.4	6.29
	31	27.1	6.15	28.7	6.23	29.8	6.33	30.2	6.36	30.5	6.39	31.2	6.46	31.8	6.52
	33	26.7	6.40	28.3	6.49	29.3	6.55	29.7	6.59	30.0	6.62	30.7	6.68	31.3	6.75
	35	26.4	6.65	27.9	6.71	28.8	6.78	29.2	6.81	29.6	6.84	30.2	6.91	30.8	6.98
	37	26.0	6.87	27.5	6.94	28.4	7.00	28.7	7.04	29.1	7.07	29.7	7.14	30.3	7.20
	39	25.6	7.10	27.1	7.16	27.9	7.23	28.3	7.26	28.6	7.30	29.2	7.36	29.8	7.43
110%	10	29.9	3.84	32.2	3.90	34.0	3.95	34.8	3.98	35.5	4.01	36.4	4.07	36.9	4.12
	12	29.5	4.06	31.7	4.12	33.5	4.18	34.3	4.21	34.9	4.24	35.8	4.30	36.3	4.36
	14	29.1	4.28	31.3	4.34	33.0	4.41	33.8	4.44	34.4	4.47	35.2	4.53	35.7	4.59
	16	28.8	4.51	30.8	4.57	32.6	4.63	33.3	4.66	33.8	4.70	34.6	4.76	35.2	4.82
	18	28.5	4.73	30.4	4.79	32.1	4.86	32.8	4.89	33.3	4.92	34.0	4.99	34.6	5.06
	20	28.1	4.95	30.0	5.02	31.6	5.09	32.3	5.12	32.7	5.15	33.4	5.22	34.0	5.29
	21	28.0	5.04	29.9	5.11	31.4	5.19	32.0	5.23	32.5	5.27	33.2	5.34	33.8	5.41
	23	27.7	5.24	29.5	5.31	31.0	5.39	31.5	5.43	32.0	5.48	32.6	5.57	33.3	5.64
	25	27.3	5.44	29.1	5.52	30.5	5.60	31.0	5.65	31.5	5.69	32.1	5.79	32.8	5.87
	27	27.0	5.66	28.7	5.74	30.0	5.82	30.6	5.87	31.0	5.92	31.6	6.02	32.2	6.11
	29	26.6	5.88	28.3	5.97	29.6	6.06	30.1	6.10	30.5	6.15	31.1	6.26	31.7	6.34
	31	26.3	6.12	27.9	6.21	29.2	6.30	29.6	6.35	30.0	6.40	30.6	6.49	31.2	6.57
	33	25.9	6.37	27.5	6.46	28.7	6.55	29.1	6.60	29.5	6.64	30.1	6.72	30.7	6.81
	35	25.6	6.61	27.1	6.70	28.3	6.78	28.7	6.83	29.0	6.87	29.6	6.96	30.2	7.04
	37	25.2	6.83	26.8	6.92	27.8	7.01	28.2	7.05	28.5	7.10	29.1	7.19	29.7	7.27
	39	24.8	7.05	26.4	7.14	27.4	7.24	27.7	7.28	28.0	7.33	28.6	7.42	29.2	7.51
100%	10	27.8	3.82	31.1	3.88	33.0	3.94	33.7	3.97	34.4	4.00	35.6	4.06	36.3	4.12
	12	27.7	4.04	30.7	4.11	32.5	4.17	33.3	4.20	33.9	4.23	35.0	4.30	35.7	4.36
	14	27.7	4.26	30.3	4.33	32.0	4.40	32.8	4.43	33.4	4.46	34.5	4.53	35.1	4.60
	16	27.6	4.48	29.8	4.55	31.6	4.62	32.3	4.66	33.0	4.70	33.9	4.77	34.5	4.84
	18	27.4	4.70	29.4	4.78	31.1	4.85	31.9	4.89	32.5	4.93	33.4	5.00	33.9	5.08
	20	27.1	4.92	29.0	4.99	30.7	5.07	31.4	5.11	32.0	5.15	32.8	5.24	33.4	5.32
	21	27.0	5.02	28.9	5.09	30.5	5.16	31.2	5.20	31.7	5.25	32.6	5.34	33.2	5.44
	23	26.6	5.21	28.5	5.28	30.0	5.36	30.7	5.41	31.3	5.45	32.0	5.54	32.6	5.65
	25	26.3	5.42	28.1	5.49	29.6	5.57	30.2	5.62	30.8	5.66	31.5	5.76	32.1	5.87
	27	26.0	5.63	27.8	5.71	29.2	5.80	29.8	5.84	30.3	5.89	31.0	5.99	31.6	6.10
	29	25.7	5.86	27.4	5.94	28.8	6.03	29.4	6.07	29.8	6.12	30.5	6.22	31.1	6.33
	31	25.4	6.10	27.1	6.18	28.4	6.27	28.9	6.32	29.4	6.37	30.0	6.47	30.6	6.58
	33	25.0	6.35	26.7	6.43	28.0	6.53	28.5	6.57	28.9	6.62	29.5	6.73	30.1	6.84
	35	24.7	6.57	26.3	6.68	27.5	6.79	28.0	6.84	28.4	6.89	29.0	7.00	29.6	7.11
	37	24.4	6.79	25.9	6.90	27.1	7.01	27.6	7.07	27.9	7.12	28.4	7.24	29.1	7.35
	39	24.0	7.01	25.5	7.13	26.7	7.24	27.1	7.30	27.4	7.36	27.9	7.47	28.5	7.59
90%	10	24.9	3.01	27.8	3.02	29.5	3.04	30.1	3.04	30.7	3.05	31.8	3.07	32.4	3.08
	12	24.9	3.19	27.5	3.20	29.1	3.22	29.7	3.23	30.3	3.24	31.3	3.26	31.9	3.28
	14	24.8	3.37	27.1	3.39	28.7	3.41	29.3	3.42	29.9	3.43	30.8	3.45	31.5	3.47
	16	24.8	3.55	26.8	3.57	28.3	3.60	28.9	3.61	29.5	3.62	30.4	3.64	31.0	3.67
	18	24.7	3.73	26.4	3.76	27.9	3.78	28.5	3.80	29.1	3.81	30.0	3.84	30.5	3.86
	20	24.4	3.91	26.1	3.94	27.5	3.97	28.2	3.98	28.7	4.00	29.5	4.03	30.1	4.06
	21	24.3	4.00	26.0	4.03	27.4	4.06	28.0	4.08	28.5	4.09	29.3	4.12	29.8	4.15
	23	24.0	4.18	25.7	4.21	27.0	4.25	27.6	4.27	28.1	4.28	28.8	4.32	29.4	4.35
	25	23.7	4.36	25.3	4.40	26.7	4.44	27.2	4.45	27.7	4.47	28.4	4.51	28.9	4.54
	27	23.4	4.54	25.0	4.58	26.3	4.62	26.8	4.64	27.3	4.66	27.9	4.70	28.5	4.74
	29	23.1	4.72	24.7	4.77	25.9	4.81	26.4	4.83	26.9	4.85	27.4	4.89	28.0	4.93
	31	22.8	4.90	24.4	4.95	25.6	4.99	26.0	5.02	26.4	5.04	27.0	5.08	27.5	5.13
	33	22.6	5.09	24.1	5.13	25.2	5.18	25.6	5.20	26.0	5.23	26.5	5.28	27.1	5.32
	35	22.4	5.27	23.8	5.32	24.8	5.37	25.2	5.39	25.5	5.42	26.1	5.47	26.6	5.52
	37	22.4	5.80	23.8	5.86	24.8	5.91	25.2	5.93	25.5	5.96	26.1	5.99	26.6	6.03
	39	22.4	6.41	23.8	6.46	24.8	6.51	25.2	6.53	25.5	6.55	26.1	6.58	26.6	6.60
80%	10	22.2	2.26	24.8	2.25	26.2	2.24	26.8	2.24	27.3	2.23	28.2	2.22	28.8	2.21
	12	22.1	2.42	24.4	2.41	25.8	2.40	26.4	2.40	26.9	2.40	27.7	2.39	28.4	2.38
	14	22.1	2.58	24.1	2.57	25.5	2.57	26.0	2.56	26.5	2.56	27.4	2.56	28.0	2.55
	16	22.1	2.73	23.8	2.73	25.1	2.73	25.7	2.73	26.2	2.73	27.0	2.72	27.5	2.72
	18	22.0	2.89	23.5	2.89	24.8	2.89	25.3	2.89	25.8	2.89	26.6	2.89	27.1	2.89
	20	21.7	3.05	23.2	3.05	24.5	3.05	25.0	3.06	25.5	3.06	26.2	3.06	26.7	3.06
	21	21.6	3.13	23.1	3.13	24.3	3.14	24.9	3.14	25.3	3.14	26.0	3.14	26.5	3.15
	23	21.3	3.29	22.8	3.29	24.0	3.30	24.5	3.30	25.0	3.30	25.6	3.31	26.1	3.32
	25	21.1	3.44	22.5	3.45	23.7	3.46	24.2	3.47	24.6	3.47	25.2	3.48	25.7	3.49
	27	20.9	3.60	22.3	3.61	23.4	3.62	23.8	3.63	24.2	3.63	24.8	3.65	25.3	3.66
	29	20.6	3.76	22.0	3.77	23.1	3.79	23.5	3.79	23.9	3.80	24.4	3.81	24.9	3.83
	31	20.4	3.91	21.7	3.93	22.7	3.95	23.1	3.96	23.5	3.97	24.0	3.98	24.5	4.00
	33	20.2	4.07	21.5	4.09	22.4	4.11	22.8	4.12	23.1	4.13	23.6	4.15	24.1	4.17
	35	20.0	4.23	21.2	4.25	22.1	4.27	22.4	4.28	22.7	4.30	23.2	4.32	23.7	4.34
	37	20.0	4.60	21.2	4.63	22.1	4.65	22.4	4.66	22.7	4.66	23.2	4.67	23.7	4.67
	39	20.0	5.08	21.2	5.10	22.1	5.12	22.4	5.13	22.7	5.13	23.2	5.13	23.7	5.12

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	19.4	1.64	21.6	1.60	22.8	1.57	23.4	1.55	23.8	1.53	24.6	1.50	25.2	1.46
	12	19.4	1.77	21.4	1.74	22.5	1.71	23.0	1.69	23.5	1.68	24.3	1.64	24.8	1.61
	14	19.4	1.91	21.1	1.88	22.2	1.85	22.7	1.83	23.2	1.82	24.0	1.79	24.5	1.76
	16	19.3	2.04	20.8	2.02	22.0	1.99	22.5	1.97	22.9	1.96	23.6	1.93	24.1	1.91
	18	19.2	2.18	20.6	2.15	21.7	2.13	22.2	2.12	22.6	2.10	23.3	2.08	23.7	2.06
	20	19.0	2.31	20.3	2.29	21.4	2.27	21.9	2.26	22.3	2.25	23.0	2.22	23.4	2.20
	21	18.9	2.38	20.2	2.36	21.3	2.34	21.8	2.33	22.2	2.32	22.8	2.30	23.2	2.28
	23	18.7	2.51	20.0	2.49	21.0	2.48	21.5	2.47	21.8	2.46	22.4	2.44	22.9	2.42
	25	18.5	2.65	19.7	2.63	20.7	2.62	21.2	2.61	21.5	2.60	22.1	2.59	22.5	2.57
	27	18.3	2.78	19.5	2.77	20.5	2.76	20.9	2.75	21.2	2.74	21.7	2.73	22.1	2.72
	29	18.1	2.91	19.3	2.91	20.2	2.90	20.6	2.89	20.9	2.89	21.3	2.88	21.8	2.87
	31	17.9	3.05	19.0	3.04	19.9	3.04	20.2	3.03	20.6	3.03	21.0	3.02	21.4	3.02
	33	17.7	3.18	18.8	3.18	19.6	3.18	19.9	3.17	20.2	3.17	20.6	3.17	21.1	3.16
	35	17.6	3.32	18.6	3.32	19.3	3.32	19.6	3.31	19.8	3.31	20.3	3.31	20.7	3.31
	37	17.6	3.59	18.6	3.59	19.3	3.58	19.6	3.58	19.8	3.58	20.3	3.56	20.7	3.54
	39	17.6	3.95	18.6	3.96	19.3	3.95	19.6	3.95	19.8	3.94	20.3	3.92	20.7	3.88
60%	10	16.6	1.14	18.5	1.08	19.5	1.02	19.9	0.99	20.4	0.96	21.1	0.90	21.6	0.85
	12	16.6	1.25	18.2	1.19	19.3	1.14	19.7	1.11	20.1	1.08	20.8	1.03	21.3	0.97
	14	16.5	1.36	18.0	1.31	19.0	1.26	19.5	1.23	19.9	1.20	20.5	1.15	21.0	1.10
	16	16.5	1.47	17.8	1.42	18.8	1.37	19.2	1.35	19.6	1.32	20.3	1.28	20.7	1.23
	18	16.4	1.58	17.6	1.54	18.6	1.49	19.0	1.47	19.4	1.45	20.0	1.40	20.4	1.36
	20	16.3	1.69	17.4	1.65	18.4	1.61	18.8	1.59	19.1	1.57	19.7	1.52	20.0	1.48
	21	16.2	1.75	17.3	1.71	18.2	1.67	18.6	1.65	19.0	1.63	19.5	1.59	19.9	1.55
	23	16.0	1.86	17.1	1.82	18.0	1.79	18.4	1.77	18.7	1.75	19.2	1.71	19.6	1.67
	25	15.8	1.97	16.9	1.94	17.8	1.90	18.1	1.89	18.5	1.87	18.9	1.83	19.3	1.80
	27	15.6	2.08	16.7	2.05	17.5	2.02	17.9	2.01	18.2	1.99	18.6	1.96	19.0	1.93
	29	15.4	2.19	16.5	2.17	17.3	2.14	17.6	2.12	17.9	2.11	18.3	2.08	18.7	2.06
	31	15.3	2.31	16.3	2.28	17.0	2.26	17.4	2.24	17.6	2.23	18.0	2.21	18.4	2.18
	33	15.1	2.42	16.1	2.40	16.8	2.37	17.1	2.36	17.3	2.35	17.7	2.33	18.0	2.31
	35	15.0	2.53	15.9	2.51	16.6	2.49	16.8	2.48	17.0	2.47	17.4	2.46	17.7	2.44
	37	15.0	2.75	15.9	2.73	16.6	2.71	16.8	2.70	17.0	2.69	17.4	2.66	17.7	2.63
	39	15.0	3.04	15.9	3.02	16.6	3.00	16.8	2.99	17.0	2.97	17.4	2.94	17.7	2.90
50%	10	13.8	1.01	15.3	1.00	16.2	0.98	16.6	0.97	17.0	0.95	17.6	0.90	18.0	0.84
	12	13.8	1.02	15.2	1.01	16.1	0.98	16.4	0.96	16.8	0.94	17.3	0.90	17.7	0.84
	14	13.8	1.05	15.0	1.02	15.9	0.99	16.2	0.97	16.6	0.95	17.1	0.91	17.5	0.86
	16	13.8	1.08	14.9	1.05	15.7	1.02	16.0	1.00	16.4	0.98	16.9	0.93	17.2	0.88
	18	13.7	1.13	14.7	1.09	15.5	1.06	15.8	1.04	16.1	1.01	16.7	0.97	17.0	0.92
	20	13.6	1.18	14.5	1.14	15.3	1.10	15.6	1.08	15.9	1.06	16.4	1.02	16.7	0.97
	21	13.5	1.21	14.4	1.17	15.2	1.13	15.5	1.11	15.8	1.09	16.3	1.05	16.6	1.00
	23	13.3	1.28	14.3	1.24	15.0	1.20	15.3	1.18	15.6	1.16	16.0	1.12	16.3	1.07
	25	13.2	1.36	14.1	1.32	14.8	1.28	15.1	1.26	15.4	1.24	15.8	1.20	16.1	1.16
	27	13.0	1.46	13.9	1.42	14.6	1.38	14.9	1.36	15.2	1.34	15.5	1.29	15.8	1.25
	29	12.8	1.56	13.7	1.52	14.4	1.48	14.7	1.46	14.9	1.44	15.2	1.40	15.6	1.36
	31	12.7	1.67	13.5	1.63	14.2	1.60	14.5	1.58	14.7	1.56	15.0	1.53	15.3	1.49
	33	12.5	1.79	13.3	1.76	14.0	1.73	14.2	1.71	14.4	1.69	14.7	1.66	15.0	1.63
	35	12.3	1.92	13.2	1.90	13.8	1.87	14.0	1.85	14.2	1.84	14.5	1.81	14.8	1.78
	37	12.3	2.12	13.2	2.09	13.8	2.06	14.0	2.04	14.2	2.03	14.5	2.01	14.8	1.99
	39	12.3	2.35	13.2	2.33	13.8	2.30	14.0	2.28	14.2	2.27	14.5	2.23	14.8	2.20
40%	10	11.1	0.78	12.1	0.78	12.6	0.76	12.9	0.75	13.2	0.74	13.7	0.70	14.2	0.66
	12	11.0	0.79	11.9	0.78	12.5	0.76	12.8	0.75	13.0	0.73	13.6	0.70	14.0	0.66
	14	11.0	0.81	11.8	0.80	12.4	0.77	12.6	0.76	12.9	0.74	13.4	0.71	13.8	0.66
	16	11.0	0.84	11.7	0.82	12.2	0.79	12.5	0.78	12.7	0.76	13.2	0.72	13.6	0.68
	18	10.9	0.87	11.5	0.85	12.1	0.82	12.3	0.80	12.6	0.79	13.0	0.75	13.4	0.71
	20	10.8	0.92	11.4	0.89	12.0	0.86	12.2	0.84	12.4	0.83	12.8	0.79	13.1	0.75
	21	10.7	0.94	11.3	0.91	11.9	0.88	12.1	0.87	12.4	0.85	12.7	0.81	13.0	0.78
	23	10.6	1.00	11.2	0.97	11.8	0.93	12.0	0.92	12.2	0.90	12.6	0.87	12.8	0.83
	25	10.4	1.06	11.1	1.03	11.6	1.00	11.9	0.98	12.1	0.96	12.4	0.93	12.7	0.90
	27	10.3	1.13	11.0	1.10	11.5	1.07	11.7	1.05	11.9	1.04	12.2	1.01	12.5	0.97
	29	10.2	1.21	10.8	1.18	11.4	1.15	11.6	1.14	11.8	1.12	12.0	1.09	12.3	1.06
	31	10.0	1.30	10.7	1.27	11.3	1.24	11.5	1.23	11.6	1.21	11.9	1.19	12.1	1.16
	33	9.93	1.39	10.6	1.37	11.1	1.34	11.3	1.33	11.5	1.32	11.7	1.29	11.9	1.26
	35	9.81	1.50	10.5	1.48	11.0	1.45	11.2	1.44	11.3	1.43	11.5	1.41	11.7	1.38
	37	9.81	1.67	10.5	1.64	11.0	1.61	11.2	1.60	11.3	1.59	11.5	1.56	11.7	1.54
	39	9.81	1.86	10.5	1.84	11.0	1.81	11.2	1.79	11.3	1.78	11.5	1.75	11.7	1.72
30%	10	8.92	0.56	9.32	0.55	9.82	0.54	10.1	0.54	10.4	0.53	11.1	0.50	11.9	0.47
	12	8.77	0.57	9.18	0.56	9.69	0.54	9.97	0.53	10.3	0.52	11.0	0.50	11.7	0.47
	14	8.62	0.58	9.05	0.57	9.55	0.55	9.83	0.54	10.1	0.53	10.8	0.50	11.5	0.47
	16	8.47	0.60	8.91	0.58	9.42	0.56	9.70	0.55	10.0	0.54	10.6	0.52	11.4	0.49
	18	8.33	0.62	8.77	0.61	9.28	0.59	9.56	0.57	9.86	0.56	10.5	0.54	11.2	0.51
	20	8.18	0.66	8.63	0.63	9.15	0.61	9.42	0.60	9.71	0.59	10.3	0.56	11.0	0.54
	21	8.10	0.67	8.57	0.65	9.08	0.63	9.36	0.62	9.64	0.61	10.3	0.58	10.9	0.56
	23	7.95	0.71	8.43	0.69	8.95	0.67	9.22	0.66	9.50	0.64	10.1	0.62	10.7	0.59
	25	7.81	0.76	8.29	0.73	8.81	0.71	9.08	0.70	9.36	0.69	9.95	0.67	10.6	0.64
	27	7.66	0.81	8.15	0.79	8.68	0.76	8.95	0.75	9.22	0.74	9.80	0.72	10.4	0.70
	29	7.51	0.86	8.02	0.84	8.54	0.82	8.81	0.81	9.08	0.80	9.64	0.78	10.2	0.76
	31	7.36	0.93	7.88	0.91	8.41	0.89	8.67	0.88	8.94	0.87	9.49	0.85	10.0	0.83
	33	7.21	0.99	7.74	0.98	8.27	0.96	8.54	0.95	8.80	0.94	9.33	0.92	9.87	0.90
	35	7.07	1.07	7.60	1.05	8.14	1.04	8.40	1.03	8.66	1.02	9.18	1.00	9.69	0.99
	37	7.07	1.22	7.60	1.19	8.14	1.17	8.40	1.16	8.66	1.14	9.18	1.12	9.69	1.09
	39	7.07	1.37	7.60	1.35	8.14	1.32	8.40	1.30	8.66	1.29	9.18	1.26	9.69	1.24

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ12AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	38.2	4.93	40.8	4.99	42.8	5.06	43.5	5.09	44.0	5.12	44.9	5.18	45.7	5.24
	12	37.8	5.22	40.3	5.28	42.2	5.34	42.8	5.37	43.2	5.40	44.1	5.47	45.0	5.53
	14	37.3	5.50	39.7	5.57	41.5	5.63	42.1	5.66	42.5	5.69	43.4	5.75	44.2	5.81
	16	36.8	5.79	39.2	5.85	40.8	5.91	41.4	5.94	41.8	5.97	42.7	6.03	43.5	6.09
	18	36.4	6.08	38.7	6.14	40.2	6.20	40.7	6.23	41.2	6.26	42.0	6.32	42.9	6.38
	20	35.9	6.34	38.1	6.42	39.6	6.48	40.0	6.51	40.5	6.54	41.4	6.60	42.2	6.66
	21	35.7	6.46	37.9	6.55	39.2	6.62	39.7	6.65	40.2	6.68	41.1	6.74	41.9	6.80
	23	35.2	6.71	37.3	6.81	38.6	6.91	39.1	6.94	39.5	6.97	40.4	7.03	41.3	7.09
	25	34.8	6.97	36.8	7.07	38.0	7.19	38.5	7.22	38.9	7.25	39.8	7.31	40.7	7.37
	27	34.3	7.25	36.3	7.35	37.4	7.47	37.9	7.51	38.3	7.54	39.2	7.60	40.1	7.65
	29	33.8	7.54	35.7	7.65	36.8	7.76	37.3	7.79	37.7	7.82	38.6	7.88	39.5	7.94
	31	33.3	7.85	35.2	7.96	36.3	8.05	36.7	8.08	37.2	8.11	38.0	8.16	38.9	8.22
	33	32.9	8.17	34.6	8.28	35.7	8.33	36.1	8.36	36.6	8.39	37.4	8.45	38.2	8.50
	35	32.4	8.51	34.1	8.56	35.1	8.62	35.6	8.65	36.0	8.68	36.8	8.73	37.6	8.79
	37	31.9	8.79	33.5	8.85	34.6	8.90	35.1	8.93	35.5	8.96	36.3	9.02	37.0	9.07
	39	31.4	9.08	33.0	9.13	34.0	9.19	34.5	9.22	35.0	9.24	35.7	9.30	36.4	9.35
120%	10	37.0	4.91	39.7	4.98	41.8	5.04	42.7	5.08	43.4	5.11	44.2	5.18	44.9	5.24
	12	36.5	5.19	39.1	5.26	41.2	5.33	42.0	5.36	42.6	5.40	43.5	5.47	44.2	5.53
	14	36.0	5.48	38.6	5.55	40.6	5.62	41.3	5.65	41.9	5.69	42.7	5.75	43.5	5.82
	16	35.6	5.76	38.1	5.83	40.0	5.90	40.7	5.94	41.2	5.97	42.0	6.04	42.8	6.11
	18	35.2	6.04	37.5	6.12	39.4	6.19	40.0	6.22	40.5	6.26	41.4	6.33	42.1	6.40
	20	34.8	6.32	37.0	6.40	38.8	6.47	39.4	6.51	39.9	6.55	40.7	6.62	41.5	6.70
	21	34.6	6.44	36.8	6.53	38.5	6.62	39.1	6.66	39.5	6.69	40.4	6.77	41.2	6.84
	23	34.2	6.68	36.3	6.78	37.9	6.89	38.5	6.94	38.9	6.98	39.7	7.06	40.6	7.13
	25	33.8	6.95	35.8	7.05	37.3	7.16	37.8	7.21	38.3	7.27	39.1	7.34	39.9	7.42
	27	33.3	7.22	35.3	7.33	36.8	7.44	37.3	7.50	37.7	7.56	38.5	7.63	39.3	7.71
	29	32.9	7.51	34.8	7.62	36.2	7.74	36.7	7.80	37.1	7.84	37.9	7.92	38.7	8.00
	31	32.4	7.82	34.3	7.93	35.6	8.05	36.1	8.09	36.5	8.13	37.3	8.21	38.1	8.29
	33	32.0	8.14	33.8	8.25	35.1	8.34	35.5	8.38	35.9	8.42	36.7	8.50	37.5	8.58
	35	31.5	8.46	33.4	8.54	34.5	8.62	35.0	8.66	35.4	8.71	36.1	8.79	36.9	8.87
	37	31.1	8.74	32.9	8.83	34.0	8.91	34.4	8.95	34.8	8.99	35.6	9.08	36.3	9.16
	39	30.6	9.02	32.4	9.11	33.4	9.20	33.8	9.24	34.3	9.28	35.0	9.37	35.7	9.45
110%	10	35.8	4.88	38.5	4.96	40.7	5.03	41.6	5.06	42.4	5.10	43.5	5.17	44.2	5.24
	12	35.3	5.17	37.9	5.24	40.1	5.32	41.0	5.35	41.8	5.39	42.8	5.47	43.5	5.54
	14	34.8	5.45	37.4	5.53	39.5	5.60	40.4	5.64	41.1	5.68	42.1	5.76	42.8	5.84
	16	34.4	5.73	36.9	5.81	39.0	5.89	39.8	5.93	40.4	5.97	41.4	6.05	42.1	6.13
	18	34.1	6.01	36.4	6.10	38.4	6.18	39.2	6.22	39.8	6.26	40.7	6.35	41.4	6.43
	20	33.7	6.29	35.9	6.38	37.9	6.47	38.6	6.51	39.2	6.55	40.0	6.64	40.7	6.73
	21	33.5	6.41	35.7	6.50	37.6	6.60	38.3	6.65	38.9	6.70	39.7	6.79	40.4	6.88
	23	33.1	6.66	35.3	6.75	37.0	6.86	37.7	6.91	38.2	6.97	39.0	7.08	39.8	7.17
	25	32.7	6.92	34.8	7.02	36.5	7.12	37.1	7.18	37.6	7.24	38.4	7.37	39.2	7.47
	27	32.3	7.20	34.4	7.30	36.0	7.41	36.6	7.47	37.0	7.53	37.8	7.66	38.6	7.77
	29	31.9	7.48	33.9	7.59	35.4	7.70	36.0	7.76	36.4	7.83	37.2	7.96	38.0	8.07
	31	31.5	7.79	33.4	7.90	34.9	8.01	35.4	8.07	35.8	8.14	36.6	8.26	37.4	8.36
	33	31.0	8.10	32.9	8.22	34.4	8.34	34.9	8.39	35.3	8.45	36.0	8.55	36.7	8.66
	35	30.6	8.41	32.5	8.52	33.8	8.63	34.3	8.68	34.7	8.74	35.4	8.85	36.1	8.96
	37	30.2	8.69	32.0	8.80	33.3	8.92	33.7	8.97	34.1	9.03	34.8	9.14	35.5	9.25
	39	29.7	8.97	31.6	9.09	32.8	9.20	33.2	9.26	33.5	9.32	34.2	9.43	34.9	9.55
100%	10	33.3	4.86	37.2	4.94	39.4	5.01	40.4	5.05	41.2	5.09	42.6	5.17	43.4	5.24
	12	33.2	5.14	36.7	5.22	38.9	5.30	39.8	5.34	40.6	5.38	41.9	5.47	42.7	5.55
	14	33.1	5.42	36.2	5.51	38.3	5.59	39.2	5.64	40.0	5.68	41.2	5.76	42.0	5.85
	16	33.0	5.70	35.7	5.79	37.8	5.88	38.7	5.93	39.4	5.97	40.6	6.06	41.3	6.15
	18	32.8	5.98	35.2	6.08	37.3	6.17	38.1	6.22	38.8	6.27	39.9	6.36	40.6	6.46
	20	32.4	6.26	34.7	6.35	36.7	6.45	37.6	6.50	38.3	6.55	39.3	6.66	40.0	6.76
	21	32.2	6.39	34.5	6.47	36.5	6.57	37.3	6.62	38.0	6.67	39.0	6.79	39.7	6.91
	23	31.9	6.63	34.1	6.72	36.0	6.82	36.7	6.88	37.4	6.93	38.3	7.05	39.1	7.18
	25	31.5	6.89	33.7	6.99	35.4	7.09	36.2	7.14	36.8	7.20	37.7	7.33	38.4	7.46
	27	31.1	7.17	33.3	7.26	35.0	7.37	35.7	7.43	36.3	7.49	37.1	7.62	37.8	7.75
	29	30.7	7.45	32.8	7.56	34.5	7.67	35.1	7.73	35.7	7.79	36.5	7.92	37.2	8.06
	31	30.3	7.76	32.4	7.86	34.0	7.98	34.6	8.04	35.1	8.10	35.9	8.23	36.6	8.37
	33	29.9	8.07	31.9	8.18	33.5	8.30	34.1	8.36	34.5	8.43	35.3	8.56	36.0	8.70
	35	29.5	8.36	31.5	8.50	32.9	8.63	33.5	8.70	33.9	8.76	34.6	8.90	35.4	9.04
	37	29.1	8.64	31.0	8.78	32.4	8.92	33.0	8.99	33.4	9.06	34.0	9.20	34.8	9.34
	39	28.7	8.92	30.6	9.07	32.0	9.21	32.4	9.28	32.8	9.36	33.4	9.50	34.2	9.65
90%	10	29.8	3.82	33.3	3.84	35.2	3.86	36.1	3.87	36.8	3.88	38.0	3.90	38.7	3.92
	12	29.8	4.05	32.9	4.08	34.8	4.10	35.6	4.11	36.3	4.12	37.4	4.15	38.2	4.17
	14	29.7	4.28	32.4	4.31	34.3	4.34	35.1	4.35	35.8	4.36	36.8	4.39	37.6	4.42
	16	29.7	4.51	32.0	4.54	33.8	4.57	34.6	4.59	35.2	4.60	36.3	4.63	37.1	4.66
	18	29.5	4.74	31.6	4.78	33.4	4.81	34.1	4.83	34.8	4.84	35.9	4.88	36.5	4.91
	20	29.2	4.97	31.3	5.01	33.0	5.05	33.7	5.07	34.3	5.09	35.3	5.12	36.0	5.16
	21	29.0	5.09	31.1	5.13	32.8	5.17	33.5	5.19	34.1	5.21	35.0	5.25	35.7	5.28
	23	28.7	5.32	30.7	5.36	32.3	5.40	33.0	5.43	33.6	5.45	34.5	5.49	35.2	5.53
	25	28.4	5.55	30.3	5.59	31.9	5.64	32.6	5.66	33.1	5.69	33.9	5.73	34.6	5.78
	27	28.0	5.78	29.9	5.83	31.5	5.88	32.1	5.90	32.6	5.93	33.4	5.98	34.0	6.03
	29	27.7	6.01	29.5	6.06	31.0	6.12	31.6	6.14	32.1	6.17	32.8	6.22	33.5	6.28
	31	27.3	6.24	29.2	6.30	30.6	6.35	31.1	6.38	31.6	6.41	32.3	6.47	32.9	6.52
	33	27.0	6.47	28.8	6.53	30.1	6.59	30.7	6.62	31.1	6.65	31.7	6.71	32.4	6.77
	35	26.7	6.70	28.5	6.76	29.7	6.83	30.2	6.86	30.5	6.89	31.2	6.96	31.8	7.02
	37	26.7	7.38	28.5	7.45	29.7	7.52	30.2	7.55	30.5	7.58	31.2	7.62	31.8	7.67
	39	26.7	8.15	28.5	8.22	29.7	8.28	30.2	8.30	30.5	8.33	31.2	8.37	31.8	8.40
80%	10	26.5	2.88	29.6	2.86	31.3	2.85	32.0	2.84	32.6	2.84	33.7	2.82	34.4	2.81
	12	26.5	3.08	29.2	3.07	30.9	3.06	31.6	3.05	32.2	3.05	33.2	3.04	33.9	3.03
	14	26.5	3.28	28.9	3.27	30.5	3.26	31.1	3.26	31.7	3.26	32.8	3.25	33.5	3.24
	16	26.4	3.48	28.5	3.47	30.1	3.47	30.7	3.47	31.3	3.47	32.3	3.46	33.0	3.46
	18	26.3	3.68	28.1	3.68	29.7	3.68	30.3	3.68	30.9	3.68	31.9	3.68	32.5	3.68
	20	26.0	3.88	27.8	3.88	29.3	3.88	29.9	3.89	30.5	3.89	31.4	3.89	32.0	3.89
	21	25.8	3.98	27.6	3.98	29.1	3.99	29.7	3.99	30.3	3.99	31.1	4.00	31.7	4.00
	23	25.5	4.18	27.3	4.19	28.7	4.20	29.3	4.20	29.9	4.20	30.7	4.21	31.2	4.22
	25	25.2	4.38	27.0	4.39	28.4	4.40	28.9	4.41	29.4	4.41	30.2	4.42	30.8	4.44
	27	25.0	4.58	26.6	4.59	28.0	4.61	28.5	4.62	29.0	4.62	29.7	4.64	30.3	4.65
	29	24.7	4.78	26.3	4.80	27.6	4.82	28.1	4.82	28.6	4.83	29.2	4.85	29.8	4.87
	31	24.4	4.98	26.0	5.00	27.2	5.02	27.7	5.03	28.1	5.04	28.7	5.06	29.3	5.09
	33	24.2	5.18	25.7	5.20	26.8	5.23	27.2	5.24	27.6	5.25	28.2	5.28	28.8	5.30
	35	23.9	5.38	25.4	5.41	26.4	5.44	26.8	5.45	27.1	5.46	27.7	5.49	28.3	5.52
	37	23.9	5.85	25.4	5.89	26.4	5.92	26.8	5.93	27.1	5.93	27.7	5.94	28.3	5.94
	39	23.9	6.46	25.4	6.49	26.4	6.52	26.8	6.52	27.1	6.53	27.7	6.52	28.3	6.51
70%	10	23.2	2.09	25.9	2.04	27.3	2.00	27.9	1.97	28.5	1.95	29.4	1.91	30.1	1.86
	12	23.2	2.26	25.5	2.21	27.0	2.17	27.6	2.15	28.1	2.13	29.0	2.09	29.7	2.05
	14	23.2	2.43	25.2	2.39	26.6	2.35	27.2	2.33	27.7	2.31	28.7	2.28	29.3	2.24
	16	23.1	2.60	24.9	2.56	26.3	2.53	26.9	2.51	27.4	2.49	28.3	2.46	28.8	2.43
	18	23.0	2.77	24.6	2.74	26.0	2.71	26.5	2.69	27.0	2.68	27.9	2.64	28.4	2.61
	20	22.7	2.94	24.3	2.91	25.6	2.88	26.2	2.87	26.7	2.86	27.5	2.83	28.0	2.80
	21	22.6	3.02	24.2	3.00	25.5	2.97	26.0	2.96	26.5	2.95	27.3	2.92	27.8	2.90
	23	22.3	3.19	23.9	3.17	25.1	3.15	25.7	3.14	26.1	3.13	26.8	3.11	27.3	3.08
	25	22.1	3.37	23.6	3.35	24.8	3.33	25.3	3.32	25.8	3.31	26.4	3.29	26.9	3.27
	27	21.9	3.54	23.3	3.52	24.5	3.51	25.0	3.50	25.4	3.49	26.0	3.48	26.5	3.46
	29	21.6	3.71	23.0	3.70	24.1	3.68	24.6	3.68	25.0	3.67	25.5	3.66	26.1	3.65
	31	21.4	3.88	22.8	3.87	23.8	3.86	24.2	3.86	24.6	3.85	25.1	3.84	25.6	3.84
	33	21.2	4.05	22.5	4.04	23.5	4.04	23.8	4.04	24.2	4.03	24.7	4.03	25.2	4.02
	35	21.0	4.22	22.3	4.22	23.1	4.22	23.5	4.22	23.7	4.22	24.3	4.21	24.8	4.21
	37	21.0	4.56	22.3	4.56	23.1	4.56	23.5	4.55	23.7	4.55	24.3	4.53	24.8	4.51
	39	21.0	5.03	22.3	5.04	23.1	5.03	23.5	5.02	23.7	5.01	24.3	4.98	24.8	4.94
60%	10	19.8	1.44	22.1	1.37	23.3	1.30	23.9	1.26	24.4	1.22	25.2	1.15	25.8	1.08
	12	19.8	1.59	21.8	1.52	23.0	1.45	23.6	1.41	24.1	1.38	24.9	1.31	25.5	1.24
	14	19.8	1.73	21.6	1.66	22.8	1.60	23.3	1.56	23.8	1.53	24.6	1.47	25.1	1.40
	16	19.8	1.87	21.3	1.81	22.5	1.75	23.0	1.72	23.5	1.69	24.2	1.62	24.7	1.56
	18	19.7	2.01	21.1	1.95	22.2	1.90	22.7	1.87	23.2	1.84	23.9	1.78	24.4	1.72
	20	19.5	2.15	20.8	2.10	22.0	2.05	22.5	2.02	22.9	1.99	23.5	1.94	24.0	1.89
	21	19.3	2.22	20.7	2.17	21.8	2.12	22.3	2.10	22.7	2.07	23.4	2.02	23.8	1.97
	23	19.1	2.37	20.5	2.32	21.6	2.27	22.0	2.25	22.4	2.22	23.0	2.18	23.4	2.13
	25	18.9	2.51	20.2	2.46	21.3	2.42	21.7	2.40	22.1	2.38	22.6	2.33	23.1	2.29
	27	18.7	2.65	20.0	2.61	21.0	2.57	21.4	2.55	21.8	2.53	22.3	2.49	22.7	2.45
	29	18.5	2.79	19.7	2.76	20.7	2.72	21.1	2.70	21.4	2.68	21.9	2.65	22.3	2.61
	31	18.3	2.93	19.5	2.90	20.4	2.87	20.8	2.85	21.1	2.84	21.5	2.81	22.0	2.78
	33	18.1	3.07	19.2	3.05	20.1	3.02	20.4	3.01	20.7	2.99	21.2	2.97	21.6	2.94
	35	17.9	3.22	19.0	3.19	19.8	3.17	20.1	3.16	20.3	3.15	20.8	3.12	21.2	3.10
	37	17.9	3.50	19.0	3.47	19.8	3.45	20.1	3.43	20.3	3.42	20.8	3.39	21.2	3.35
	39	17.9	3.86	19.0	3.85	19.8	3.82	20.1	3.80	20.3	3.78	20.8	3.74	21.2	3.68
50%	10	16.6	1.28	18.4	1.27	19.4	1.25	19.9	1.23	20.3	1.21	21.0	1.15	21.5	1.07
	12	16.5	1.30	18.2	1.28	19.2	1.25	19.7	1.23	20.1	1.20	20.7	1.14	21.2	1.07
	14	16.5	1.33	18.0	1.30	19.0	1.26	19.4	1.24	19.8	1.21	20.5	1.16	20.9	1.09
	16	16.5	1.37	17.8	1.34	18.8	1.29	19.2	1.27	19.6	1.24	20.2	1.19	20.6	1.12
	18	16.4	1.43	17.6	1.39	18.5	1.34	19.0	1.32	19.3	1.29	19.9	1.23	20.3	1.17
	20	16.2	1.50	17.4	1.46	18.3	1.41	18.7	1.38	19.1	1.35	19.6	1.29	20.0	1.23
	21	16.1	1.54	17.3	1.49	18.2	1.44	18.6	1.42	18.9	1.39	19.5	1.33	19.8	1.27
	23	15.9	1.63	17.1	1.58	18.0	1.53	18.3	1.50	18.7	1.48	19.2	1.42	19.5	1.36
	25	15.8	1.74	16.8	1.68	17.7	1.63	18.1	1.61	18.4	1.58	18.9	1.53	19.2	1.47
	27	15.6	1.85	16.6	1.80	17.5	1.75	17.8	1.72	18.1	1.70	18.5	1.65	18.9	1.59
	29	15.4	1.98	16.4	1.93	17.2	1.88	17.6	1.86	17.9	1.83	18.2	1.78	18.6	1.74
	31	15.2	2.12	16.2	2.08	17.0	2.03	17.3	2.01	17.6	1.99	17.9	1.94	18.3	1.89
	33	15.0	2.28	16.0	2.24	16.7	2.20	17.0	2.18	17.3	2.16	17.6	2.11	18.0	2.07
	35	14.8	2.45	15.7	2.41	16.5	2.38	16.8	2.36	17.0	2.34	17.3	2.30	17.7	2.26
	37	14.8	2.69	15.7	2.65	16.5	2.62	16.8	2.60	17.0	2.59	17.3	2.56	17.7	2.53
	39	14.8	2.99	15.7	2.96	16.5	2.92	16.8	2.90	17.0	2.88	17.3	2.84	17.7	2.79
40%	10	13.3	1.00	14.5	0.99	15.1	0.97	15.5	0.95	15.8	0.94	16.4	0.89	17.0	0.84
	12	13.2	1.01	14.3	0.99	15.0	0.97	15.3	0.95	15.6	0.93	16.2	0.89	16.7	0.83
	14	13.2	1.03	14.1	1.01	14.8	0.98	15.1	0.96	15.4	0.94	16.0	0.90	16.5	0.85
	16	13.1	1.07	14.0	1.04	14.6	1.01	14.9	0.99	15.2	0.97	15.8	0.92	16.2	0.87
	18	13.1	1.11	13.8	1.08	14.5	1.04	14.8	1.02	15.1	1.00	15.6	0.96	16.0	0.91
	20	12.9	1.17	13.6	1.13	14.3	1.09	14.6	1.07	14.9	1.05	15.3	1.01	15.7	0.96
	21	12.8	1.20	13.6	1.16	14.2	1.12	14.5	1.10	14.8	1.08	15.2	1.04	15.6	0.99
	23	12.6	1.27	13.4	1.23	14.1	1.19	14.4	1.17	14.6	1.15	15.0	1.10	15.4	1.06
	25	12.5	1.35	13.3	1.31	13.9	1.27	14.2	1.25	14.4	1.23	14.8	1.19	15.1	1.14
	27	12.3	1.44	13.1	1.40	13.8	1.36	14.0	1.34	14.3	1.32	14.6	1.28	14.9	1.24
	29	12.2	1.54	13.0	1.50	13.6	1.46	13.9	1.44	14.1	1.43	14.4	1.39	14.7	1.35
	31	12.0	1.65	12.8	1.62	13.5	1.58	13.7	1.56	13.9	1.54	14.2	1.51	14.5	1.47
	33	11.9	1.77	12.7	1.74	13.3	1.71	13.6	1.69	13.7	1.68	14.0	1.64	14.3	1.61
	35	11.7	1.90	12.6	1.88	13.2	1.85	13.4	1.83	13.6	1.82	13.8	1.79	14.0	1.76
	37	11.7	2.12	12.6	2.08	13.2	2.05	13.4	2.04	13.6	2.02	13.8	1.99	14.0	1.96
	39	11.7	2.37	12.6	2.34	13.2	2.30	13.4	2.28	13.6	2.26	13.8	2.22	14.0	2.18
30%	10	10.7	0.71	11.2	0.71	11.8	0.69	12.1	0.68	12.5	0.67	13.3	0.64	14.2	0.60
	12	10.5	0.72	11.0	0.71	11.6	0.69	11.9	0.68	12.3	0.67	13.1	0.63	14.0	0.60
	14	10.3	0.74	10.8	0.72	11.4	0.70	11.8	0.69	12.1	0.67	12.9	0.64	13.8	0.60
	16	10.1	0.76	10.7	0.74	11.3	0.72	11.6	0.70	12.0	0.69	12.7	0.66	13.6	0.62
	18	9.96	0.79	10.5	0.77	11.1	0.74	11.4	0.73	11.8	0.72	12.6	0.68	13.4	0.65
	20	9.78	0.83	10.3	0.81	10.9	0.78	11.3	0.77	11.6	0.75	12.4	0.72	13.2	0.68
	21	9.69	0.86	10.2	0.83	10.9	0.80	11.2	0.79	11.5	0.77	12.3	0.74	13.1	0.71
	23	9.52	0.91	10.1	0.88	10.7	0.85	11.0	0.83	11.4	0.82	12.1	0.79	12.9	0.76
	25	9.34	0.96	9.92	0.93	10.5	0.91	10.9	0.89	11.2	0.88	11.9	0.85	12.6	0.82
	27	9.16	1.03	9.76	1.00	10.4	0.97	10.7	0.96	11.0	0.94	11.7	0.91	12.4	0.88
	29	8.99	1.10	9.59	1.07	10.2	1.04	10.5	1.03	10.9	1.02	11.5	0.99	12.2	0.96
	31	8.81	1.18	9.43	1.15	10.1	1.13	10.4	1.11	10.7	1.10	11.4	1.08	12.0	1.05
	33	8.63	1.26	9.26	1.24	9.90	1.22	10.2	1.21	10.5	1.20	11.2	1.17	11.8	1.15
	35	8.45	1.36	9.10	1.34	9.73	1.32	10.1	1.31	10.4	1.30	11.0	1.28	11.6	1.25
	37	8.45	1.55	9.10	1.52	9.73	1.49	10.1	1.47	10.4	1.45	11.0	1.42	11.6	1.38
	39	8.45	1.75	9.10	1.71	9.73	1.68	10.1	1.66	10.4	1.64	11.0	1.61	11.6	1.57

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. □ shows rated condition.

RXQ14AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	45.6	6.07	48.7	6.14	51.1	6.22	51.9	6.26	52.5	6.30	53.6	6.37	54.6	6.45
	12	45.1	6.42	48.1	6.49	50.3	6.57	51.1	6.61	51.6	6.65	52.7	6.72	53.7	6.80
	14	44.5	6.77	47.5	6.85	49.5	6.92	50.2	6.96	50.8	7.00	51.8	7.07	52.8	7.15
	16	44.0	7.12	46.8	7.20	48.7	7.27	49.4	7.31	49.9	7.35	51.0	7.42	52.0	7.50
	18	43.4	7.47	46.2	7.55	48.0	7.62	48.6	7.66	49.1	7.70	50.2	7.77	51.2	7.84
	20	42.9	7.79	45.5	7.90	47.2	7.97	47.8	8.01	48.4	8.05	49.4	8.12	50.4	8.19
	21	42.6	7.94	45.2	8.06	46.9	8.15	47.4	8.18	48.0	8.22	49.0	8.29	50.0	8.37
	23	42.1	8.25	44.6	8.37	46.1	8.50	46.7	8.53	47.2	8.57	48.3	8.64	49.3	8.72
	25	41.5	8.57	43.9	8.70	45.4	8.84	45.9	8.88	46.5	8.92	47.5	8.99	48.6	9.06
	27	40.9	8.92	43.3	9.04	44.7	9.19	45.2	9.23	45.8	9.27	46.8	9.34	47.9	9.41
	29	40.4	9.28	42.6	9.41	44.0	9.55	44.5	9.58	45.1	9.62	46.1	9.69	47.1	9.76
	31	39.8	9.66	42.0	9.79	43.3	9.90	43.8	9.93	44.4	9.97	45.4	10.0	46.4	10.1
	33	39.2	10.1	41.3	10.2	42.6	10.2	43.2	10.3	43.7	10.3	44.7	10.4	45.7	10.5
	35	38.6	10.5	40.7	10.5	42.0	10.6	42.5	10.6	43.0	10.7	44.0	10.7	44.9	10.8
	37	38.1	10.8	40.0	10.9	41.3	11.0	41.9	11.0	42.4	11.0	43.3	11.1	44.2	11.7
	39	37.5	11.2	39.4	11.2	40.6	11.3	41.2	11.3	41.7	11.8	42.6	12.0	43.5	12.1
120%	10	44.1	6.04	47.4	6.12	49.9	6.20	51.0	6.24	51.8	6.28	52.8	6.37	53.7	6.45
	12	43.5	6.39	46.7	6.47	49.2	6.55	50.2	6.60	50.9	6.64	51.9	6.72	52.8	6.81
	14	43.0	6.74	46.1	6.82	48.5	6.91	49.4	6.95	50.0	6.99	51.0	7.08	51.9	7.16
	16	42.5	7.08	45.5	7.17	47.7	7.26	48.6	7.30	49.2	7.35	50.2	7.43	51.1	7.52
	18	42.0	7.43	44.8	7.52	47.0	7.61	47.8	7.66	48.4	7.70	49.4	7.79	50.3	7.88
	20	41.6	7.77	44.2	7.87	46.3	7.96	47.0	8.01	47.6	8.05	48.6	8.14	49.5	8.23
	21	41.3	7.92	43.9	8.03	46.0	8.14	46.7	8.18	47.2	8.23	48.2	8.32	49.2	8.41
	23	40.8	8.22	43.3	8.34	45.3	8.47	45.9	8.54	46.5	8.58	47.4	8.68	48.4	8.77
	25	40.3	8.54	42.8	8.67	44.6	8.80	45.2	8.87	45.7	8.94	46.7	9.03	47.7	9.13
	27	39.8	8.88	42.2	9.01	43.9	9.15	44.5	9.22	45.0	9.29	45.9	9.39	47.0	9.48
	29	39.3	9.24	41.6	9.37	43.2	9.51	43.8	9.59	44.3	9.65	45.2	9.74	46.2	9.84
	31	38.7	9.62	41.0	9.75	42.5	9.90	43.1	9.95	43.6	10.0	44.5	10.1	45.5	10.2
	33	38.2	10.0	40.4	10.1	41.9	10.3	42.4	10.3	42.9	10.4	43.8	10.5	44.8	10.6
	35	37.7	10.4	39.8	10.5	41.2	10.6	41.7	10.7	42.2	10.7	43.1	10.8	44.0	10.9
	37	37.1	10.8	39.3	10.9	40.5	11.0	41.1	11.0	41.6	11.1	42.4	11.5	43.3	11.7
	39	36.6	11.1	38.7	11.2	39.9	11.3	40.4	11.4	40.9	11.8	41.8	11.9	42.6	12.1
110%	10	42.7	6.01	46.0	6.10	48.6	6.18	49.7	6.23	50.7	6.27	52.0	6.36	52.8	6.45
	12	42.1	6.35	45.3	6.45	47.9	6.54	49.0	6.58	49.9	6.63	51.1	6.72	51.9	6.81
	14	41.6	6.70	44.7	6.80	47.2	6.89	48.2	6.94	49.1	6.99	50.2	7.08	51.0	7.18
	16	41.1	7.05	44.1	7.15	46.5	7.25	47.5	7.30	48.3	7.35	49.4	7.45	50.2	7.54
	18	40.7	7.39	43.5	7.50	45.9	7.60	46.8	7.65	47.5	7.70	48.6	7.81	49.4	7.91
	20	40.2	7.74	42.9	7.85	45.2	7.95	46.1	8.01	46.8	8.06	47.8	8.17	48.6	8.28
	21	40.0	7.89	42.7	8.00	44.9	8.12	45.7	8.18	46.4	8.24	47.4	8.35	48.3	8.46
	23	39.5	8.19	42.1	8.30	44.2	8.43	45.0	8.50	45.7	8.57	46.6	8.71	47.5	8.82
	25	39.0	8.51	41.6	8.63	43.6	8.76	44.3	8.83	44.9	8.91	45.8	9.06	46.8	9.19
	27	38.5	8.85	41.0	8.97	42.9	9.11	43.7	9.18	44.2	9.26	45.1	9.42	46.1	9.55
	29	38.1	9.21	40.5	9.33	42.3	9.47	43.0	9.55	43.5	9.63	44.4	9.79	45.3	9.92
	31	37.6	9.58	39.9	9.71	41.7	9.85	42.3	9.93	42.8	10.0	43.7	10.2	44.6	10.3
	33	37.1	9.97	39.3	10.1	41.0	10.3	41.6	10.3	42.1	10.4	42.9	10.5	43.9	10.6
	35	36.5	10.3	38.8	10.5	40.4	10.6	40.9	10.7	41.4	10.7	42.2	10.9	43.1	11.0
	37	36.0	10.7	38.2	10.8	39.8	11.0	40.3	11.0	40.7	11.1	41.6	11.2	42.4	11.6
	39	35.5	11.0	37.7	11.2	39.1	11.3	39.6	11.4	40.0	11.7	40.9	11.9	41.7	12.1
100%	10	39.8	5.98	44.5	6.07	47.1	6.17	48.2	6.21	49.2	6.26	50.9	6.35	51.9	6.45
	12	39.6	6.32	43.8	6.42	46.4	6.52	47.5	6.57	48.5	6.62	50.1	6.72	51.0	6.82
	14	39.5	6.67	43.2	6.77	45.8	6.88	46.8	6.93	47.8	6.98	49.3	7.09	50.1	7.20
	16	39.4	7.01	42.6	7.12	45.1	7.23	46.2	7.29	47.1	7.35	48.5	7.46	49.3	7.57
	18	39.2	7.36	42.1	7.47	44.5	7.59	45.5	7.65	46.4	7.71	47.7	7.83	48.5	7.94
	20	38.7	7.70	41.5	7.81	43.9	7.93	44.8	7.99	45.7	8.05	46.9	8.19	47.7	8.32
	21	38.5	7.85	41.2	7.96	43.5	8.08	44.5	8.14	45.3	8.21	46.5	8.35	47.4	8.50
	23	38.1	8.16	40.7	8.27	42.9	8.39	43.9	8.46	44.6	8.52	45.8	8.67	46.6	8.83
	25	37.6	8.48	40.2	8.59	42.3	8.72	43.2	8.79	44.0	8.86	45.0	9.01	45.9	9.18
	27	37.2	8.81	39.7	8.93	41.7	9.07	42.6	9.14	43.3	9.21	44.3	9.37	45.2	9.53
	29	36.7	9.17	39.2	9.29	41.2	9.43	42.0	9.50	42.6	9.58	43.6	9.74	44.4	9.91
	31	36.2	9.54	38.7	9.67	40.6	9.81	41.3	9.88	42.0	9.96	42.8	10.1	43.7	10.3
	33	35.8	9.93	38.1	10.1	40.0	10.2	40.7	10.3	41.2	10.4	42.1	10.5	43.0	10.7
	35	35.3	10.3	37.6	10.4	39.3	10.6	40.0	10.7	40.5	10.8	41.4	10.9	42.2	11.1
	37	34.8	10.6	37.0	10.8	38.7	11.0	39.4	11.1	39.8	11.1	40.6	11.3	41.5	11.6
	39	34.3	11.0	36.5	11.1	38.1	11.3	38.7	11.4	39.2	11.5	39.9	11.8	40.8	12.0
90%	10	35.6	4.70	39.8	4.73	42.1	4.75	43.0	4.76	43.9	4.77	45.4	4.80	46.2	4.82
	12	35.5	4.98	39.2	5.01	41.5	5.04	42.5	5.06	43.3	5.07	44.7	5.10	45.6	5.13
	14	35.5	5.27	38.7	5.30	40.9	5.33	41.9	5.35	42.7	5.37	44.0	5.40	44.9	5.43
	16	35.4	5.55	38.2	5.59	40.4	5.63	41.3	5.64	42.1	5.66	43.4	5.70	44.3	5.74
	18	35.2	5.83	37.8	5.88	39.9	5.92	40.7	5.94	41.5	5.96	42.8	6.00	43.6	6.04
	20	34.9	6.12	37.3	6.16	39.4	6.21	40.2	6.23	41.0	6.25	42.2	6.30	43.0	6.35
	21	34.7	6.26	37.1	6.31	39.1	6.35	40.0	6.38	40.7	6.40	41.8	6.45	42.6	6.50
	23	34.3	6.54	36.6	6.59	38.6	6.65	39.4	6.67	40.1	6.70	41.2	6.75	42.0	6.80
	25	33.9	6.82	36.2	6.88	38.1	6.94	38.9	6.97	39.6	7.00	40.5	7.05	41.3	7.11
	27	33.4	7.11	35.7	7.17	37.6	7.23	38.3	7.26	39.0	7.29	39.9	7.35	40.7	7.41
	29	33.0	7.39	35.3	7.46	37.0	7.52	37.8	7.55	38.4	7.59	39.2	7.65	40.0	7.72
	31	32.6	7.67	34.8	7.74	36.5	7.81	37.2	7.85	37.8	7.88	38.5	7.95	39.3	8.02
	33	32.3	7.96	34.4	8.03	36.0	8.10	36.6	8.14	37.1	8.18	37.9	8.25	38.7	8.33
	35	31.9	8.24	34.0	8.32	35.5	8.40	36.0	8.44	36.4	8.48	37.2	8.55	38.0	8.63
	37	31.9	9.07	34.0	9.16	35.5	9.25	36.0	9.28	36.4	9.32	37.2	9.38	38.0	9.43
	39	31.9	10.0	34.0	10.1	35.5	10.2	36.0	10.2	36.4	10.2	37.2	10.3	38.0	10.3
80%	10	31.7	3.54	35.4	3.52	37.4	3.51	38.2	3.50	39.0	3.49	40.2	3.47	41.1	3.46
	12	31.6	3.79	34.9	3.77	36.9	3.76	37.7	3.75	38.4	3.75	39.6	3.74	40.5	3.72
	14	31.6	4.03	34.5	4.02	36.4	4.01	37.2	4.01	37.9	4.01	39.1	4.00	39.9	3.99
	16	31.6	4.28	34.0	4.27	35.9	4.27	36.7	4.27	37.4	4.26	38.6	4.26	39.4	4.26
	18	31.4	4.52	33.6	4.52	35.4	4.52	36.2	4.52	36.9	4.52	38.1	4.52	38.8	4.52
	20	31.0	4.77	33.2	4.77	35.0	4.78	35.7	4.78	36.4	4.78	37.5	4.79	38.2	4.79
	21	30.8	4.89	33.0	4.90	34.8	4.91	35.5	4.91	36.2	4.91	37.2	4.92	37.9	4.92
	23	30.5	5.14	32.6	5.15	34.3	5.16	35.0	5.16	35.7	5.17	36.6	5.18	37.3	5.19
	25	30.1	5.39	32.2	5.40	33.9	5.41	34.6	5.42	35.2	5.43	36.0	5.44	36.7	5.46
	27	29.8	5.63	31.8	5.65	33.4	5.67	34.1	5.68	34.6	5.69	35.4	5.70	36.1	5.72
	29	29.5	5.88	31.4	5.90	32.9	5.92	33.6	5.93	34.1	5.94	34.8	5.97	35.6	5.99
	31	29.2	6.12	31.1	6.15	32.5	6.18	33.1	6.19	33.6	6.20	34.3	6.23	35.0	6.26
	33	28.9	6.37	30.7	6.40	32.0	6.43	32.5	6.45	33.0	6.46	33.7	6.49	34.4	6.52
	35	28.6	6.62	30.3	6.65	31.6	6.69	32.0	6.70	32.4	6.72	33.1	6.75	33.8	6.79
	37	28.6	7.20	30.3	7.24	31.6	7.28	32.0	7.29	32.4	7.30	33.1	7.31	33.8	7.31
	39	28.6	7.94	30.3	7.99	31.6	8.01	32.0	8.02	32.4	8.03	33.1	8.02	33.8	8.01

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	27.7	2.56	30.9	2.51	32.6	2.45	33.4	2.43	34.0	2.40	35.1	2.34	36.0	2.29
	12	27.7	2.77	30.5	2.72	32.2	2.67	32.9	2.65	33.5	2.62	34.7	2.57	35.5	2.52
	14	27.6	2.98	30.1	2.94	31.8	2.89	32.5	2.87	33.1	2.85	34.2	2.80	34.9	2.75
	16	27.6	3.19	29.7	3.15	31.4	3.11	32.1	3.09	32.7	3.07	33.8	3.03	34.4	2.98
	18	27.5	3.40	29.4	3.37	31.0	3.33	31.7	3.31	32.3	3.29	33.3	3.25	33.9	3.22
	20	27.1	3.61	29.0	3.58	30.6	3.55	31.3	3.53	31.9	3.51	32.8	3.48	33.4	3.45
	21	27.0	3.72	28.9	3.69	30.4	3.66	31.1	3.64	31.7	3.63	32.5	3.59	33.2	3.56
	23	26.7	3.93	28.5	3.90	30.0	3.87	30.7	3.86	31.2	3.85	32.0	3.82	32.6	3.79
	25	26.4	4.14	28.2	4.12	29.6	4.09	30.2	4.08	30.8	4.07	31.5	4.05	32.1	4.02
	27	26.1	4.35	27.8	4.33	29.2	4.31	29.8	4.30	30.3	4.29	31.0	4.27	31.6	4.26
	29	25.8	4.56	27.5	4.54	28.8	4.53	29.4	4.52	29.8	4.52	30.5	4.50	31.1	4.49
	31	25.6	4.77	27.2	4.76	28.4	4.75	28.9	4.74	29.4	4.74	30.0	4.73	30.6	4.72
	33	25.3	4.98	26.9	4.97	28.0	4.97	28.5	4.96	28.9	4.96	29.5	4.96	30.1	4.95
	35	25.1	5.19	26.6	5.19	27.6	5.19	28.0	5.19	28.3	5.18	29.0	5.18	29.6	5.18
	37	25.1	5.61	26.6	5.61	27.6	5.61	28.0	5.60	28.3	5.59	29.0	5.57	29.6	5.54
	39	25.1	6.18	26.6	6.19	27.6	6.19	28.0	6.18	28.3	6.16	29.0	6.13	29.6	6.07
60%	10	23.7	1.78	26.4	1.69	27.9	1.60	28.5	1.55	29.1	1.50	30.1	1.41	30.8	1.32
	12	23.6	1.95	26.1	1.87	27.5	1.78	28.2	1.74	28.7	1.69	29.7	1.61	30.4	1.52
	14	23.6	2.13	25.7	2.04	27.2	1.96	27.8	1.92	28.4	1.88	29.3	1.80	30.0	1.72
	16	23.6	2.30	25.5	2.22	26.9	2.15	27.5	2.11	28.0	2.07	28.9	2.00	29.5	1.92
	18	23.5	2.47	25.2	2.40	26.6	2.33	27.2	2.30	27.7	2.26	28.6	2.19	29.1	2.12
	20	23.2	2.65	24.9	2.58	26.2	2.52	26.8	2.48	27.3	2.45	28.1	2.38	28.6	2.32
	21	23.1	2.74	24.7	2.67	26.1	2.61	26.6	2.58	27.1	2.55	27.9	2.48	28.4	2.42
	23	22.8	2.91	24.4	2.85	25.7	2.79	26.3	2.76	26.8	2.73	27.5	2.68	28.0	2.62
	25	22.6	3.08	24.1	3.03	25.4	2.98	25.9	2.95	26.4	2.92	27.0	2.87	27.5	2.82
	27	22.3	3.26	23.8	3.21	25.0	3.16	25.6	3.14	26.0	3.11	26.6	3.06	27.1	3.02
	29	22.1	3.43	23.5	3.39	24.7	3.35	25.2	3.32	25.6	3.30	26.1	3.26	26.7	3.21
	31	21.8	3.61	23.2	3.57	24.3	3.53	24.8	3.51	25.2	3.49	25.7	3.45	26.2	3.41
	33	21.6	3.78	23.0	3.75	24.0	3.71	24.4	3.70	24.7	3.68	25.3	3.65	25.8	3.61
	35	21.4	3.96	22.7	3.93	23.7	3.90	24.0	3.88	24.3	3.87	24.8	3.84	25.3	3.81
	37	21.4	4.30	22.7	4.27	23.7	4.24	24.0	4.22	24.3	4.20	24.8	4.16	25.3	4.12
	39	21.4	4.75	22.7	4.73	23.7	4.70	24.0	4.68	24.3	4.65	24.8	4.60	25.3	4.53
50%	10	19.8	1.58	21.9	1.56	23.2	1.53	23.7	1.51	24.2	1.48	25.1	1.41	25.7	1.32
	12	19.7	1.60	21.7	1.57	22.9	1.53	23.5	1.51	24.0	1.48	24.8	1.41	25.3	1.32
	14	19.7	1.64	21.5	1.60	22.7	1.55	23.2	1.53	23.7	1.49	24.4	1.42	25.0	1.34
	16	19.7	1.69	21.2	1.65	22.4	1.59	22.9	1.56	23.4	1.53	24.1	1.46	24.6	1.38
	18	19.6	1.76	21.0	1.71	22.1	1.65	22.6	1.62	23.1	1.59	23.8	1.51	24.2	1.44
	20	19.4	1.85	20.7	1.79	21.9	1.73	22.3	1.70	22.8	1.66	23.4	1.59	23.9	1.52
	21	19.3	1.90	20.6	1.84	21.7	1.77	22.2	1.74	22.6	1.71	23.2	1.64	23.7	1.57
	23	19.0	2.01	20.4	1.95	21.4	1.88	21.9	1.85	22.3	1.81	22.9	1.75	23.3	1.68
	25	18.8	2.13	20.1	2.07	21.2	2.01	21.6	1.97	22.0	1.94	22.5	1.88	23.0	1.81
	27	18.6	2.28	19.9	2.21	20.9	2.15	21.3	2.12	21.6	2.09	22.1	2.03	22.6	1.96
	29	18.3	2.44	19.6	2.38	20.6	2.32	21.0	2.29	21.3	2.26	21.8	2.20	22.2	2.13
	31	18.1	2.61	19.3	2.56	20.3	2.50	20.7	2.47	21.0	2.44	21.4	2.39	21.9	2.33
	33	17.9	2.80	19.1	2.75	20.0	2.70	20.3	2.68	20.6	2.65	21.0	2.60	21.5	2.54
	35	17.6	3.01	18.8	2.97	19.7	2.92	20.0	2.90	20.3	2.88	20.7	2.83	21.1	2.78
	37	17.6	3.31	18.8	3.26	19.7	3.22	20.0	3.20	20.3	3.18	20.7	3.14	21.1	3.11
	39	17.6	3.68	18.8	3.64	19.7	3.60	20.0	3.57	20.3	3.55	20.7	3.49	21.1	3.43
40%	10	15.8	1.22	17.3	1.22	18.1	1.19	18.5	1.17	18.8	1.15	19.6	1.10	20.3	1.03
	12	15.8	1.24	17.1	1.22	17.9	1.19	18.2	1.17	18.6	1.15	19.4	1.09	20.0	1.03
	14	15.7	1.27	16.9	1.24	17.7	1.21	18.0	1.19	18.4	1.16	19.1	1.11	19.7	1.04
	16	15.7	1.31	16.7	1.28	17.5	1.24	17.8	1.21	18.2	1.19	18.8	1.13	19.4	1.07
	18	15.6	1.37	16.5	1.33	17.3	1.28	17.6	1.26	18.0	1.23	18.6	1.18	19.1	1.12
	20	15.4	1.44	16.3	1.39	17.1	1.34	17.4	1.32	17.8	1.29	18.3	1.24	18.8	1.18
	21	15.3	1.47	16.2	1.43	17.0	1.38	17.3	1.35	17.7	1.33	18.2	1.27	18.6	1.22
	23	15.1	1.56	16.0	1.51	16.8	1.46	17.1	1.44	17.4	1.41	17.9	1.36	18.4	1.30
	25	14.9	1.66	15.8	1.61	16.6	1.56	16.9	1.53	17.2	1.51	17.7	1.46	18.1	1.41
	27	14.7	1.77	15.7	1.72	16.4	1.67	16.8	1.65	17.0	1.62	17.4	1.57	17.8	1.52
	29	14.5	1.89	15.5	1.85	16.3	1.80	16.6	1.78	16.8	1.75	17.2	1.71	17.5	1.66
	31	14.4	2.03	15.3	1.99	16.1	1.94	16.4	1.92	16.6	1.90	17.0	1.85	17.3	1.81
	33	14.2	2.18	15.2	2.14	15.9	2.10	16.2	2.08	16.4	2.06	16.7	2.02	17.0	1.98
	35	14.0	2.34	15.0	2.31	15.7	2.27	16.0	2.26	16.2	2.24	16.5	2.20	16.8	2.16
	37	14.0	2.61	15.0	2.56	15.7	2.52	16.0	2.50	16.2	2.48	16.5	2.44	16.8	2.41
	39	14.0	2.92	15.0	2.87	15.7	2.83	16.0	2.81	16.2	2.78	16.5	2.73	16.8	2.68
30%	10	12.7	0.87	13.3	0.87	14.0	0.85	14.4	0.84	14.9	0.82	15.9	0.78	17.0	0.73
	12	12.5	0.89	13.1	0.87	13.8	0.85	14.2	0.84	14.7	0.82	15.6	0.78	16.7	0.73
	14	12.3	0.91	12.9	0.89	13.6	0.86	14.0	0.85	14.5	0.83	15.4	0.79	16.5	0.74
	16	12.1	0.94	12.7	0.91	13.5	0.88	13.9	0.87	14.3	0.85	15.2	0.81	16.2	0.76
	18	11.9	0.98	12.5	0.95	13.3	0.92	13.7	0.90	14.1	0.88	15.0	0.84	16.0	0.80
	20	11.7	1.02	12.3	0.99	13.1	0.96	13.5	0.94	13.9	0.92	14.8	0.88	15.7	0.84
	21	11.6	1.05	12.2	1.02	13.0	0.98	13.4	0.97	13.8	0.95	14.7	0.91	15.6	0.87
	23	11.4	1.11	12.0	1.08	12.8	1.04	13.2	1.03	13.6	1.01	14.4	0.97	15.4	0.93
	25	11.2	1.18	11.8	1.15	12.6	1.11	13.0	1.10	13.4	1.08	14.2	1.04	15.1	1.00
	27	10.9	1.26	11.6	1.23	12.4	1.19	12.8	1.18	13.2	1.16	14.0	1.12	14.9	1.09
	29	10.7	1.35	11.5	1.32	12.2	1.29	12.6	1.27	13.0	1.25	13.8	1.22	14.6	1.18
	31	10.5	1.45	11.3	1.42	12.0	1.39	12.4	1.37	12.8	1.36	13.6	1.32	14.3	1.29
	33	10.3	1.56	11.1	1.53	11.8	1.50	12.2	1.49	12.6	1.47	13.3	1.44	14.1	1.41
	35	10.1	1.67	10.9	1.65	11.6	1.62	12.0	1.61	12.4	1.60	13.1	1.57	13.8	1.54
	37	10.1	1.90	10.9	1.87	11.6	1.83	12.0	1.81	12.4	1.79	13.1	1.74	13.8	1.70
	39	10.1	2.15	10.9	2.11	11.6	2.06	12.0	2.04	12.4	2.02	13.1	1.98	13.8	1.93

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ16AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	51.0	7.92	54.2	8.03	56.8	8.14	57.7	8.20	58.3	8.26	59.6	8.39	60.9	8.53
	12	50.4	8.17	53.6	8.29	56.0	8.41	56.8	8.48	57.5	8.54	58.8	8.69	60.0	8.84
	14	49.9	8.45	53.0	8.57	55.2	8.70	56.0	8.77	56.6	8.84	57.9	9.00	59.2	9.16
	16	49.3	8.74	52.3	8.87	54.5	9.01	55.2	9.09	55.8	9.16	57.1	9.32	58.4	9.50
	18	48.7	9.06	51.7	9.19	53.7	9.34	54.3	9.42	55.0	9.50	56.3	9.67	57.5	9.86
	20	48.2	9.40	51.0	9.54	52.9	9.69	53.5	9.77	54.1	9.86	55.4	10.0	56.7	10.2
	21	47.9	9.57	50.6	9.72	52.5	9.87	53.1	9.96	53.7	10.0	55.0	10.2	56.3	10.4
	23	47.3	9.94	50.0	10.1	51.6	10.3	52.3	10.3	52.9	10.4	54.2	10.6	55.5	10.8
	25	46.7	10.3	49.2	10.5	50.8	10.7	51.5	10.7	52.1	10.8	53.4	11.0	54.7	11.2
	27	46.0	10.7	48.5	10.9	50.0	11.1	50.7	11.2	51.3	11.3	52.6	11.5	53.9	11.7
	29	45.4	11.2	47.8	11.3	49.2	11.5	49.8	11.6	50.5	11.7	51.8	11.9	53.0	12.1
	31	44.8	11.6	47.1	11.8	48.4	12.0	49.0	12.1	49.7	12.2	50.9	12.4	52.2	12.6
	33	44.1	12.1	46.2	12.3	47.6	12.5	48.2	12.6	48.8	12.6	50.1	12.9	51.4	13.1
	35	43.5	12.6	45.4	12.8	46.7	13.0	47.4	13.1	48.0	13.2	49.3	13.4	50.6	13.6
	37	42.8	13.1	44.6	13.3	45.9	13.5	46.5	13.6	47.2	13.7	48.5	13.9	49.7	14.1
	39	42.1	13.7	43.8	13.8	45.0	14.0	45.7	14.1	46.3	14.2	47.6	14.4	48.9	14.6
120%	10	49.5	7.89	52.8	8.00	55.5	8.11	56.6	8.17	57.5	8.23	58.7	8.36	59.9	8.49
	12	48.9	8.15	52.2	8.26	54.8	8.38	55.8	8.44	56.7	8.51	57.8	8.65	59.0	8.79
	14	48.4	8.42	51.6	8.54	54.1	8.67	55.1	8.74	55.8	8.81	57.0	8.96	58.2	9.12
	16	47.9	8.71	51.0	8.84	53.4	8.97	54.3	9.05	55.0	9.12	56.2	9.28	57.4	9.45
	18	47.3	9.03	50.4	9.16	52.7	9.30	53.6	9.38	54.2	9.46	55.4	9.63	56.5	9.81
	20	46.8	9.37	49.7	9.50	51.9	9.65	52.7	9.73	53.3	9.81	54.5	9.99	55.7	10.2
	21	46.5	9.54	49.4	9.68	51.6	9.83	52.3	9.91	52.9	10.0	54.1	10.2	55.3	10.4
	23	45.9	9.91	48.8	10.1	50.8	10.2	51.5	10.3	52.1	10.4	53.3	10.6	54.5	10.8
	25	45.4	10.3	48.1	10.4	50.1	10.6	50.7	10.7	51.3	10.8	52.5	11.0	53.7	11.2
	27	44.8	10.7	47.5	10.9	49.3	11.0	49.9	11.1	50.5	11.2	51.7	11.4	52.9	11.6
	29	44.2	11.1	46.8	11.3	48.5	11.5	49.1	11.6	49.7	11.7	50.9	11.9	52.0	12.1
	31	43.6	11.6	46.1	11.8	47.7	11.9	48.3	12.0	48.9	12.1	50.0	12.3	51.2	12.5
	33	43.0	12.1	45.4	12.2	46.9	12.4	47.5	12.5	48.0	12.6	49.2	12.8	50.4	13.0
	35	42.4	12.6	44.6	12.7	46.1	12.9	46.6	13.0	47.2	13.1	48.4	13.3	49.6	13.4
	37	41.8	13.1	43.9	13.2	45.2	13.4	45.8	13.5	46.4	13.6	47.5	13.8	48.7	14.1
	39	41.1	13.6	43.1	13.8	44.3	14.0	44.9	14.1	45.5	14.2	46.7	14.4	47.9	14.6
110%	10	47.8	7.86	51.2	7.97	53.9	8.08	55.1	8.14	56.2	8.19	57.8	8.32	58.9	8.45
	12	47.3	8.11	50.6	8.22	53.3	8.34	54.5	8.40	55.5	8.47	56.9	8.60	58.0	8.75
	14	46.8	8.39	50.0	8.50	52.7	8.63	53.8	8.69	54.7	8.76	56.1	8.91	57.2	9.07
	16	46.3	8.68	49.5	8.80	52.0	8.93	53.1	9.00	54.0	9.08	55.3	9.23	56.4	9.40
	18	45.7	9.00	48.9	9.12	51.4	9.26	52.4	9.33	53.2	9.41	54.4	9.58	55.5	9.75
	20	45.2	9.33	48.3	9.46	50.7	9.61	51.7	9.68	52.5	9.77	53.6	9.94	54.7	10.1
	21	45.0	9.51	48.0	9.64	50.4	9.79	51.3	9.87	52.1	9.95	53.2	10.1	54.3	10.3
	23	44.4	9.87	47.4	10.0	49.7	10.2	50.6	10.2	51.3	10.3	52.4	10.5	53.5	10.7
	25	43.9	10.3	46.8	10.4	49.0	10.6	49.8	10.6	50.5	10.7	51.6	10.9	52.7	11.1
	27	43.4	10.7	46.2	10.8	48.3	11.0	49.1	11.1	49.7	11.2	50.8	11.4	51.9	11.6
	29	42.8	11.1	45.6	11.3	47.6	11.4	48.3	11.5	48.9	11.6	49.9	11.8	51.0	12.0
	31	42.3	11.5	44.9	11.7	46.8	11.9	47.5	12.0	48.1	12.1	49.1	12.3	50.2	12.5
	33	41.7	12.0	44.3	12.2	46.1	12.4	46.7	12.5	47.3	12.6	48.3	12.8	49.4	13.0
	35	41.1	12.5	43.6	12.7	45.3	12.9	45.9	13.0	46.4	13.1	47.5	13.3	48.6	13.5
	37	40.5	13.0	42.9	13.2	44.5	13.4	45.0	13.5	45.6	13.6	46.6	13.8	47.7	14.0
	39	39.9	13.6	42.2	13.7	43.7	13.9	44.2	14.0	44.7	14.1	45.8	14.3	46.9	14.5
100%	10	44.3	7.81	49.4	7.92	52.2	8.03	53.4	8.08	54.6	8.14	56.5	8.26	57.9	8.39
	12	44.3	8.07	48.8	8.17	51.6	8.29	52.8	8.35	53.9	8.41	55.8	8.54	57.0	8.69
	14	44.3	8.34	48.3	8.45	51.0	8.57	52.2	8.63	53.3	8.70	55.0	8.84	56.2	9.00
	16	44.3	8.64	47.7	8.74	50.4	8.87	51.6	8.93	52.6	9.01	54.3	9.16	55.4	9.33
	18	44.1	8.96	47.2	9.06	49.8	9.19	50.9	9.26	51.9	9.33	53.5	9.50	54.5	9.68
	20	43.6	9.29	46.6	9.40	49.2	9.54	50.3	9.61	51.2	9.69	52.7	9.85	53.7	10.0
	21	43.3	9.47	46.4	9.58	48.9	9.72	50.0	9.79	50.9	9.87	52.3	10.0	53.3	10.2
	23	42.8	9.83	45.8	9.95	48.3	10.1	49.3	10.2	50.2	10.3	51.5	10.4	52.5	10.6
	25	42.3	10.2	45.3	10.3	47.6	10.5	48.6	10.6	49.5	10.7	50.7	10.8	51.7	11.0
	27	41.8	10.6	44.7	10.8	47.0	10.9	47.9	11.0	48.7	11.1	49.9	11.3	50.8	11.5
	29	41.3	11.1	44.1	11.2	46.3	11.4	47.2	11.4	48.0	11.5	49.1	11.7	50.0	11.9
	31	40.8	11.5	43.5	11.7	45.7	11.8	46.5	11.9	47.2	12.0	48.3	12.2	49.2	12.4
	33	40.3	12.0	42.9	12.1	45.0	12.3	45.8	12.4	46.4	12.5	47.4	12.7	48.4	12.9
	35	39.7	12.5	42.3	12.6	44.3	12.8	45.0	12.9	45.6	13.0	46.6	13.2	47.6	13.4
	37	39.2	13.0	41.7	13.1	43.5	13.3	44.2	13.4	44.8	13.5	45.7	13.7	46.7	13.9
	39	38.6	13.5	41.0	13.7	42.8	13.9	43.4	14.0	43.9	14.1	44.9	14.3	45.9	14.5
90%	10	39.9	6.51	44.4	6.55	47.0	6.61	48.1	6.64	49.1	6.67	50.9	6.75	52.1	6.83
	12	39.9	6.71	43.9	6.77	46.5	6.83	47.5	6.87	48.5	6.90	50.2	6.99	51.3	7.08
	14	39.9	6.93	43.5	7.00	45.9	7.07	47.0	7.11	47.9	7.15	49.5	7.24	50.6	7.34
	16	39.9	7.17	43.0	7.24	45.4	7.33	46.4	7.37	47.3	7.42	48.8	7.51	49.8	7.61
	18	39.7	7.42	42.5	7.51	44.8	7.60	45.8	7.65	46.7	7.70	48.2	7.80	49.1	7.91
	20	39.2	7.69	42.0	7.79	44.3	7.89	45.3	7.94	46.1	8.00	47.4	8.11	48.3	8.22
	21	39.0	7.84	41.7	7.94	44.0	8.04	45.0	8.10	45.8	8.15	47.1	8.26	48.0	8.38
	23	38.5	8.14	41.2	8.25	43.4	8.36	44.4	8.42	45.2	8.48	46.3	8.59	47.2	8.71
	25	38.1	8.46	40.7	8.57	42.9	8.69	43.8	8.76	44.5	8.82	45.6	8.94	46.5	9.07
	27	37.6	8.79	40.2	8.91	42.3	9.05	43.1	9.11	43.8	9.17	44.9	9.30	45.8	9.43
	29	37.2	9.15	39.7	9.28	41.7	9.41	42.5	9.48	43.2	9.55	44.2	9.68	45.0	9.82
	31	36.7	9.52	39.2	9.65	41.1	9.80	41.8	9.87	42.5	9.94	43.4	10.1	44.3	10.2
	33	36.2	9.91	38.6	10.0	40.5	10.2	41.2	10.3	41.8	10.3	42.7	10.5	43.5	10.6
	35	35.7	10.3	38.1	10.5	39.8	10.6	40.5	10.7	41.0	10.8	41.9	10.9	42.8	11.1
	37	35.7	11.0	38.1	11.2	39.8	11.3	40.5	11.4	41.0	11.4	41.9	11.6	42.8	11.7
	39	35.7	11.9	38.1	12.1	39.8	12.2	40.5	12.3	41.0	12.4	41.9	12.5	42.8	12.7
80%	10	35.5	5.33	39.5	5.32	41.8	5.34	42.7	5.35	43.7	5.37	45.2	5.42	46.3	5.48
	12	35.5	5.48	39.1	5.50	41.3	5.52	42.3	5.54	43.1	5.56	44.6	5.61	45.6	5.66
	14	35.5	5.65	38.6	5.68	40.8	5.72	41.8	5.74	42.6	5.76	44.0	5.81	44.9	5.87
	16	35.5	5.83	38.2	5.88	40.3	5.93	41.3	5.96	42.1	5.98	43.4	6.03	44.3	6.09
	18	35.3	6.03	37.8	6.10	39.9	6.16	40.8	6.19	41.5	6.22	42.8	6.27	43.6	6.32
	20	34.9	6.25	37.3	6.33	39.4	6.40	40.2	6.43	41.0	6.46	42.2	6.52	43.0	6.58
	21	34.7	6.37	37.1	6.45	39.1	6.52	40.0	6.56	40.7	6.59	41.8	6.65	42.6	6.71
	23	34.3	6.61	36.7	6.70	38.6	6.79	39.4	6.83	40.1	6.86	41.2	6.93	42.0	6.99
	25	33.9	6.87	36.2	6.97	38.1	7.06	38.9	7.10	39.6	7.14	40.6	7.22	41.3	7.28
	27	33.4	7.14	35.8	7.25	37.6	7.35	38.3	7.40	39.0	7.44	39.9	7.52	40.7	7.59
	29	33.0	7.44	35.3	7.55	37.1	7.66	37.8	7.71	38.4	7.75	39.3	7.84	40.0	7.92
	31	32.6	7.74	34.8	7.86	36.5	7.98	37.2	8.03	37.8	8.08	38.6	8.17	39.4	8.26
	33	32.2	8.07	34.3	8.19	36.0	8.31	36.6	8.37	37.1	8.42	37.9	8.52	38.7	8.62
	35	31.8	8.41	33.8	8.53	35.4	8.66	36.0	8.72	36.5	8.77	37.3	8.89	38.0	9.00
	37	31.8	8.75	33.8	8.84	35.4	8.92	36.0	8.97	36.5	9.01	37.3	9.10	38.0	9.19
	39	31.8	9.43	33.8	9.52	35.4	9.61	36.0	9.65	36.5	9.70	37.3	9.78	38.0	9.87

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	31.0	4.25	34.6	4.23	36.5	4.22	37.4	4.22	38.2	4.23	39.6	4.26	40.5	4.32
	12	31.0	4.37	34.2	4.36	36.1	4.36	37.0	4.37	37.7	4.38	39.0	4.40	39.9	4.44
	14	31.0	4.49	33.8	4.50	35.7	4.51	36.5	4.52	37.3	4.53	38.5	4.56	39.3	4.59
	16	31.0	4.64	33.4	4.66	35.3	4.68	36.1	4.69	36.8	4.70	38.0	4.73	38.7	4.75
	18	30.9	4.80	33.0	4.83	34.9	4.86	35.7	4.88	36.4	4.89	37.5	4.91	38.2	4.93
	20	30.5	4.97	32.7	5.01	34.4	5.05	35.2	5.07	35.9	5.09	36.9	5.11	37.6	5.12
	21	30.3	5.06	32.5	5.11	34.2	5.16	35.0	5.17	35.6	5.19	36.6	5.21	37.3	5.23
	23	30.0	5.26	32.1	5.32	33.8	5.37	34.5	5.39	35.1	5.41	36.0	5.43	36.7	5.45
	25	29.6	5.47	31.7	5.54	33.3	5.59	34.0	5.62	34.6	5.64	35.5	5.67	36.2	5.68
	27	29.3	5.70	31.3	5.77	32.9	5.83	33.5	5.86	34.1	5.88	34.9	5.92	35.6	5.94
	29	28.9	5.94	30.9	6.01	32.4	6.08	33.1	6.11	33.6	6.14	34.4	6.18	35.0	6.21
	31	28.5	6.19	30.5	6.27	32.0	6.35	32.5	6.38	33.0	6.41	33.8	6.46	34.4	6.50
	33	28.2	6.46	30.0	6.54	31.5	6.63	32.0	6.66	32.5	6.70	33.2	6.76	33.9	6.81
	35	27.8	6.75	29.6	6.83	31.0	6.92	31.5	6.96	31.9	6.99	32.6	7.06	33.3	7.13
	37	27.8	7.00	29.6	7.04	31.0	7.09	31.5	7.11	31.9	7.13	32.6	7.18	33.3	7.22
	39	27.8	7.50	29.6	7.55	31.0	7.60	31.5	7.62	31.9	7.65	32.6	7.70	33.3	7.75
60%	10	26.6	3.29	29.6	3.26	31.3	3.25	32.1	3.25	32.7	3.26	33.9	3.29	34.7	3.35
	12	26.6	3.37	29.3	3.35	31.0	3.34	31.7	3.35	32.4	3.35	33.5	3.38	34.2	3.41
	14	26.6	3.47	29.0	3.46	30.6	3.45	31.3	3.45	32.0	3.46	33.0	3.47	33.7	3.50
	16	26.6	3.58	28.6	3.57	30.3	3.58	30.9	3.58	31.6	3.58	32.6	3.58	33.2	3.59
	18	26.5	3.70	28.3	3.71	29.9	3.71	30.6	3.71	31.2	3.71	32.1	3.71	32.7	3.71
	20	26.2	3.84	28.0	3.85	29.5	3.86	30.2	3.86	30.7	3.86	31.6	3.86	32.2	3.85
	21	26.0	3.92	27.8	3.93	29.3	3.94	30.0	3.94	30.5	3.94	31.4	3.94	32.0	3.93
	23	25.7	4.08	27.5	4.10	29.0	4.11	29.6	4.11	30.1	4.11	30.9	4.11	31.5	4.09
	25	25.4	4.25	27.2	4.27	28.6	4.29	29.2	4.30	29.7	4.30	30.4	4.29	31.0	4.28
	27	25.1	4.44	26.8	4.47	28.2	4.49	28.8	4.49	29.2	4.50	29.9	4.49	30.5	4.48
	29	24.8	4.65	26.5	4.67	27.8	4.70	28.3	4.70	28.8	4.71	29.4	4.71	30.0	4.70
	31	24.5	4.86	26.1	4.89	27.4	4.92	27.9	4.93	28.3	4.93	29.0	4.94	29.5	4.94
	33	24.2	5.10	25.8	5.12	27.0	5.15	27.5	5.17	27.8	5.18	28.5	5.19	29.0	5.20
	35	23.8	5.34	25.4	5.37	26.6	5.40	27.0	5.42	27.4	5.43	27.9	5.46	28.5	5.48
	37	23.8	5.45	25.4	5.47	26.6	5.48	27.0	5.48	27.4	5.49	27.9	5.50	28.5	5.51
	39	23.8	5.86	25.4	5.88	26.6	5.89	27.0	5.90	27.4	5.91	27.9	5.92	28.5	5.94
50%	10	22.2	2.44	24.7	2.42	26.1	2.42	26.7	2.43	27.3	2.45	28.3	2.51	28.9	2.59
	12	22.2	2.50	24.4	2.48	25.8	2.47	26.4	2.48	27.0	2.49	27.9	2.52	28.5	2.58
	14	22.2	2.58	24.1	2.55	25.5	2.53	26.1	2.53	26.6	2.54	27.5	2.56	28.1	2.59
	16	22.2	2.66	23.9	2.63	25.2	2.61	25.8	2.61	26.3	2.61	27.1	2.61	27.7	2.63
	18	22.1	2.76	23.6	2.73	24.9	2.71	25.5	2.70	26.0	2.69	26.8	2.68	27.3	2.68
	20	21.8	2.88	23.3	2.84	24.6	2.82	25.1	2.80	25.6	2.79	26.4	2.78	26.9	2.76
	21	21.7	2.94	23.2	2.90	24.4	2.88	25.0	2.86	25.4	2.85	26.1	2.83	26.6	2.81
	23	21.4	3.07	22.9	3.04	24.1	3.01	24.7	2.99	25.1	2.98	25.7	2.95	26.2	2.92
	25	21.2	3.23	22.6	3.19	23.8	3.16	24.3	3.14	24.7	3.12	25.3	3.09	25.8	3.05
	27	20.9	3.39	22.3	3.35	23.5	3.32	24.0	3.30	24.4	3.28	24.9	3.24	25.4	3.21
	29	20.6	3.57	22.1	3.53	23.2	3.49	23.6	3.48	24.0	3.46	24.5	3.42	25.0	3.38
	31	20.4	3.76	21.8	3.72	22.8	3.69	23.2	3.67	23.6	3.65	24.1	3.62	24.6	3.58
	33	20.1	3.97	21.5	3.92	22.5	3.89	22.9	3.88	23.2	3.86	23.7	3.83	24.2	3.80
	35	19.9	4.19	21.2	4.14	22.1	4.12	22.5	4.10	22.8	4.09	23.3	4.06	23.8	4.04
	37	19.9	4.27	21.2	4.26	22.1	4.25	22.5	4.25	22.8	4.24	23.3	4.23	23.8	4.22
	39	19.9	4.66	21.2	4.65	22.1	4.64	22.5	4.63	22.8	4.62	23.3	4.61	23.8	4.60
40%	10	17.7	1.69	19.7	1.64	20.9	1.60	21.4	1.57	21.8	1.55	22.6	1.50	23.1	1.46
	12	17.7	1.79	19.5	1.74	20.6	1.70	21.1	1.68	21.6	1.65	22.3	1.61	22.8	1.57
	14	17.7	1.89	19.3	1.84	20.4	1.80	20.9	1.78	21.3	1.76	22.0	1.72	22.5	1.67
	16	17.7	1.98	19.1	1.94	20.2	1.90	20.6	1.88	21.0	1.86	21.7	1.82	22.1	1.78
	18	17.6	2.08	18.9	2.05	19.9	2.01	20.4	1.99	20.8	1.97	21.4	1.93	21.8	1.89
	20	17.4	2.18	18.7	2.15	19.7	2.11	20.1	2.09	20.5	2.07	21.1	2.04	21.5	2.00
	21	17.3	2.23	18.5	2.20	19.6	2.16	20.0	2.14	20.4	2.12	20.9	2.09	21.3	2.05
	23	17.1	2.33	18.3	2.30	19.3	2.26	19.7	2.25	20.1	2.23	20.6	2.20	21.0	2.16
	25	16.9	2.43	18.1	2.40	19.1	2.37	19.4	2.35	19.8	2.33	20.3	2.30	20.7	2.27
	27	16.7	2.53	17.9	2.50	18.8	2.47	19.2	2.45	19.5	2.44	20.0	2.41	20.3	2.38
	29	16.5	2.63	17.6	2.60	18.5	2.57	18.9	2.56	19.2	2.54	19.6	2.51	20.0	2.48
	31	16.3	2.73	17.4	2.70	18.3	2.67	18.6	2.66	18.9	2.65	19.3	2.62	19.7	2.59
	33	16.1	2.83	17.2	2.80	18.0	2.78	18.3	2.76	18.6	2.75	19.0	2.73	19.4	2.70
	35	15.9	2.93	16.9	2.90	17.7	2.88	18.0	2.87	18.2	2.86	18.6	2.83	19.0	2.81
	37	15.9	3.46	16.9	3.43	17.7	3.41	18.0	3.39	18.2	3.38	18.6	3.35	19.0	3.33
	39	15.9	3.76	16.9	3.73	17.7	3.70	18.0	3.69	18.2	3.68	18.6	3.65	19.0	3.63
30%	10	14.3	1.18	15.2	1.13	16.2	1.09	16.7	1.07	17.2	1.05	18.3	1.00	19.4	0.96
	12	14.1	1.25	15.0	1.21	16.0	1.17	16.5	1.15	17.0	1.13	18.0	1.08	19.1	1.04
	14	13.9	1.33	14.8	1.29	15.8	1.25	16.3	1.23	16.8	1.21	17.8	1.16	18.8	1.12
	16	13.7	1.41	14.6	1.37	15.5	1.33	16.0	1.31	16.5	1.28	17.5	1.24	18.6	1.20
	18	13.5	1.48	14.4	1.44	15.3	1.40	15.8	1.38	16.3	1.36	17.3	1.32	18.3	1.28
	20	13.2	1.56	14.1	1.52	15.1	1.48	15.5	1.46	16.0	1.44	17.0	1.40	18.0	1.37
	21	13.1	1.60	14.0	1.56	14.9	1.52	15.4	1.50	15.9	1.48	16.9	1.44	17.9	1.41
	23	12.9	1.67	13.8	1.64	14.7	1.60	15.2	1.58	15.6	1.56	16.6	1.53	17.6	1.49
	25	12.7	1.75	13.5	1.71	14.4	1.68	14.9	1.66	15.4	1.64	16.3	1.61	17.3	1.57
	27	12.4	1.83	13.3	1.79	14.2	1.76	14.6	1.74	15.1	1.72	16.0	1.69	17.0	1.65
	29	12.2	1.90	13.0	1.87	13.9	1.83	14.4	1.82	14.8	1.80	15.7	1.77	16.7	1.73
	31	11.9	1.98	12.8	1.95	13.6	1.91	14.1	1.90	14.5	1.88	15.4	1.85	16.3	1.81
	33	11.7	2.05	12.5	2.02	13.4	1.99	13.8	1.97	14.2	1.96	15.1	1.93	16.0	1.89
	35	11.4	2.13	12.2	2.10	13.1	2.07	13.5	2.05	13.9	2.04	14.8	2.01	15.7	1.98
	37	11.4	2.66	12.2	2.63	13.1	2.60	13.5	2.58	13.9	2.56	14.8	2.53	15.7	2.50
	39	11.4	2.86	12.2	2.82	13.1	2.79	13.5	2.78	13.9	2.76	14.8	2.73	15.7	2.70

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ☐ shows rated condition.

RXQ18AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	56.6	9.39	60.3	9.52	63.1	9.66	64.1	9.73	64.8	9.80	66.2	9.95	67.6	10.1
	12	56.0	9.69	59.6	9.83	62.2	9.98	63.1	10.1	63.9	10.1	65.3	10.3	66.7	10.5
	14	55.4	10.0	58.9	10.2	61.4	10.3	62.2	10.4	62.9	10.5	64.4	10.7	65.8	10.9
	16	54.8	10.4	58.1	10.5	60.6	10.7	61.3	10.8	62.0	10.9	63.4	11.1	64.9	11.3
	18	54.1	10.7	57.4	10.9	59.7	11.1	60.4	11.2	61.1	11.3	62.5	11.5	63.9	11.7
	20	53.5	11.1	56.7	11.3	58.7	11.5	59.4	11.6	60.2	11.7	61.6	11.9	63.0	12.1
	21	53.2	11.4	56.3	11.5	58.3	11.7	59.0	11.8	59.7	11.9	61.1	12.1	62.6	12.4
	23	52.5	11.8	55.5	12.0	57.4	12.2	58.1	12.3	58.8	12.4	60.2	12.6	61.7	12.8
	25	51.8	12.3	54.7	12.4	56.5	12.6	57.2	12.7	57.9	12.9	59.3	13.1	60.8	13.3
	27	51.1	12.7	53.9	12.9	55.6	13.1	56.3	13.2	57.0	13.4	58.4	13.6	59.9	13.8
	29	50.5	13.3	53.1	13.5	54.7	13.7	55.4	13.8	56.1	13.9	57.5	14.1	58.9	14.4
	31	49.7	13.8	52.3	14.0	53.8	14.2	54.5	14.3	55.2	14.4	56.6	14.7	58.0	14.9
	33	49.0	14.4	51.4	14.6	52.9	14.8	53.6	14.9	54.3	15.0	55.7	15.2	57.1	15.5
	35	48.3	15.0	50.5	15.2	51.9	15.4	52.6	15.5	53.4	15.6	54.8	15.8	56.2	16.1
	37	47.5	15.6	49.6	15.8	51.0	16.0	51.7	16.1	52.4	16.2	53.8	16.5	55.3	16.7
	39	46.8	16.2	48.7	16.4	50.1	16.6	50.8	16.7	51.5	16.9	52.9	17.1	54.3	17.4
120%	10	55.0	9.36	58.7	9.49	61.7	9.62	62.9	9.69	63.9	9.76	65.2	9.91	66.5	10.1
	12	54.4	9.66	58.0	9.79	60.9	9.94	62.0	10.0	63.0	10.1	64.3	10.3	65.6	10.4
	14	53.8	9.99	57.3	10.1	60.1	10.3	61.2	10.4	62.0	10.4	63.3	10.6	64.7	10.8
	16	53.2	10.3	56.7	10.5	59.3	10.6	60.3	10.7	61.1	10.8	62.4	11.0	63.7	11.2
	18	52.6	10.7	56.0	10.9	58.5	11.0	59.5	11.1	60.2	11.2	61.5	11.4	62.8	11.6
	20	51.9	11.1	55.3	11.3	57.7	11.4	58.6	11.5	59.3	11.6	60.6	11.9	61.9	12.1
	21	51.6	11.3	54.9	11.5	57.3	11.7	58.1	11.8	58.8	11.9	60.1	12.1	61.5	12.3
	23	51.0	11.8	54.2	11.9	56.5	12.1	57.2	12.2	57.9	12.3	59.2	12.5	60.5	12.8
	25	50.4	12.2	53.5	12.4	55.7	12.6	56.4	12.7	57.0	12.8	58.3	13.0	59.6	13.3
	27	49.8	12.7	52.7	12.9	54.8	13.1	55.5	13.2	56.1	13.3	57.4	13.5	58.7	13.8
	29	49.1	13.2	52.0	13.4	53.9	13.6	54.6	13.7	55.2	13.8	56.5	14.1	57.8	14.3
	31	48.5	13.8	51.2	13.9	53.0	14.1	53.7	14.3	54.3	14.4	55.6	14.6	56.9	14.9
	33	47.8	14.3	50.4	14.5	52.1	14.7	52.7	14.8	53.4	14.9	54.7	15.2	56.0	15.5
	35	47.1	14.9	49.6	15.1	51.2	15.3	51.8	15.4	52.5	15.5	53.8	15.8	55.1	15.9
	37	46.4	15.5	48.8	15.7	50.2	15.9	50.9	16.0	51.5	16.2	52.8	16.4	54.1	16.7
	39	45.7	16.1	47.9	16.4	49.3	16.6	49.9	16.7	50.6	16.8	51.9	17.1	53.2	17.3
110%	10	53.1	9.32	56.9	9.45	59.9	9.58	61.3	9.65	62.5	9.72	64.2	9.87	65.4	10.0
	12	52.6	9.62	56.2	9.75	59.2	9.89	60.5	9.97	61.7	10.0	63.3	10.2	64.5	10.4
	14	52.0	9.95	55.6	10.1	58.5	10.2	59.8	10.3	60.8	10.4	62.3	10.6	63.5	10.8
	16	51.4	10.3	55.0	10.4	57.8	10.6	59.0	10.7	60.0	10.8	61.4	11.0	62.6	11.2
	18	50.8	10.7	54.3	10.8	57.1	11.0	58.2	11.1	59.2	11.2	60.5	11.4	61.7	11.6
	20	50.3	11.1	53.7	11.2	56.4	11.4	57.4	11.5	58.4	11.6	59.6	11.8	60.8	12.0
	21	50.0	11.3	53.3	11.4	56.0	11.6	57.0	11.7	57.9	11.8	59.1	12.0	60.3	12.2
	23	49.4	11.7	52.7	11.9	55.2	12.1	56.2	12.2	57.0	12.3	58.2	12.5	59.4	12.7
	25	48.8	12.2	52.0	12.3	54.5	12.5	55.4	12.6	56.1	12.7	57.3	13.0	58.5	13.2
	27	48.2	12.7	51.3	12.8	53.7	13.0	54.6	13.1	55.2	13.2	56.4	13.5	57.6	13.7
	29	47.6	13.2	50.6	13.3	52.9	13.5	53.7	13.7	54.3	13.8	55.5	14.0	56.7	14.3
	31	47.0	13.7	49.9	13.9	52.0	14.1	52.8	14.2	53.4	14.3	54.6	14.6	55.8	14.8
	33	46.4	14.3	49.2	14.4	51.2	14.7	51.9	14.8	52.5	14.9	53.7	15.1	54.9	15.4
	35	45.7	14.8	48.4	15.0	50.3	15.3	51.0	15.4	51.6	15.5	52.7	15.7	54.0	16.0
	37	45.1	15.4	47.7	15.7	49.4	15.9	50.0	16.0	50.6	16.1	51.8	16.3	53.0	16.6
	39	44.4	16.1	46.9	16.3	48.5	16.5	49.1	16.6	49.7	16.7	50.9	17.0	52.1	17.2
100%	10	49.2	9.27	54.8	9.39	58.0	9.52	59.4	9.59	60.6	9.66	62.8	9.80	64.3	9.95
	12	49.2	9.57	54.2	9.69	57.3	9.83	58.7	9.90	59.9	9.97	62.0	10.1	63.4	10.3
	14	49.2	9.90	53.6	10.0	56.7	10.2	58.0	10.2	59.2	10.3	61.1	10.5	62.4	10.7
	16	49.2	10.2	53.0	10.4	56.0	10.5	57.3	10.6	58.5	10.7	60.3	10.9	61.5	11.1
	18	49.0	10.6	52.4	10.7	55.4	10.9	56.6	11.0	57.7	11.1	59.5	11.3	60.6	11.5
	20	48.4	11.0	51.8	11.2	54.7	11.3	55.9	11.4	56.9	11.5	58.6	11.7	59.7	11.9
	21	48.1	11.2	51.5	11.4	54.3	11.5	55.5	11.6	56.5	11.7	58.1	11.9	59.2	12.1
	23	47.6	11.7	50.9	11.8	53.6	12.0	54.8	12.1	55.8	12.2	57.2	12.4	58.3	12.6
	25	47.0	12.1	50.3	12.3	52.9	12.4	54.0	12.5	55.0	12.6	56.3	12.9	57.4	13.1
	27	46.5	12.6	49.7	12.8	52.2	12.9	53.3	13.0	54.1	13.1	55.4	13.4	56.5	13.6
	29	45.9	13.1	49.0	13.3	51.5	13.5	52.5	13.6	53.3	13.7	54.5	13.9	55.6	14.1
	31	45.3	13.6	48.4	13.8	50.7	14.0	51.7	14.1	52.4	14.2	53.6	14.4	54.7	14.7
	33	44.7	14.2	47.7	14.4	50.0	14.6	50.8	14.7	51.6	14.8	52.7	15.0	53.8	15.3
	35	44.1	14.8	47.0	15.0	49.2	15.2	50.0	15.3	50.7	15.4	51.8	15.6	52.8	15.9
	37	43.5	15.4	46.3	15.6	48.4	15.8	49.1	15.9	49.7	16.0	50.8	16.3	51.9	16.5
	39	42.9	16.0	45.6	16.2	47.6	16.4	48.3	16.6	48.8	16.7	49.9	16.9	51.0	17.2
90%	10	44.3	7.72	49.4	7.77	52.2	7.84	53.4	7.88	54.6	7.92	56.5	8.00	57.9	8.11
	12	44.3	7.96	48.8	8.03	51.6	8.10	52.8	8.14	53.9	8.19	55.8	8.29	57.0	8.39
	14	44.3	8.22	48.3	8.30	51.0	8.39	52.2	8.43	53.3	8.48	55.0	8.59	56.2	8.70
	16	44.3	8.50	47.7	8.59	50.4	8.69	51.6	8.74	52.6	8.80	54.3	8.91	55.4	9.03
	18	44.1	8.80	47.2	8.90	49.8	9.02	50.9	9.07	51.9	9.13	53.5	9.25	54.5	9.38
	20	43.6	9.13	46.6	9.24	49.2	9.36	50.3	9.42	51.2	9.49	52.7	9.61	53.7	9.75
	21	43.3	9.30	46.4	9.41	48.9	9.54	50.0	9.61	50.9	9.67	52.3	9.80	53.3	9.94
	23	42.8	9.65	45.8	9.78	48.3	9.92	49.3	9.98	50.2	10.1	51.5	10.2	52.5	10.3
	25	42.3	10.0	45.3	10.2	47.6	10.3	48.6	10.4	49.5	10.5	50.7	10.6	51.7	10.8
	27	41.8	10.4	44.7	10.6	47.0	10.7	47.9	10.8	48.7	10.9	49.9	11.0	50.8	11.2
	29	41.3	10.8	44.1	11.0	46.3	11.2	47.2	11.2	48.0	11.3	49.1	11.5	50.0	11.6
	31	40.8	11.3	43.5	11.4	45.7	11.6	46.5	11.7	47.2	11.8	48.3	12.0	49.2	12.1
	33	40.3	11.8	42.9	11.9	45.0	12.1	45.8	12.2	46.4	12.3	47.4	12.4	48.4	12.6
	35	39.7	12.2	42.3	12.4	44.3	12.6	45.0	12.7	45.6	12.8	46.6	13.0	47.6	13.1
	37	39.7	13.1	42.3	13.2	44.3	13.4	45.0	13.5	45.6	13.6	46.6	13.7	47.6	13.9
	39	39.7	14.2	42.3	14.3	44.3	14.5	45.0	14.6	45.6	14.7	46.6	14.8	47.6	15.0
80%	10	39.4	6.32	43.9	6.32	46.4	6.33	47.5	6.35	48.5	6.37	50.3	6.42	51.4	6.49
	12	39.4	6.50	43.4	6.52	45.9	6.55	47.0	6.57	47.9	6.59	49.6	6.65	50.7	6.72
	14	39.4	6.70	42.9	6.74	45.4	6.78	46.4	6.81	47.4	6.84	48.9	6.89	49.9	6.96
	16	39.4	6.92	42.4	6.98	44.8	7.04	45.8	7.07	46.8	7.10	48.2	7.16	49.2	7.22
	18	39.2	7.16	42.0	7.23	44.3	7.30	45.3	7.34	46.2	7.37	47.6	7.44	48.5	7.50
	20	38.7	7.42	41.5	7.50	43.7	7.59	44.7	7.63	45.5	7.67	46.9	7.74	47.7	7.80
	21	38.5	7.55	41.2	7.65	43.5	7.74	44.4	7.78	45.2	7.82	46.5	7.89	47.4	7.96
	23	38.1	7.84	40.7	7.95	42.9	8.05	43.8	8.09	44.6	8.14	45.8	8.22	46.6	8.29
	25	37.6	8.15	40.2	8.26	42.3	8.38	43.2	8.43	44.0	8.47	45.1	8.56	45.9	8.64
	27	37.2	8.47	39.7	8.60	41.8	8.72	42.6	8.77	43.3	8.83	44.3	8.92	45.2	9.00
	29	36.7	8.82	39.2	8.95	41.2	9.08	42.0	9.14	42.6	9.20	43.6	9.30	44.5	9.39
	31	36.2	9.18	38.7	9.32	40.6	9.46	41.3	9.52	42.0	9.58	42.9	9.70	43.7	9.80
	33	35.8	9.57	38.1	9.71	40.0	9.85	40.7	9.92	41.2	9.99	42.2	10.1	43.0	10.2
	35	35.3	9.97	37.6	10.1	39.3	10.3	40.0	10.3	40.5	10.4	41.4	10.5	42.3	10.7
	37	35.3	10.4	37.6	10.5	39.3	10.6	40.0	10.6	40.5	10.7	41.4	10.8	42.3	10.9
	39	35.3	11.2	37.6	11.3	39.3	11.4	40.0	11.4	40.5	11.5	41.4	11.6	42.3	11.7
70%	10	34.5	5.04	38.4	5.01	40.6	5.00	41.6	5.01	42.4	5.02	44.0	5.06	45.0	5.12
	12	34.5	5.18	38.0	5.17	40.1	5.17	41.1	5.18	41.9	5.19	43.4	5.22	44.3	5.27
	14	34.5	5.33	37.6	5.34	39.7	5.35	40.6	5.36	41.4	5.38	42.8	5.40	43.7	5.44
	16	34.5	5.50	37.1	5.52	39.2	5.55	40.1	5.57	40.9	5.58	42.2	5.60	43.1	5.63
	18	34.3	5.69	36.7	5.73	38.7	5.77	39.6	5.78	40.4	5.80	41.6	5.82	42.4	5.84
	20	33.9	5.89	36.3	5.95	38.3	6.00	39.1	6.01	39.9	6.03	41.0	6.06	41.8	6.07
	21	33.7	6.00	36.1	6.06	38.0	6.12	38.9	6.14	39.6	6.15	40.7	6.18	41.5	6.20
	23	33.3	6.24	35.6	6.31	37.5	6.37	38.3	6.39	39.0	6.41	40.1	6.44	40.8	6.46
	25	32.9	6.49	35.2	6.56	37.0	6.64	37.8	6.66	38.5	6.69	39.4	6.72	40.2	6.74
	27	32.5	6.75	34.8	6.84	36.5	6.92	37.3	6.95	37.9	6.98	38.8	7.02	39.5	7.05
	29	32.1	7.04	34.3	7.13	36.0	7.22	36.7	7.25	37.3	7.28	38.2	7.33	38.9	7.37
	31	31.7	7.34	33.8	7.44	35.5	7.53	36.2	7.57	36.7	7.60	37.5	7.66	38.3	7.71
	33	31.3	7.67	33.4	7.76	35.0	7.86	35.6	7.90	36.1	7.94	36.9	8.01	37.6	8.08
	35	30.9	8.01	32.9	8.10	34.4	8.20	35.0	8.25	35.5	8.29	36.2	8.38	37.0	8.46
	37	30.9	8.30	32.9	8.35	34.4	8.40	35.0	8.43	35.5	8.46	36.2	8.51	37.0	8.56
	39	30.9	8.90	32.9	8.96	34.4	9.01	35.0	9.04	35.5	9.07	36.2	9.13	37.0	9.19
60%	10	29.5	3.90	32.9	3.86	34.8	3.85	35.6	3.85	36.4	3.87	37.7	3.91	38.6	3.98
	12	29.5	4.00	32.5	3.97	34.4	3.96	35.2	3.97	35.9	3.97	37.2	4.00	38.0	4.05
	14	29.5	4.12	32.2	4.10	34.0	4.09	34.8	4.10	35.5	4.10	36.7	4.12	37.5	4.15
	16	29.5	4.25	31.8	4.24	33.6	4.24	34.4	4.24	35.1	4.24	36.2	4.25	36.9	4.26
	18	29.4	4.39	31.5	4.40	33.2	4.40	34.0	4.40	34.6	4.40	35.7	4.40	36.4	4.40
	20	29.1	4.56	31.1	4.57	32.8	4.58	33.5	4.58	34.2	4.58	35.1	4.58	35.8	4.57
	21	28.9	4.65	30.9	4.66	32.6	4.67	33.3	4.68	33.9	4.68	34.9	4.67	35.5	4.66
	23	28.6	4.84	30.5	4.86	32.2	4.87	32.9	4.88	33.5	4.88	34.3	4.87	35.0	4.85
	25	28.2	5.05	30.2	5.07	31.8	5.09	32.4	5.09	33.0	5.10	33.8	5.09	34.4	5.07
	27	27.9	5.27	29.8	5.30	31.3	5.32	32.0	5.33	32.5	5.33	33.3	5.33	33.9	5.31
	29	27.5	5.51	29.4	5.54	30.9	5.57	31.5	5.58	32.0	5.58	32.7	5.58	33.3	5.57
	31	27.2	5.77	29.0	5.80	30.4	5.83	31.0	5.84	31.5	5.85	32.2	5.86	32.8	5.86
	33	26.8	6.05	28.6	6.08	30.0	6.11	30.5	6.13	30.9	6.14	31.6	6.16	32.3	6.17
	35	26.5	6.34	28.2	6.37	29.5	6.41	30.0	6.43	30.4	6.44	31.1	6.47	31.7	6.50
	37	26.5	6.47	28.2	6.48	29.5	6.50	30.0	6.50	30.4	6.51	31.1	6.52	31.7	6.54
	39	26.5	6.95	28.2	6.97	29.5	6.99	30.0	7.00	30.4	7.01	31.1	7.02	31.7	7.04
50%	10	24.6	2.90	27.4	2.87	29.0	2.87	29.7	2.89	30.3	2.91	31.4	2.97	32.1	3.07
	12	24.6	2.97	27.1	2.94	28.7	2.93	29.3	2.94	30.0	2.95	31.0	2.99	31.7	3.06
	14	24.6	3.05	26.8	3.02	28.3	3.01	29.0	3.01	29.6	3.01	30.6	3.03	31.2	3.08
	16	24.6	3.16	26.5	3.12	28.0	3.10	28.7	3.09	29.2	3.09	30.1	3.10	30.8	3.12
	18	24.5	3.28	26.2	3.24	27.7	3.21	28.3	3.20	28.9	3.19	29.7	3.18	30.3	3.18
	20	24.2	3.41	25.9	3.37	27.3	3.34	27.9	3.33	28.5	3.31	29.3	3.29	29.8	3.28
	21	24.1	3.49	25.8	3.44	27.2	3.41	27.8	3.40	28.3	3.38	29.1	3.35	29.6	3.33
	23	23.8	3.65	25.5	3.60	26.8	3.57	27.4	3.55	27.9	3.53	28.6	3.50	29.2	3.46
	25	23.5	3.83	25.1	3.78	26.5	3.74	27.0	3.72	27.5	3.70	28.2	3.66	28.7	3.62
	27	23.2	4.02	24.8	3.97	26.1	3.93	26.6	3.91	27.1	3.89	27.7	3.85	28.2	3.80
	29	22.9	4.23	24.5	4.18	25.7	4.14	26.2	4.12	26.6	4.10	27.3	4.06	27.8	4.01
	31	22.7	4.46	24.2	4.41	25.4	4.37	25.8	4.35	26.2	4.33	26.8	4.29	27.3	4.25
	33	22.4	4.71	23.8	4.65	25.0	4.62	25.4	4.60	25.8	4.58	26.3	4.54	26.9	4.51
	35	22.1	4.97	23.5	4.91	24.6	4.88	25.0	4.86	25.3	4.85	25.9	4.82	26.4	4.79
	37	22.1	5.07	23.5	5.06	24.6	5.04	25.0	5.04	25.3	5.03	25.9	5.02	26.4	5.00
	39	22.1	5.52	23.5	5.51	24.6	5.50	25.0	5.49	25.3	5.49	25.9	5.47	26.4	5.46
40%	10	19.7	2.00	21.9	1.95	23.2	1.89	23.7	1.87	24.3	1.84	25.1	1.78	25.7	1.73
	12	19.7	2.12	21.7	2.07	22.9	2.01	23.5	1.99	24.0	1.96	24.8	1.91	25.3	1.86
	14	19.7	2.24	21.5	2.19	22.7	2.14	23.2	2.11	23.7	2.09	24.4	2.04	25.0	1.99
	16	19.7	2.35	21.2	2.31	22.4	2.26	22.9	2.23	23.4	2.21	24.1	2.16	24.6	2.11
	18	19.6	2.47	21.0	2.43	22.1	2.38	22.6	2.36	23.1	2.33	23.8	2.29	24.2	2.24
	20	19.4	2.59	20.7	2.55	21.9	2.50	22.4	2.48	22.8	2.46	23.4	2.41	23.9	2.37
	21	19.3	2.65	20.6	2.61	21.7	2.56	22.2	2.54	22.6	2.52	23.2	2.48	23.7	2.43
	23	19.0	2.77	20.4	2.73	21.5	2.68	21.9	2.66	22.3	2.64	22.9	2.60	23.3	2.56
	25	18.8	2.88	20.1	2.85	21.2	2.81	21.6	2.79	22.0	2.77	22.5	2.73	23.0	2.69
	27	18.6	3.00	19.9	2.96	20.9	2.93	21.3	2.91	21.7	2.89	22.2	2.86	22.6	2.82
	29	18.4	3.12	19.6	3.08	20.6	3.05	21.0	3.03	21.3	3.02	21.8	2.98	22.2	2.95
	31	18.1	3.24	19.3	3.20	20.3	3.17	20.7	3.16	21.0	3.14	21.4	3.11	21.9	3.08
	33	17.9	3.35	19.1	3.32	20.0	3.29	20.3	3.28	20.6	3.26	21.1	3.23	21.5	3.20
	35	17.7	3.47	18.8	3.44	19.7	3.42	20.0	3.40	20.3	3.39	20.7	3.36	21.1	3.33
	37	17.7	4.10	18.8	4.07	19.7	4.04	20.0	4.02	20.3	4.01	20.7	3.98	21.1	3.95
	39	17.7	4.45	18.8	4.42	19.7	4.39	20.0	4.38	20.3	4.36	20.7	4.33	21.1	4.30
30%	10	15.9	1.40	16.9	1.35	18.0	1.29	18.6	1.27	19.1	1.24	20.3	1.19	21.5	1.14
	12	15.6	1.49	16.7	1.44	17.8	1.39	18.3	1.36	18.9	1.34	20.0	1.28	21.2	1.23
	14	15.4	1.58	16.5	1.53	17.5	1.48	18.1	1.45	18.6	1.43	19.8	1.38	20.9	1.33
	16	15.2	1.67	16.2	1.62	17.3	1.57	17.8	1.55	18.4	1.52	19.5	1.48	20.6	1.43
	18	15.0	1.76	16.0	1.71	17.0	1.66	17.5	1.64	18.1	1.62	19.2	1.57	20.3	1.52
	20	14.7	1.85	15.7	1.80	16.7	1.76	17.3	1.73	17.8	1.71	18.9	1.67	20.0	1.62
	21	14.6	1.89	15.6	1.85	16.6	1.80	17.1	1.78	17.6	1.76	18.7	1.71	19.8	1.67
	23	14.3	1.99	15.3	1.94	16.3	1.90	16.8	1.87	17.4	1.85	18.4	1.81	19.5	1.76
	25	14.1	2.08	15.0	2.03	16.0	1.99	16.5	1.97	17.1	1.95	18.1	1.90	19.2	1.86
	27	13.8	2.17	14.8	2.12	15.7	2.08	16.2	2.06	16.8	2.04	17.8	2.00	18.8	1.96
	29	13.6	2.26	14.5	2.22	15.5	2.18	15.9	2.16	16.4	2.14	17.5	2.09	18.5	2.05
	31	13.3	2.35	14.2	2.31	15.2	2.27	15.6	2.25	16.1	2.23	17.1	2.19	18.2	2.15
	33	13.0	2.44	13.9	2.40	14.8	2.36	15.3	2.34	15.8	2.32	16.8	2.29	17.8	2.25
	35	12.7	2.53	13.6	2.49	14.5	2.45	15.0	2.44	15.5	2.42	16.5	2.38	17.5	2.34
	37	12.7	3.15	13.6	3.11	14.5	3.08	15.0	3.06	15.5	3.04	16.5	3.00	17.5	2.97
	39	12.7	3.39	13.6	3.35	14.5	3.31	15.0	3.29	15.5	3.27	16.5	3.24	17.5	3.20

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ20AYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	63.9	10.9	68.2	11.0	71.6	11.1	72.7	11.2	73.5	11.2	75.0	11.2	76.4	11.3
	12	63.1	11.2	67.3	11.4	70.5	11.5	71.5	11.6	72.3	11.7	73.8	11.8	75.2	11.9
	14	62.3	11.6	66.4	11.8	69.3	11.9	70.3	12.0	71.1	12.1	72.6	12.3	74.0	12.4
	16	61.6	12.0	65.5	12.2	68.2	12.4	69.1	12.5	69.9	12.6	71.4	12.8	72.8	13.0
	18	60.8	12.4	64.7	12.6	67.2	12.8	68.0	12.9	68.8	13.0	70.3	13.3	71.7	13.5
	20	60.0	12.9	63.8	13.1	66.1	13.3	66.9	13.4	67.7	13.5	69.2	13.8	70.6	14.0
	21	59.7	13.1	63.3	13.3	65.6	13.5	66.4	13.7	67.2	13.8	68.6	14.0	70.1	14.3
	23	58.9	13.6	62.4	13.8	64.6	14.1	65.3	14.2	66.1	14.3	67.6	14.6	69.0	14.9
	25	58.1	14.2	61.5	14.4	63.6	14.6	64.3	14.7	65.1	14.9	66.5	15.1	68.0	15.4
	27	57.3	14.7	60.6	15.0	62.6	15.2	63.3	15.3	64.1	15.4	65.5	15.7	67.0	16.0
	29	56.5	15.3	59.7	15.6	61.6	15.8	62.3	15.9	63.1	16.1	64.5	16.3	66.0	16.6
	31	55.7	16.0	58.8	16.2	60.6	16.4	61.4	16.6	62.1	16.7	63.5	17.0	64.9	17.3
	33	54.9	16.6	57.9	16.8	59.7	17.1	60.4	17.2	61.2	17.4	62.5	17.6	63.9	17.9
	35	54.1	17.3	56.9	17.5	58.7	17.8	59.5	17.9	60.2	18.0	61.6	18.2	62.9	18.6
	37	53.3	17.8	56.0	18.1	57.8	18.3	58.6	18.4	59.3	18.6	60.6	19.0	61.9	19.4
	39	52.5	18.3	55.1	18.6	56.9	19.2	57.5	19.4	57.7	19.5	59.3	19.8	60.9	20.1
120%	10	61.8	10.8	66.3	11.0	69.9	11.1	71.4	11.2	72.5	11.3	73.9	11.5	75.1	11.5
	12	60.9	11.2	65.4	11.3	68.9	11.5	70.2	11.6	71.3	11.7	72.7	11.9	73.9	12.1
	14	60.2	11.6	64.5	11.7	67.8	11.9	69.1	12.0	70.1	12.1	71.5	12.3	72.7	12.5
	16	59.5	12.0	63.6	12.1	66.8	12.3	68.0	12.4	68.9	12.5	70.3	12.7	71.6	13.0
	18	58.9	12.4	62.8	12.6	65.8	12.8	66.9	12.9	67.8	13.0	69.1	13.2	70.4	13.5
	20	58.2	12.9	61.9	13.0	64.8	13.2	65.8	13.4	66.6	13.5	68.0	13.7	69.3	14.0
	21	57.8	13.1	61.5	13.3	64.3	13.5	65.3	13.6	66.1	13.7	67.5	14.0	68.8	14.2
	23	57.1	13.6	60.7	13.8	63.4	14.0	64.3	14.1	65.0	14.2	66.4	14.5	67.8	14.8
	25	56.4	14.1	59.9	14.3	62.4	14.6	63.3	14.7	64.0	14.8	65.4	15.1	66.8	15.4
	27	55.7	14.7	59.0	14.9	61.5	15.1	62.3	15.3	63.0	15.4	64.3	15.7	65.7	16.0
	29	55.0	15.3	58.2	15.5	60.5	15.7	61.3	15.9	62.0	16.0	63.3	16.3	64.7	16.6
	31	54.2	15.9	57.4	16.1	59.6	16.4	60.3	16.5	61.0	16.6	62.3	16.9	63.7	17.2
	33	53.5	16.6	56.6	16.8	58.6	17.0	59.4	17.2	60.1	17.3	61.3	17.6	62.7	17.9
	35	52.7	17.2	55.8	17.5	57.7	17.7	58.4	17.8	59.1	18.0	60.4	18.3	61.6	18.6
	37	51.9	17.8	55.0	18.1	56.8	18.4	57.5	18.6	58.2	18.7	59.4	19.0	60.6	19.3
	39	51.2	18.3	54.2	18.7	55.8	19.2	56.6	19.3	56.9	19.4	58.1	19.7	59.6	20.0
110%	10	59.8	10.8	64.3	10.9	68.0	11.1	69.6	11.2	70.9	11.2	72.8	11.4	73.9	11.6
	12	58.9	11.1	63.4	11.3	67.0	11.4	68.5	11.5	69.8	11.6	71.5	11.8	72.7	12.0
	14	58.2	11.5	62.5	11.7	66.1	11.8	67.5	11.9	68.7	12.0	70.3	12.2	71.5	12.4
	16	57.6	11.9	61.7	12.1	65.1	12.3	66.5	12.4	67.6	12.5	69.2	12.7	70.3	12.9
	18	56.9	12.3	60.8	12.5	64.2	12.7	65.5	12.8	66.5	12.9	68.0	13.1	69.2	13.4
	20	56.3	12.8	60.1	13.0	63.3	13.2	64.5	13.3	65.5	13.4	66.9	13.6	68.1	13.9
	21	56.0	13.0	59.7	13.2	62.8	13.4	64.0	13.5	65.0	13.7	66.3	13.9	67.6	14.2
	23	55.3	13.5	59.0	13.7	61.9	13.9	63.1	14.1	63.9	14.2	65.2	14.4	66.5	14.7
	25	54.6	14.1	58.2	14.3	61.0	14.5	62.1	14.6	62.9	14.7	64.2	15.0	65.5	15.3
	27	54.0	14.6	57.4	14.8	60.1	15.1	61.1	15.2	61.9	15.3	63.1	15.6	64.5	15.9
	29	53.3	15.2	56.7	15.4	59.2	15.7	60.2	15.8	60.9	15.9	62.1	16.2	63.5	16.5
	31	52.6	15.8	55.9	16.1	58.3	16.3	59.2	16.4	59.9	16.6	61.1	16.8	62.4	17.1
	33	51.9	16.5	55.0	16.7	57.4	17.0	58.3	17.1	58.9	17.2	60.1	17.5	61.4	17.8
	35	51.2	17.2	54.3	17.4	56.5	17.6	57.3	17.8	58.0	17.9	59.1	18.2	60.4	18.5
	37	50.4	17.7	53.5	18.1	55.7	18.4	56.4	18.5	57.0	18.6	58.2	18.9	59.4	19.2
	39	49.7	18.2	52.8	18.6	54.8	19.1	55.4	19.2	56.1	19.4	57.0	19.7	58.3	19.9
100%	10	55.7	10.7	62.3	10.9	65.9	11.0	67.5	11.1	68.9	11.2	71.2	11.3	72.6	11.4
	12	55.5	11.1	61.4	11.2	65.0	11.4	66.5	11.5	67.9	11.6	70.1	11.7	71.4	11.9
	14	55.3	11.5	60.5	11.6	64.1	11.8	65.6	11.9	66.9	12.0	69.0	12.2	70.2	12.4
	16	55.2	11.9	59.7	12.0	63.2	12.2	64.6	12.3	65.9	12.4	67.8	12.6	69.0	12.8
	18	54.8	12.3	58.9	12.5	62.3	12.6	63.7	12.7	64.9	12.8	66.7	13.1	67.9	13.3
	20	54.2	12.8	58.1	12.9	61.4	13.1	62.8	13.2	64.0	13.3	65.7	13.6	66.8	13.8
	21	53.9	13.0	57.7	13.2	61.0	13.4	62.3	13.5	63.5	13.6	65.1	13.8	66.3	14.1
	23	53.3	13.5	57.0	13.7	60.1	13.9	61.4	14.0	62.5	14.1	64.1	14.3	65.3	14.6
	25	52.7	14.0	56.3	14.2	59.3	14.4	60.5	14.5	61.5	14.7	63.0	14.9	64.3	15.2
	27	52.0	14.6	55.6	14.8	58.4	15.0	59.6	15.1	60.6	15.2	62.0	15.5	63.2	15.8
	29	51.4	15.2	54.9	15.4	57.6	15.6	58.7	15.7	59.7	15.8	61.0	16.1	62.2	16.4
	31	50.7	15.8	54.1	16.0	56.8	16.2	57.8	16.4	58.7	16.5	60.0	16.7	61.2	17.0
	33	50.1	16.4	53.4	16.6	55.9	16.9	56.9	17.0	57.7	17.1	58.9	17.4	60.2	17.7
	35	49.4	17.0	52.6	17.3	55.1	17.6	56.0	17.7	56.7	17.8	57.9	18.1	59.1	18.4
	37	48.7	17.5	51.8	17.8	54.2	18.1	55.1	18.2	55.8	18.4	56.9	18.8	58.1	19.1
	39	48.0	18.0	51.1	18.3	53.4	19.0	54.2	19.2	54.8	19.3	55.9	19.6	57.1	19.9
90%	10	49.9	8.23	55.7	8.29	58.9	8.36	60.3	8.39	61.5	8.43	63.5	8.49	64.7	8.56
	12	49.7	8.64	54.9	8.72	58.1	8.79	59.4	8.83	60.6	8.87	62.5	8.95	63.8	9.02
	14	49.7	9.06	54.2	9.14	57.3	9.23	58.6	9.27	59.8	9.31	61.6	9.40	62.9	9.48
	16	49.6	9.47	53.5	9.57	56.6	9.66	57.8	9.71	58.9	9.75	60.8	9.85	62.0	9.94
	18	49.3	9.89	52.9	9.99	55.8	10.1	57.0	10.1	58.1	10.2	60.0	10.3	61.1	10.4
	20	48.8	10.3	52.2	10.4	55.1	10.5	56.3	10.6	57.4	10.6	59.0	10.8	60.1	10.9
	21	48.5	10.5	51.9	10.6	54.7	10.7	55.9	10.8	57.0	10.9	58.6	11.0	59.7	11.1
	23	48.0	10.9	51.3	11.1	54.0	11.2	55.2	11.2	56.2	11.3	57.7	11.4	58.8	11.6
	25	47.4	11.3	50.7	11.5	53.3	11.6	54.4	11.7	55.4	11.7	56.7	11.9	57.8	12.0
	27	46.8	11.8	50.0	11.9	52.6	12.0	53.7	12.1	54.6	12.2	55.8	12.3	56.9	12.5
	29	46.2	12.2	49.4	12.3	51.9	12.5	52.9	12.6	53.7	12.6	54.9	12.8	56.0	12.9
	31	45.7	12.6	48.8	12.7	51.1	12.9	52.1	13.0	52.9	13.1	54.0	13.2	55.1	13.4
	33	45.2	13.0	48.2	13.2	50.4	13.3	51.2	13.4	51.9	13.5	53.0	13.7	54.1	13.9
	35	44.7	13.4	47.6	13.6	49.7	13.8	50.4	13.9	51.0	14.0	52.1	14.1	53.2	14.3
	37	44.7	14.5	47.6	14.7	49.7	14.9	50.4	14.9	51.0	15.0	52.1	15.2	53.2	15.4
	39	44.7	15.8	47.6	16.0	49.7	16.2	50.4	16.3	51.0	16.4	52.1	15.9	53.2	16.0
80%	10	44.4	6.22	49.5	6.24	52.3	6.27	53.5	6.28	54.6	6.29	56.3	6.31	57.6	6.34
	12	44.3	6.56	48.9	6.59	51.6	6.62	52.8	6.64	53.8	6.65	55.5	6.68	56.7	6.71
	14	44.2	6.90	48.2	6.94	50.9	6.98	52.1	7.00	53.0	7.02	54.7	7.05	55.9	7.09
	16	44.2	7.24	47.6	7.29	50.3	7.33	51.3	7.36	52.3	7.38	54.0	7.42	55.1	7.47
	18	43.9	7.59	47.0	7.64	49.6	7.69	50.7	7.72	51.7	7.74	53.3	7.79	54.3	7.85
	20	43.4	7.93	46.5	7.99	49.0	8.05	50.0	8.08	51.0	8.11	52.5	8.16	53.5	8.22
	21	43.2	8.10	46.2	8.16	48.7	8.22	49.7	8.26	50.6	8.29	52.1	8.35	53.0	8.41
	23	42.7	8.44	45.6	8.51	48.0	8.58	49.1	8.62	49.9	8.65	51.2	8.72	52.2	8.79
	25	42.2	8.79	45.1	8.86	47.4	8.94	48.4	8.97	49.2	9.01	50.4	9.09	51.4	9.16
	27	41.7	9.13	44.5	9.21	46.8	9.29	47.7	9.33	48.5	9.38	49.6	9.46	50.6	9.54
	29	41.3	9.47	44.0	9.56	46.1	9.65	47.0	9.69	47.7	9.74	48.8	9.83	49.8	9.92
	31	40.8	9.81	43.5	9.91	45.4	10.0	46.3	10.1	47.0	10.1	48.0	10.2	49.0	10.3
	33	40.4	10.2	43.0	10.3	44.8	10.4	45.5	10.4	46.2	10.5	47.2	10.6	48.1	10.7
	35	40.0	10.5	42.5	10.6	44.2	10.7	44.8	10.8	45.3	10.8	46.3	10.9	47.3	11.0
	37	40.0	11.3	42.5	11.4	44.2	11.4	44.8	11.5	45.3	11.5	46.3	11.6	47.3	11.7
	39	40.0	12.3	42.5	12.4	44.2	12.4	44.8	12.5	45.3	12.5	46.3	12.6	47.3	12.7
70%	10	38.8	4.83	43.3	4.82	45.7	4.80	46.7	4.80	47.6	4.79	49.2	4.78	50.4	4.76
	12	38.8	5.11	42.7	5.10	45.1	5.09	46.1	5.09	47.0	5.08	48.5	5.08	49.6	5.07
	14	38.7	5.38	42.2	5.38	44.5	5.38	45.5	5.38	46.4	5.38	47.9	5.37	48.9	5.37
	16	38.7	5.66	41.6	5.66	43.9	5.66	44.9	5.67	45.8	5.67	47.3	5.67	48.2	5.68
	18	38.5	5.93	41.1	5.94	43.4	5.95	44.4	5.96	45.2	5.96	46.6	5.97	47.5	5.98
	20	38.0	6.21	40.6	6.22	42.9	6.24	43.8	6.25	44.6	6.25	45.9	6.27	46.8	6.28
	21	37.8	6.35	40.4	6.36	42.6	6.38	43.5	6.39	44.3	6.40	45.6	6.42	46.4	6.44
	23	37.4	6.62	39.9	6.64	42.0	6.67	42.9	6.68	43.7	6.69	44.8	6.72	45.7	6.74
	25	36.9	6.90	39.4	6.93	41.5	6.96	42.3	6.97	43.1	6.98	44.1	7.01	45.0	7.04
	27	36.6	7.17	39.0	7.21	40.9	7.24	41.7	7.26	42.4	7.28	43.4	7.31	44.3	7.35
	29	36.2	7.45	38.5	7.49	40.3	7.53	41.1	7.55	41.8	7.57	42.7	7.61	43.6	7.65
	31	35.8	7.72	38.1	7.77	39.8	7.82	40.5	7.84	41.1	7.86	42.0	7.91	42.8	7.96
	33	35.4	8.00	37.6	8.05	39.2	8.10	39.9	8.13	40.4	8.15	41.3	8.21	42.1	8.26
	35	35.1	8.27	37.2	8.33	38.7	8.39	39.2	8.42	39.7	8.45	40.5	8.51	41.4	8.56
	37	35.1	8.82	37.2	8.85	38.7	8.88	39.2	8.90	39.7	8.91	40.5	8.94	41.4	8.97
	39	35.1	9.63	37.2	9.63	38.7	9.63	39.2	9.64	39.7	9.65	40.5	9.68	41.4	9.71
60%	10	33.2	4.07	37.0	4.02	39.0	3.98	39.9	3.95	40.7	3.93	42.1	3.88	43.2	3.84
	12	33.1	4.28	36.5	4.24	38.5	4.20	39.4	4.18	40.2	4.16	41.6	4.12	42.6	4.08
	14	33.1	4.50	36.0	4.46	38.1	4.43	39.0	4.41	39.8	4.39	41.1	4.36	41.9	4.32
	16	33.1	4.71	35.6	4.68	37.6	4.65	38.5	4.64	39.3	4.62	40.5	4.59	41.3	4.56
	18	32.9	4.92	35.2	4.90	37.2	4.88	38.0	4.86	38.8	4.85	40.0	4.83	40.7	4.80
	20	32.5	5.14	34.8	5.12	36.7	5.10	37.5	5.09	38.2	5.08	39.4	5.06	40.1	5.05
	21	32.3	5.25	34.6	5.23	36.5	5.21	37.3	5.21	38.0	5.20	39.0	5.18	39.8	5.17
	23	32.0	5.46	34.2	5.45	36.0	5.44	36.8	5.43	37.5	5.43	38.4	5.42	39.2	5.41
	25	31.6	5.67	33.8	5.67	35.6	5.66	36.3	5.66	36.9	5.66	37.8	5.65	38.6	5.65
	27	31.2	5.89	33.4	5.89	35.1	5.89	35.8	5.89	36.4	5.89	37.2	5.89	37.9	5.89
	29	30.9	6.10	32.9	6.11	34.6	6.11	35.2	6.12	35.8	6.12	36.6	6.13	37.3	6.13
	31	30.6	6.31	32.5	6.33	34.1	6.34	34.7	6.34	35.2	6.35	36.0	6.36	36.7	6.38
	33	30.3	6.53	32.2	6.55	33.6	6.56	34.2	6.57	34.6	6.58	35.4	6.60	36.1	6.62
	35	30.0	6.74	31.8	6.76	33.1	6.79	33.6	6.80	34.0	6.81	34.7	6.84	35.5	6.86
	37	30.0	7.18	31.8	7.19	33.1	7.19	33.6	7.19	34.0	7.19	34.7	7.19	35.5	7.18
	39	30.0	7.83	31.8	7.80	33.1	7.78	33.6	7.77	34.0	7.76	34.7	7.76	35.5	7.75
50%	10	27.7	3.36	30.7	3.32	32.5	3.32	33.2	3.34	33.9	3.36	35.1	3.44	36.0	3.55
	12	27.6	3.44	30.4	3.40	32.1	3.39	32.9	3.40	33.5	3.41	34.7	3.46	35.5	3.54
	14	27.6	3.53	30.0	3.49	31.7	3.48	32.5	3.48	33.1	3.48	34.2	3.51	34.9	3.56
	16	27.6	3.65	29.7	3.61	31.4	3.59	32.1	3.58	32.7	3.58	33.8	3.58	34.4	3.61
	18	27.4	3.79	29.4	3.75	31.0	3.72	31.7	3.70	32.3	3.69	33.3	3.68	33.9	3.68
	20	27.1	3.95	29.0	3.90	30.6	3.87	31.3	3.85	31.9	3.83	32.8	3.81	33.4	3.79
	21	27.0	4.03	28.9	3.99	30.4	3.95	31.1	3.93	31.7	3.91	32.5	3.88	33.2	3.86
	23	26.6	4.22	28.5	4.17	30.0	4.13	30.7	4.11	31.2	4.09	32.0	4.05	32.6	4.01
	25	26.3	4.43	28.1	4.37	29.6	4.33	30.2	4.31	30.8	4.28	31.5	4.24	32.1	4.19
	27	26.0	4.65	27.8	4.60	29.2	4.55	29.8	4.53	30.3	4.50	31.0	4.45	31.6	4.40
	29	25.7	4.90	27.4	4.84	28.8	4.80	29.4	4.77	29.8	4.75	30.5	4.69	31.1	4.64
	31	25.4	5.16	27.1	5.10	28.4	5.06	28.9	5.03	29.4	5.01	30.0	4.96	30.6	4.91
	33	25.0	5.44	26.7	5.39	28.0	5.34	28.5	5.32	28.9	5.30	29.5	5.25	30.1	5.21
	35	24.7	5.75	26.3	5.69	27.5	5.65	28.0	5.63	28.4	5.61	29.0	5.57	29.6	5.55
	37	24.7	6.30	26.3	6.31	27.5	6.32	28.0	6.32	28.4	6.33	29.0	6.33	29.6	6.33
	39	24.7	6.82	26.3	6.82	27.5	6.82	28.0	6.82	28.4	6.82	29.0	6.82	29.6	6.82
40%	10	22.2	2.32	24.2	2.25	25.3	2.19	25.8	2.16	26.4	2.13	27.5	2.06	28.4	2.00
	12	22.1	2.45	23.9	2.39	25.0	2.33	25.5	2.30	26.1	2.27	27.1	2.21	28.0	2.15
	14	22.0	2.59	23.6	2.53	24.7	2.47	25.3	2.44	25.8	2.41	26.7	2.36	27.5	2.30
	16	22.0	2.72	23.3	2.67	24.4	2.61	25.0	2.59	25.5	2.56	26.4	2.50	27.1	2.45
	18	21.8	2.86	23.1	2.81	24.2	2.75	24.7	2.73	25.2	2.70	26.0	2.65	26.7	2.59
	20	21.5	3.00	22.8	2.95	23.9	2.90	24.4	2.87	24.9	2.84	25.6	2.79	26.3	2.74
	21	21.4	3.06	22.7	3.01	23.8	2.97	24.3	2.94	24.7	2.92	25.5	2.87	26.1	2.82
	23	21.1	3.20	22.4	3.15	23.5	3.11	24.0	3.08	24.4	3.06	25.1	3.01	25.7	2.97
	25	20.9	3.34	22.2	3.29	23.3	3.25	23.7	3.23	24.1	3.20	24.8	3.16	25.3	3.11
	27	20.6	3.47	21.9	3.43	23.0	3.39	23.5	3.37	23.8	3.35	24.4	3.30	24.9	3.26
	29	20.3	3.61	21.7	3.57	22.8	3.53	23.2	3.51	23.5	3.49	24.1	3.45	24.6	3.41
	31	20.1	3.75	21.5	3.71	22.5	3.67	22.9	3.65	23.3	3.63	23.8	3.60	24.2	3.56
	33	19.9	3.88	21.2	3.85	22.3	3.81	22.7	3.79	23.0	3.78	23.4	3.74	23.8	3.71
	35	19.6	4.02	21.0	3.98	22.0	3.95	22.4	3.94	22.7	3.92	23.1	3.89	23.5	3.86
	37	19.6	5.00	21.0	4.99	22.0	4.98	22.4	4.98	22.7	4.97	23.1	4.96	23.5	4.94
	39	19.6	5.39	21.0	5.38	22.0	5.36	22.4	5.35	22.7	5.35	23.1	5.33	23.5	5.31
30%	10	17.8	1.62	18.6	1.56	19.6	1.50	20.2	1.47	20.8	1.44	22.2	1.38	23.8	1.32
	12	17.5	1.72	18.4	1.66	19.4	1.60	19.9	1.57	20.6	1.55	21.9	1.49	23.4	1.43
	14	17.2	1.83	18.1	1.77	19.1	1.71	19.7	1.68	20.3	1.65	21.6	1.60	23.1	1.54
	16	16.9	1.93	17.8	1.88	18.8	1.82	19.4	1.79	20.0	1.76	21.3	1.71	22.7	1.65
	18	16.7	2.04	17.5	1.98	18.6	1.93	19.1	1.90	19.7	1.87	21.0	1.82	22.4	1.76
	20	16.4	2.14	17.3	2.09	18.3	2.03	18.8	2.01	19.4	1.98	20.7	1.93	22.0	1.87
	21	16.2	2.19	17.1	2.14	18.2	2.09	18.7	2.06	19.3	2.04	20.5	1.98	21.9	1.93
	23	15.9	2.30	16.9	2.25	17.9	2.19	18.4	2.17	19.0	2.14	20.2	2.09	21.5	2.04
	25	15.6	2.40	16.6	2.35	17.6	2.30	18.2	2.28	18.7	2.25	19.9	2.20	21.1	2.15
	27	15.3	2.51	16.3	2.46	17.4	2.41	17.9	2.39	18.4	2.36	19.6	2.31	20.8	2.27
	29	15.0	2.61	16.0	2.56	17.1	2.52	17.6	2.49	18.2	2.47	19.3	2.42	20.4	2.38
	31	14.7	2.71	15.8	2.67	16.8	2.62	17.3	2.60	17.9	2.58	19.0	2.53	20.1	2.49
	33	14.4	2.82	15.5	2.78	16.5	2.73	17.1	2.71	17.6	2.69	18.7	2.64	19.7	2.60
	35	14.1	2.92	15.2	2.88	16.3	2.84	16.8	2.82	17.3	2.80	18.4	2.75	19.4	2.71
	37	14.1	3.71	15.2	3.68	16.3	3.66	16.8	3.64	17.3	3.63	18.4	3.60	19.4	3.57
	39	14.1	3.98	15.2	3.96	16.3	3.93	16.8	3.91	17.3	3.90	18.4	3.87	19.4	3.83

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ18AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	57.3	7.06	61.1	7.15	64.1	7.25	65.1	7.30	65.8	7.35	67.2	7.45	68.5	7.55
	12	56.7	7.39	60.4	7.48	63.1	7.58	64.0	7.63	64.7	7.68	66.1	7.79	67.5	7.90
	14	56.0	7.72	59.6	7.82	62.2	7.92	63.0	7.97	63.7	8.03	65.1	8.14	66.5	8.25
	16	55.3	8.06	58.8	8.17	61.3	8.27	62.0	8.32	62.7	8.38	64.1	8.49	65.5	8.61
	18	54.7	8.42	58.0	8.52	60.3	8.63	61.1	8.68	61.8	8.74	63.1	8.85	64.5	8.98
	20	54.0	8.76	57.3	8.88	59.4	8.99	60.1	9.05	60.8	9.11	62.2	9.22	63.5	9.35
	21	53.6	8.92	56.9	9.06	58.9	9.18	59.6	9.23	60.3	9.29	61.7	9.41	63.1	9.54
	23	53.0	9.27	56.1	9.41	58.0	9.55	58.7	9.61	59.4	9.67	60.8	9.79	62.1	9.92
	25	52.3	9.63	55.3	9.78	57.1	9.93	57.8	10.0	58.5	10.1	59.8	10.2	61.2	10.3
	27	51.6	10.0	54.4	10.2	56.2	10.3	56.9	10.4	57.6	10.5	58.9	10.6	60.3	10.7
	29	50.9	10.4	53.6	10.6	55.3	10.7	56.0	10.8	56.7	10.9	58.0	11.0	59.4	11.1
	31	50.1	10.9	52.8	11.0	54.4	11.1	55.1	11.2	55.8	11.3	57.1	11.4	58.5	11.5
	33	49.4	11.3	51.9	11.4	53.5	11.6	54.2	11.6	54.9	11.7	56.2	11.8	57.6	11.9
	35	48.7	11.8	51.1	11.9	52.6	12.0	53.3	12.0	54.0	12.1	55.3	12.2	56.6	12.4
	37	47.9	12.2	50.2	12.3	51.7	12.4	52.5	12.5	53.2	12.5	54.4	12.7	55.7	12.8
	39	47.2	12.6	49.3	12.7	50.9	12.9	51.6	12.9	52.3	13.0	53.6	13.1	54.8	13.2
120%	10	55.5	7.03	59.4	7.13	62.6	7.22	63.9	7.27	64.9	7.32	66.2	7.43	67.4	7.53
	12	54.8	7.36	58.7	7.45	61.7	7.56	62.9	7.61	63.8	7.66	65.1	7.77	66.3	7.88
	14	54.2	7.69	57.9	7.79	60.9	7.90	61.9	7.95	62.8	8.01	64.1	8.12	65.3	8.24
	16	53.6	8.03	57.2	8.14	60.0	8.25	61.0	8.30	61.8	8.36	63.1	8.48	64.3	8.60
	18	53.0	8.38	56.5	8.49	59.1	8.60	60.1	8.66	60.8	8.72	62.1	8.85	63.4	8.98
	20	52.4	8.73	55.7	8.85	58.3	8.97	59.2	9.03	59.9	9.09	61.2	9.22	62.4	9.35
	21	52.1	8.90	55.3	9.02	57.8	9.15	58.7	9.21	59.4	9.28	60.7	9.41	61.9	9.54
	23	51.4	9.24	54.6	9.37	57.0	9.52	57.8	9.59	58.5	9.66	59.7	9.79	61.0	9.93
	25	50.8	9.60	53.9	9.74	56.1	9.89	56.9	9.97	57.5	10.0	58.8	10.2	60.1	10.3
	27	50.1	9.99	53.1	10.1	55.3	10.3	56.0	10.4	56.6	10.4	57.9	10.6	59.2	10.7
	29	49.5	10.4	52.4	10.5	54.4	10.7	55.1	10.8	55.7	10.8	57.0	11.0	58.3	11.1
	31	48.8	10.8	51.6	11.0	53.5	11.1	54.2	11.2	54.8	11.3	56.1	11.4	57.3	11.6
	33	48.1	11.2	50.9	11.4	52.7	11.5	53.3	11.6	53.9	11.7	55.2	11.8	56.4	12.0
	35	47.5	11.7	50.1	11.8	51.8	12.0	52.4	12.0	53.1	12.1	54.3	12.3	55.5	12.4
	37	46.7	12.1	49.3	12.3	50.9	12.4	51.5	12.5	52.2	12.5	53.4	12.7	54.6	12.8
	39	46.1	12.6	48.6	12.7	50.0	12.8	50.7	12.9	51.3	13.0	52.5	13.1	53.6	13.3
110%	10	53.7	7.00	57.6	7.10	60.8	7.20	62.2	7.25	63.5	7.30	65.1	7.41	66.2	7.52
	12	53.0	7.32	56.9	7.42	60.1	7.53	61.4	7.58	62.5	7.64	64.1	7.75	65.2	7.87
	14	52.4	7.66	56.2	7.76	59.3	7.87	60.5	7.93	61.6	7.99	63.1	8.11	64.2	8.23
	16	51.8	8.00	55.5	8.10	58.5	8.22	59.7	8.28	60.7	8.34	62.1	8.47	63.2	8.60
	18	51.2	8.34	54.8	8.46	57.7	8.58	58.8	8.64	59.8	8.71	61.1	8.84	62.2	8.97
	20	50.7	8.70	54.1	8.82	56.9	8.94	58.0	9.01	58.9	9.08	60.1	9.21	61.3	9.36
	21	50.4	8.86	53.7	8.98	56.5	9.12	57.6	9.20	58.4	9.26	59.7	9.41	60.8	9.55
	23	49.8	9.21	53.1	9.33	55.7	9.47	56.7	9.55	57.5	9.63	58.7	9.79	59.9	9.94
	25	49.2	9.57	52.4	9.70	54.9	9.84	55.8	9.92	56.6	10.0	57.8	10.2	59.0	10.3
	27	48.6	9.95	51.7	10.1	54.1	10.2	55.0	10.3	55.7	10.4	56.8	10.6	58.1	10.8
	29	48.0	10.3	51.0	10.5	53.3	10.6	54.1	10.7	54.8	10.8	55.9	11.0	57.1	11.2
	31	47.3	10.8	50.3	10.9	52.5	11.1	53.3	11.2	53.9	11.2	55.0	11.4	56.2	11.6
	33	46.7	11.2	49.6	11.4	51.7	11.5	52.4	11.6	53.0	11.7	54.1	11.8	55.3	12.0
	35	46.1	11.6	48.8	11.8	50.8	12.0	51.5	12.0	52.1	12.1	53.2	12.3	54.4	12.5
	37	45.4	12.1	48.1	12.2	50.0	12.4	50.6	12.5	51.2	12.6	52.3	12.7	53.4	12.9
	39	44.7	12.5	47.4	12.7	49.1	12.8	49.7	12.9	50.3	13.0	51.4	13.2	52.5	13.3
100%	10	49.9	6.95	55.7	7.05	58.9	7.16	60.3	7.21	61.6	7.27	63.8	7.37	65.1	7.49
	12	49.8	7.27	55.0	7.38	58.2	7.49	59.6	7.55	60.8	7.60	62.8	7.72	64.1	7.84
	14	49.7	7.61	54.3	7.71	57.4	7.83	58.8	7.89	60.0	7.95	61.9	8.07	63.1	8.21
	16	49.6	7.94	53.6	8.06	56.7	8.18	58.0	8.24	59.1	8.30	60.9	8.44	62.1	8.58
	18	49.4	8.29	52.9	8.41	55.9	8.54	57.2	8.60	58.3	8.67	60.0	8.81	61.1	8.95
	20	48.8	8.65	52.3	8.76	55.2	8.89	56.4	8.96	57.5	9.03	59.1	9.19	60.1	9.34
	21	48.5	8.82	51.9	8.93	54.8	9.06	56.0	9.13	57.1	9.20	58.6	9.36	59.7	9.54
	23	48.0	9.16	51.3	9.27	54.1	9.41	55.2	9.48	56.2	9.56	57.7	9.72	58.8	9.90
	25	47.4	9.52	50.7	9.64	53.3	9.78	54.4	9.85	55.4	9.93	56.8	10.1	57.8	10.3
	27	46.8	9.90	50.0	10.0	52.6	10.2	53.7	10.2	54.6	10.3	55.8	10.5	56.9	10.7
	29	46.2	10.3	49.4	10.4	51.9	10.6	52.9	10.7	53.7	10.7	54.9	10.9	56.0	11.1
	31	45.7	10.7	48.7	10.9	51.1	11.0	52.1	11.1	52.9	11.2	54.0	11.4	55.1	11.5
	33	45.1	11.2	48.0	11.3	50.4	11.5	51.2	11.5	52.0	11.6	53.1	11.8	54.2	12.0
	35	44.5	11.6	47.4	11.7	49.6	11.9	50.4	12.0	51.1	12.1	52.1	12.3	53.2	12.5
	37	43.9	12.0	46.7	12.2	48.8	12.4	49.6	12.5	50.2	12.5	51.2	12.7	52.3	12.9
	39	43.2	12.4	46.0	12.6	48.0	12.8	48.7	12.9	49.3	13.0	50.3	13.2	51.4	13.4
90%	10	44.8	5.62	50.0	5.65	52.8	5.69	54.1	5.71	55.2	5.73	57.1	5.77	58.3	5.82
	12	44.7	5.88	49.3	5.92	52.2	5.96	53.4	5.98	54.5	6.01	56.3	6.06	57.5	6.11
	14	44.7	6.15	48.7	6.19	51.5	6.24	52.7	6.27	53.7	6.30	55.4	6.35	56.6	6.41
	16	44.7	6.42	48.2	6.48	50.9	6.53	52.0	6.56	53.0	6.59	54.7	6.65	55.8	6.72
	18	44.4	6.70	47.6	6.76	50.2	6.83	51.3	6.86	52.3	6.89	54.0	6.96	55.0	7.03
	20	43.9	6.99	47.0	7.06	49.6	7.13	50.7	7.17	51.6	7.20	53.1	7.28	54.1	7.35
	21	43.7	7.14	46.7	7.21	49.3	7.29	50.4	7.32	51.3	7.36	52.7	7.44	53.7	7.51
	23	43.2	7.44	46.2	7.52	48.6	7.60	49.7	7.64	50.6	7.68	51.9	7.76	52.9	7.84
	25	42.7	7.75	45.6	7.83	48.0	7.92	49.0	7.96	49.8	8.01	51.1	8.09	52.1	8.18
	27	42.1	8.07	45.0	8.16	47.4	8.25	48.3	8.29	49.1	8.34	50.3	8.43	51.2	8.52
	29	41.6	8.39	44.4	8.48	46.7	8.58	47.6	8.63	48.3	8.68	49.4	8.77	50.4	8.87
	31	41.1	8.72	43.9	8.82	46.0	8.92	46.9	8.97	47.6	9.02	48.6	9.12	49.6	9.23
	33	40.6	9.06	43.3	9.16	45.3	9.27	46.1	9.32	46.8	9.38	47.8	9.48	48.7	9.59
	35	40.1	9.40	42.7	9.51	44.7	9.62	45.4	9.68	45.9	9.74	46.9	9.85	47.9	9.96
	37	40.1	10.6	42.7	10.7	44.7	10.7	45.4	10.8	45.9	10.8	46.9	10.9	47.9	10.9
	39	40.1	11.6	42.7	11.7	44.7	11.8	45.4	11.8	45.9	11.8	46.9	11.9	47.9	11.9
80%	10	39.8	4.40	44.4	4.39	47.0	4.38	48.0	4.38	49.0	4.38	50.7	4.39	51.8	4.40
	12	39.8	4.62	43.9	4.61	46.4	4.62	47.4	4.62	48.4	4.62	49.9	4.63	51.1	4.65
	14	39.8	4.84	43.3	4.85	45.8	4.86	46.8	4.87	47.7	4.87	49.3	4.89	50.3	4.90
	16	39.7	5.07	42.8	5.09	45.2	5.11	46.2	5.12	47.1	5.12	48.6	5.14	49.6	5.16
	18	39.5	5.31	42.3	5.34	44.6	5.36	45.6	5.37	46.5	5.38	48.0	5.40	48.9	5.43
	20	39.1	5.56	41.8	5.59	44.1	5.62	45.1	5.63	45.9	5.65	47.2	5.67	48.1	5.70
	21	38.8	5.68	41.6	5.72	43.8	5.75	44.8	5.77	45.6	5.78	46.9	5.81	47.7	5.84
	23	38.4	5.93	41.1	5.98	43.2	6.02	44.2	6.04	45.0	6.05	46.1	6.09	47.0	6.12
	25	37.9	6.20	40.6	6.24	42.7	6.29	43.6	6.31	44.3	6.33	45.4	6.37	46.3	6.41
	27	37.5	6.46	40.1	6.52	42.1	6.57	42.9	6.59	43.6	6.62	44.7	6.66	45.5	6.70
	29	37.1	6.74	39.6	6.80	41.5	6.85	42.3	6.88	43.0	6.91	43.9	6.96	44.8	7.00
	31	36.7	7.02	39.1	7.08	40.9	7.14	41.7	7.17	42.3	7.20	43.2	7.26	44.1	7.31
	33	36.2	7.31	38.6	7.37	40.3	7.44	41.0	7.47	41.6	7.50	42.5	7.57	43.3	7.62
	35	35.8	7.60	38.1	7.67	39.7	7.74	40.3	7.78	40.8	7.81	41.7	7.88	42.6	7.95
	37	35.8	8.64	38.1	8.67	39.7	8.68	40.3	8.69	40.8	8.69	41.7	8.70	42.6	8.70
	39	35.8	9.49	38.1	9.52	39.7	9.53	40.3	9.54	40.8	9.54	41.7	9.54	42.6	9.53

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	34.9	3.34	38.8	3.30	41.0	3.26	42.0	3.24	42.8	3.23	44.3	3.21	45.3	3.19
	12	34.8	3.52	38.4	3.49	40.5	3.46	41.4	3.44	42.3	3.43	43.7	3.41	44.7	3.39
	14	34.8	3.71	37.9	3.68	40.0	3.66	40.9	3.65	41.8	3.64	43.1	3.62	44.0	3.60
	16	34.8	3.90	37.5	3.88	39.5	3.86	40.4	3.86	41.2	3.85	42.5	3.83	43.4	3.81
	18	34.6	4.10	37.0	4.09	39.1	4.08	39.9	4.07	40.7	4.06	42.0	4.05	42.7	4.03
	20	34.2	4.30	36.6	4.30	38.6	4.29	39.4	4.29	40.2	4.28	41.3	4.27	42.1	4.26
	21	34.0	4.41	36.4	4.41	38.3	4.40	39.2	4.40	39.9	4.40	41.0	4.39	41.8	4.37
	23	33.6	4.62	35.9	4.63	37.8	4.63	38.6	4.63	39.3	4.63	40.4	4.62	41.1	4.61
	25	33.2	4.84	35.5	4.85	37.3	4.86	38.1	4.86	38.8	4.86	39.7	4.86	40.5	4.85
	27	32.8	5.06	35.1	5.08	36.8	5.09	37.6	5.10	38.2	5.10	39.1	5.10	39.8	5.10
	29	32.5	5.29	34.6	5.31	36.3	5.33	37.0	5.34	37.6	5.35	38.4	5.36	39.2	5.36
	31	32.1	5.53	34.2	5.56	35.8	5.58	36.4	5.59	37.0	5.60	37.8	5.61	38.6	5.62
	33	31.7	5.77	33.8	5.80	35.3	5.83	35.9	5.84	36.4	5.86	37.2	5.88	37.9	5.89
	35	31.4	6.02	33.3	6.05	34.8	6.09	35.3	6.10	35.7	6.12	36.5	6.14	37.3	6.17
	37	31.4	6.84	33.3	6.82	34.8	6.80	35.3	6.79	35.7	6.77	36.5	6.74	37.3	6.71
	39	31.4	7.51	33.3	7.50	34.8	7.48	35.3	7.47	35.7	7.45	36.5	7.41	37.3	7.36
60%	10	29.8	2.46	33.2	2.38	35.1	2.32	35.9	2.29	36.7	2.27	38.0	2.22	38.9	2.19
	12	29.8	2.60	32.8	2.54	34.7	2.48	35.5	2.45	36.2	2.43	37.5	2.38	38.3	2.34
	14	29.8	2.75	32.4	2.69	34.3	2.64	35.1	2.61	35.8	2.59	37.0	2.54	37.7	2.50
	16	29.8	2.91	32.1	2.85	33.9	2.81	34.7	2.78	35.3	2.76	36.5	2.71	37.2	2.67
	18	29.6	3.07	31.7	3.02	33.5	2.98	34.2	2.96	34.9	2.93	36.0	2.89	36.6	2.84
	20	29.3	3.23	31.3	3.19	33.1	3.16	33.8	3.14	34.4	3.11	35.4	3.07	36.1	3.03
	21	29.1	3.32	31.2	3.28	32.9	3.25	33.6	3.23	34.2	3.21	35.1	3.16	35.8	3.12
	23	28.8	3.49	30.8	3.46	32.4	3.43	33.1	3.41	33.7	3.40	34.6	3.36	35.3	3.31
	25	28.4	3.68	30.4	3.65	32.0	3.62	32.7	3.61	33.2	3.59	34.1	3.55	34.7	3.51
	27	28.1	3.86	30.0	3.84	31.6	3.82	32.2	3.81	32.7	3.79	33.5	3.76	34.2	3.72
	29	27.8	4.06	29.6	4.04	31.1	4.02	31.7	4.01	32.2	4.00	33.0	3.97	33.6	3.94
	31	27.5	4.26	29.3	4.24	30.7	4.23	31.2	4.22	31.7	4.21	32.4	4.19	33.1	4.16
	33	27.2	4.46	28.9	4.45	30.2	4.44	30.7	4.43	31.2	4.43	31.8	4.41	32.5	4.39
	35	26.8	4.67	28.5	4.66	29.8	4.66	30.2	4.65	30.6	4.65	31.3	4.64	31.9	4.63
	37	26.8	5.38	28.5	5.34	29.8	5.29	30.2	5.27	30.6	5.25	31.3	5.20	31.9	5.15
	39	26.8	5.94	28.5	5.90	29.8	5.86	30.2	5.84	30.6	5.81	31.3	5.75	31.9	5.68
50%	10	24.9	1.99	27.6	1.97	29.2	1.95	29.9	1.94	30.5	1.93	31.6	1.91	32.4	1.88
	12	24.8	2.02	27.3	2.00	28.9	1.97	29.6	1.96	30.2	1.94	31.2	1.91	31.9	1.88
	14	24.8	2.08	27.0	2.04	28.6	2.01	29.2	1.99	29.8	1.97	30.8	1.93	31.5	1.89
	16	24.8	2.15	26.7	2.11	28.2	2.07	28.9	2.04	29.5	2.02	30.4	1.98	31.0	1.93
	18	24.7	2.23	26.4	2.19	27.9	2.14	28.5	2.12	29.1	2.09	30.0	2.04	30.5	1.99
	20	24.4	2.33	26.1	2.28	27.6	2.23	28.2	2.21	28.7	2.18	29.5	2.13	30.1	2.08
	21	24.3	2.39	26.0	2.34	27.4	2.29	28.0	2.26	28.5	2.23	29.3	2.18	29.8	2.13
	23	24.0	2.52	25.7	2.46	27.0	2.41	27.6	2.38	28.1	2.35	28.8	2.30	29.4	2.24
	25	23.7	2.66	25.3	2.60	26.7	2.55	27.2	2.52	27.7	2.49	28.4	2.44	28.9	2.38
	27	23.4	2.81	25.0	2.76	26.3	2.70	26.8	2.68	27.3	2.65	27.9	2.59	28.5	2.54
	29	23.1	2.99	24.7	2.93	25.9	2.88	26.4	2.85	26.9	2.83	27.5	2.77	28.0	2.72
	31	22.8	3.18	24.4	3.12	25.6	3.08	26.0	3.05	26.4	3.02	27.0	2.97	27.5	2.92
	33	22.5	3.38	24.0	3.33	25.2	3.29	25.6	3.26	26.0	3.24	26.5	3.19	27.1	3.15
	35	22.2	3.60	23.7	3.56	24.8	3.52	25.2	3.50	25.5	3.48	26.1	3.44	26.6	3.40
	37	22.2	4.14	23.7	4.09	24.8	4.03	25.2	4.01	25.5	3.98	26.1	3.94	26.6	3.89
	39	22.2	4.62	23.7	4.57	24.8	4.52	25.2	4.49	25.5	4.46	26.1	4.40	26.6	4.34
40%	10	19.9	1.85	21.9	1.83	23.0	1.82	23.6	1.81	24.1	1.80	25.0	1.79	25.7	1.78
	12	19.9	1.88	21.7	1.86	22.8	1.84	23.3	1.83	23.8	1.82	24.7	1.80	25.3	1.78
	14	19.8	1.93	21.4	1.90	22.5	1.88	23.0	1.86	23.5	1.85	24.3	1.82	25.0	1.79
	16	19.8	2.00	21.2	1.96	22.3	1.93	22.8	1.91	23.2	1.90	24.0	1.86	24.6	1.83
	18	19.7	2.08	20.9	2.04	22.0	2.00	22.5	1.98	22.9	1.96	23.6	1.92	24.2	1.88
	20	19.4	2.17	20.7	2.13	21.8	2.09	22.2	2.06	22.6	2.04	23.3	2.00	23.8	1.96
	21	19.3	2.22	20.6	2.18	21.6	2.13	22.1	2.11	22.5	2.09	23.1	2.05	23.7	2.00
	23	19.1	2.34	20.3	2.29	21.4	2.24	21.8	2.22	22.2	2.20	22.8	2.15	23.3	2.10
	25	18.9	2.46	20.1	2.42	21.1	2.37	21.5	2.35	21.9	2.32	22.5	2.28	22.9	2.23
	27	18.6	2.61	19.9	2.56	20.9	2.51	21.3	2.49	21.6	2.47	22.1	2.42	22.6	2.37
	29	18.4	2.76	19.6	2.72	20.6	2.67	21.0	2.65	21.3	2.63	21.8	2.58	22.2	2.53
	31	18.2	2.94	19.4	2.89	20.3	2.85	20.7	2.83	21.0	2.80	21.5	2.76	21.9	2.72
	33	17.9	3.12	19.2	3.08	20.1	3.04	20.4	3.02	20.7	3.00	21.2	2.96	21.5	2.92
	35	17.7	3.34	18.9	3.30	19.8	3.25	20.2	3.23	20.4	3.20	20.8	3.15	21.2	3.10
	37	17.7	3.71	18.9	3.66	19.8	3.60	20.2	3.58	20.4	3.55	20.8	3.51	21.2	3.46
	39	17.7	4.10	18.9	4.05	19.8	3.99	20.2	3.97	20.4	3.94	20.8	3.89	21.2	3.83
30%	10	16.0	1.68	16.9	1.66	17.9	1.65	18.4	1.65	19.0	1.65	20.2	1.65	21.5	1.65
	12	15.8	1.71	16.7	1.69	17.6	1.67	18.2	1.67	18.7	1.66	19.9	1.65	21.2	1.65
	14	15.5	1.76	16.4	1.73	17.4	1.71	17.9	1.70	18.5	1.69	19.7	1.67	20.9	1.66
	16	15.3	1.81	16.2	1.78	17.2	1.76	17.7	1.75	18.2	1.73	19.4	1.71	20.6	1.69
	18	15.0	1.89	15.9	1.85	16.9	1.82	17.4	1.81	18.0	1.79	19.1	1.76	20.3	1.74
	20	14.8	1.97	15.7	1.93	16.6	1.90	17.2	1.88	17.7	1.87	18.8	1.83	20.0	1.80
	21	14.6	2.01	15.5	1.98	16.5	1.94	17.0	1.93	17.6	1.91	18.6	1.87	19.8	1.84
	23	14.4	2.12	15.3	2.08	16.3	2.04	16.8	2.02	17.3	2.00	18.4	1.97	19.5	1.93
	25	14.1	2.23	15.0	2.19	16.0	2.15	16.5	2.13	17.0	2.11	18.1	2.07	19.2	2.04
	27	13.8	2.36	14.8	2.31	15.7	2.28	16.2	2.26	16.7	2.24	17.8	2.20	18.8	2.16
	29	13.6	2.49	14.5	2.45	15.5	2.42	16.0	2.40	16.4	2.38	17.5	2.34	18.5	2.30
	31	13.3	2.64	14.2	2.60	15.2	2.57	15.7	2.55	16.2	2.53	17.2	2.50	18.2	2.46
	33	13.0	2.81	14.0	2.77	14.9	2.74	15.4	2.72	15.9	2.70	16.9	2.67	17.8	2.64
	35	12.8	3.01	13.7	2.96	14.6	2.92	15.1	2.90	15.6	2.88	16.5	2.84	17.5	2.79
	37	12.8	3.36	13.7	3.31	14.6	3.26	15.1	3.23	15.6	3.21	16.5	3.15	17.5	3.10
	39	12.8	3.72	13.7	3.66	14.6	3.61	15.1	3.58	15.6	3.56	16.5	3.51	17.5	3.45

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ20AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	63.6	8.12	67.8	8.22	71.1	8.33	72.2	8.39	73.0	8.44	74.5	8.56	76.0	8.67
	12	62.9	8.50	67.0	8.61	70.0	8.72	71.1	8.78	71.8	8.84	73.4	8.96	74.9	9.08
	14	62.1	8.90	66.1	9.01	69.0	9.12	69.9	9.18	70.7	9.24	72.2	9.37	73.7	9.49
	16	61.4	9.30	65.3	9.42	68.0	9.53	68.8	9.59	69.6	9.66	71.1	9.78	72.6	9.91
	18	60.6	9.72	64.4	9.83	66.9	9.95	67.7	10.0	68.5	10.1	70.0	10.2	71.5	10.3
	20	59.9	10.1	63.5	10.3	65.9	10.4	66.7	10.4	67.5	10.5	69.0	10.6	70.5	10.8
	21	59.5	10.3	63.1	10.5	65.4	10.6	66.2	10.7	66.9	10.7	68.4	10.9	69.9	11.0
	23	58.7	10.7	62.2	10.9	64.3	11.0	65.1	11.1	65.9	11.2	67.4	11.3	68.9	11.4
	25	58.0	11.1	61.3	11.3	63.3	11.5	64.1	11.5	64.9	11.6	66.4	11.7	67.9	11.9
	27	57.2	11.6	60.4	11.7	62.3	11.9	63.1	12.0	63.9	12.1	65.3	12.2	66.9	12.3
	29	56.4	12.0	59.5	12.2	61.3	12.4	62.1	12.5	62.9	12.5	64.3	12.7	65.9	12.8
	31	55.6	12.5	58.6	12.7	60.4	12.9	61.1	12.9	61.9	13.0	63.3	13.1	64.9	13.3
	33	54.8	13.0	57.6	13.2	59.4	13.3	60.1	13.4	60.9	13.5	62.4	13.6	63.8	13.8
	35	54.0	13.6	56.7	13.7	58.4	13.8	59.2	13.9	59.9	14.0	61.4	14.1	62.8	14.2
	37	53.2	14.1	55.7	14.2	57.4	14.3	58.2	14.4	59.0	14.5	60.4	14.6	61.8	14.7
	39	52.3	14.6	54.8	14.7	56.4	14.8	57.3	14.9	58.0	15.0	59.4	15.1	60.7	15.2
120%	10	61.6	8.08	66.0	8.19	69.5	8.30	70.9	8.36	72.0	8.42	73.4	8.53	74.8	8.65
	12	60.8	8.47	65.1	8.58	68.5	8.69	69.8	8.75	70.8	8.82	72.3	8.94	73.6	9.07
	14	60.1	8.86	64.3	8.98	67.5	9.10	68.7	9.16	69.7	9.22	71.1	9.35	72.5	9.49
	16	59.4	9.26	63.4	9.38	66.6	9.51	67.7	9.57	68.6	9.64	70.0	9.77	71.4	9.91
	18	58.8	9.67	62.6	9.80	65.6	9.93	66.7	9.99	67.5	10.1	68.9	10.2	70.3	10.3
	20	58.1	10.1	61.8	10.2	64.6	10.4	65.6	10.4	66.4	10.5	67.8	10.6	69.2	10.8
	21	57.7	10.3	61.4	10.4	64.2	10.6	65.1	10.6	65.9	10.7	67.3	10.9	68.7	11.0
	23	57.0	10.7	60.6	10.8	63.2	11.0	64.1	11.1	64.8	11.2	66.3	11.3	67.7	11.5
	25	56.3	11.1	59.8	11.2	62.3	11.4	63.1	11.5	63.8	11.6	65.2	11.8	66.7	11.9
	27	55.6	11.5	58.9	11.7	61.3	11.9	62.1	12.0	62.8	12.1	64.2	12.2	65.6	12.4
	29	54.9	12.0	58.1	12.2	60.3	12.3	61.1	12.4	61.8	12.5	63.2	12.7	64.6	12.9
	31	54.2	12.5	57.2	12.7	59.4	12.8	60.1	12.9	60.8	13.0	62.2	13.2	63.6	13.3
	33	53.4	13.0	56.4	13.2	58.4	13.3	59.1	13.4	59.8	13.5	61.2	13.6	62.6	13.8
	35	52.6	13.5	55.6	13.7	57.4	13.8	58.2	13.9	58.9	14.0	60.2	14.1	61.6	14.3
	37	51.8	14.0	54.7	14.1	56.5	14.3	57.2	14.4	57.9	14.5	59.2	14.6	60.5	14.8
	39	51.1	14.5	53.9	14.7	55.5	14.8	56.2	14.9	56.9	15.0	58.2	15.1	59.5	15.3
110%	10	59.6	8.05	64.0	8.16	67.5	8.27	69.1	8.33	70.4	8.39	72.3	8.51	73.5	8.64
	12	58.8	8.43	63.1	8.55	66.6	8.67	68.1	8.73	69.4	8.79	71.1	8.92	72.4	9.05
	14	58.1	8.82	62.3	8.94	65.8	9.07	67.2	9.14	68.3	9.20	70.0	9.34	71.2	9.48
	16	57.5	9.22	61.5	9.35	64.9	9.48	66.2	9.55	67.3	9.62	68.9	9.76	70.1	9.91
	18	56.8	9.63	60.7	9.76	64.0	9.90	65.3	9.97	66.3	10.0	67.8	10.2	69.0	10.3
	20	56.2	10.0	60.0	10.2	63.1	10.3	64.3	10.4	65.3	10.5	66.7	10.6	68.0	10.8
	21	55.9	10.2	59.6	10.4	62.7	10.5	63.8	10.6	64.8	10.7	66.2	10.9	67.5	11.0
	23	55.2	10.6	58.9	10.8	61.8	10.9	62.9	11.0	63.8	11.1	65.1	11.3	66.4	11.5
	25	54.5	11.0	58.1	11.2	60.9	11.4	61.9	11.5	62.8	11.6	64.1	11.8	65.4	11.9
	27	53.9	11.5	57.3	11.6	60.0	11.8	61.0	11.9	61.8	12.0	63.0	12.2	64.4	12.4
	29	53.2	11.9	56.6	12.1	59.1	12.3	60.0	12.4	60.8	12.5	62.0	12.7	63.4	12.9
	31	52.5	12.4	55.8	12.6	58.2	12.8	59.1	12.9	59.8	13.0	61.0	13.2	62.4	13.4
	33	51.8	12.9	55.0	13.1	57.3	13.3	58.1	13.4	58.8	13.5	60.0	13.7	61.3	13.9
	35	51.1	13.4	54.2	13.6	56.4	13.8	57.1	13.9	57.8	14.0	59.0	14.2	60.3	14.4
	37	50.4	13.9	53.4	14.1	55.4	14.3	56.1	14.4	56.8	14.5	58.0	14.7	59.3	14.9
	39	49.6	14.4	52.6	14.6	54.5	14.8	55.2	14.9	55.8	15.0	57.0	15.2	58.2	15.4
100%	10	55.4	7.99	61.8	8.11	65.4	8.23	67.0	8.29	68.4	8.35	70.7	8.48	72.2	8.61
	12	55.3	8.37	61.0	8.50	64.6	8.62	66.1	8.69	67.5	8.75	69.7	8.89	71.1	9.03
	14	55.2	8.76	60.2	8.89	63.7	9.03	65.2	9.09	66.5	9.16	68.6	9.31	70.0	9.46
	16	55.1	9.16	59.5	9.30	62.9	9.44	64.3	9.51	65.6	9.58	67.6	9.73	68.9	9.89
	18	54.8	9.57	58.7	9.71	62.1	9.85	63.5	9.93	64.7	10.0	66.6	10.2	67.8	10.3
	20	54.1	9.99	58.0	10.1	61.2	10.3	62.6	10.3	63.8	10.4	65.5	10.6	66.7	10.8
	21	53.8	10.2	57.6	10.3	60.8	10.5	62.2	10.5	63.3	10.6	65.0	10.8	66.2	11.0
	23	53.2	10.6	56.9	10.7	60.0	10.9	61.3	11.0	62.4	11.0	64.0	11.2	65.2	11.4
	25	52.6	11.0	56.2	11.1	59.2	11.3	60.4	11.4	61.4	11.5	62.9	11.7	64.2	11.9
	27	51.9	11.4	55.5	11.6	58.4	11.7	59.5	11.8	60.5	11.9	61.9	12.1	63.1	12.3
	29	51.3	11.9	54.8	12.0	57.5	12.2	58.6	12.3	59.6	12.4	60.9	12.6	62.1	12.8
	31	50.6	12.4	54.0	12.5	56.7	12.7	57.7	12.8	58.6	12.9	59.9	13.1	61.1	13.3
	33	50.0	12.9	53.3	13.0	55.8	13.2	56.8	13.3	57.6	13.4	58.9	13.6	60.1	13.9
	35	49.3	13.4	52.5	13.6	55.0	13.8	55.9	13.9	56.6	14.0	57.8	14.2	59.1	14.4
	37	48.6	13.8	51.7	14.1	54.1	14.3	55.0	14.4	55.7	14.5	56.8	14.7	58.0	14.9
	39	47.9	14.3	51.0	14.6	53.3	14.8	54.1	14.9	54.7	15.0	55.8	15.2	57.0	15.4
90%	10	49.7	6.43	55.4	6.47	58.6	6.51	60.0	6.53	61.2	6.56	63.3	6.61	64.7	6.66
	12	49.6	6.74	54.7	6.79	57.9	6.84	59.2	6.86	60.4	6.89	62.4	6.95	63.7	7.01
	14	49.6	7.06	54.1	7.11	57.2	7.17	58.5	7.20	59.6	7.23	61.5	7.29	62.8	7.36
	16	49.5	7.39	53.4	7.45	56.4	7.51	57.7	7.54	58.8	7.58	60.7	7.65	61.9	7.72
	18	49.3	7.72	52.8	7.79	55.7	7.86	56.9	7.89	58.0	7.93	59.9	8.01	61.0	8.08
	20	48.7	8.06	52.1	8.13	55.0	8.21	56.2	8.25	57.3	8.29	58.9	8.37	60.0	8.45
	21	48.4	8.23	51.8	8.31	54.7	8.39	55.8	8.43	56.9	8.47	58.5	8.56	59.6	8.64
	23	47.9	8.58	51.2	8.67	54.0	8.75	55.1	8.80	56.1	8.84	57.6	8.93	58.7	9.02
	25	47.3	8.94	50.6	9.03	53.2	9.13	54.3	9.17	55.3	9.22	56.6	9.32	57.7	9.41
	27	46.7	9.30	49.9	9.40	52.5	9.50	53.6	9.55	54.5	9.61	55.7	9.71	56.8	9.81
	29	46.2	9.67	49.3	9.78	51.8	9.89	52.8	9.94	53.6	10.0	54.8	10.1	55.9	10.2
	31	45.6	10.1	48.7	10.2	51.0	10.3	52.0	10.3	52.8	10.4	53.9	10.5	55.0	10.6
	33	45.1	10.4	48.0	10.6	50.3	10.7	51.2	10.7	51.9	10.8	53.0	10.9	54.1	11.0
	35	44.5	10.8	47.4	11.0	49.5	11.1	50.3	11.1	50.9	11.2	52.0	11.3	53.1	11.5
	37	44.5	12.2	47.4	12.3	49.5	12.3	50.3	12.4	50.9	12.4	52.0	12.5	53.1	12.5
	39	44.5	13.4	47.4	13.5	49.5	13.5	50.3	13.6	50.9	13.6	52.0	13.7	53.1	13.7
80%	10	44.2	5.01	49.3	5.00	52.1	4.99	53.3	4.99	54.4	4.99	56.2	4.99	57.5	5.00
	12	44.2	5.27	48.7	5.27	51.4	5.27	52.6	5.27	53.7	5.28	55.4	5.28	56.6	5.30
	14	44.1	5.54	48.1	5.55	50.8	5.56	51.9	5.56	52.9	5.57	54.7	5.58	55.8	5.60
	16	44.1	5.82	47.5	5.83	50.1	5.85	51.3	5.86	52.3	5.87	53.9	5.88	55.0	5.90
	18	43.8	6.10	46.9	6.12	49.5	6.15	50.6	6.16	51.6	6.17	53.2	6.19	54.2	6.21
	20	43.3	6.38	46.4	6.42	48.9	6.45	50.0	6.46	50.9	6.48	52.4	6.51	53.4	6.53
	21	43.1	6.53	46.1	6.57	48.6	6.60	49.6	6.62	50.6	6.64	52.0	6.66	53.0	6.69
	23	42.6	6.83	45.5	6.87	48.0	6.91	49.0	6.93	49.9	6.95	51.2	6.99	52.1	7.02
	25	42.1	7.13	45.0	7.18	47.3	7.23	48.3	7.25	49.1	7.28	50.4	7.32	51.3	7.35
	27	41.6	7.44	44.4	7.50	46.7	7.56	47.6	7.58	48.4	7.61	49.5	7.65	50.5	7.70
	29	41.1	7.76	43.9	7.82	46.0	7.88	46.9	7.91	47.7	7.94	48.7	7.99	49.7	8.04
	31	40.7	8.08	43.3	8.15	45.4	8.22	46.2	8.25	46.9	8.28	47.9	8.34	48.9	8.40
	33	40.2	8.41	42.8	8.49	44.7	8.56	45.5	8.59	46.1	8.63	47.1	8.69	48.1	8.76
	35	39.8	8.75	42.2	8.83	44.1	8.90	44.7	8.94	45.3	8.98	46.3	9.05	47.2	9.13
	37	39.8	9.89	42.2	9.92	44.1	9.95	44.7	9.96	45.3	9.96	46.3	9.97	47.2	9.97
	39	39.8	10.9	42.2	10.9	44.1	10.9	44.7	10.9	45.3	10.9	46.3	10.9	47.2	10.9
70%	10	38.7	3.79	43.1	3.73	45.5	3.69	46.6	3.67	47.5	3.65	49.1	3.62	50.3	3.59
	12	38.6	4.01	42.6	3.96	45.0	3.92	46.0	3.90	46.9	3.89	48.5	3.86	49.6	3.83
	14	38.6	4.23	42.1	4.19	44.4	4.16	45.4	4.15	46.3	4.13	47.8	4.10	48.8	4.08
	16	38.6	4.46	41.5	4.43	43.8	4.41	44.8	4.39	45.7	4.38	47.2	4.35	48.1	4.33
	18	38.4	4.69	41.1	4.67	43.3	4.65	44.3	4.65	45.1	4.63	46.6	4.61	47.4	4.59
	20	37.9	4.93	40.6	4.92	42.8	4.91	43.7	4.90	44.5	4.90	45.8	4.88	46.7	4.85
	21	37.7	5.05	40.3	5.05	42.5	5.04	43.4	5.03	44.2	5.03	45.5	5.01	46.3	4.99
	23	37.3	5.30	39.8	5.30	42.0	5.30	42.9	5.30	43.6	5.30	44.8	5.28	45.6	5.27
	25	36.8	5.56	39.4	5.57	41.4	5.57	42.3	5.57	43.0	5.57	44.1	5.56	44.9	5.55
	27	36.4	5.82	38.9	5.83	40.8	5.84	41.7	5.85	42.4	5.85	43.4	5.85	44.2	5.84
	29	36.0	6.09	38.4	6.10	40.3	6.12	41.1	6.13	41.7	6.13	42.6	6.14	43.5	6.14
	31	35.6	6.36	37.9	6.38	39.7	6.41	40.4	6.41	41.0	6.42	41.9	6.43	42.8	6.44
	33	35.2	6.64	37.5	6.67	39.1	6.69	39.8	6.71	40.3	6.72	41.2	6.74	42.1	6.75
	35	34.8	6.92	37.0	6.95	38.6	6.99	39.1	7.00	39.6	7.02	40.5	7.05	41.3	7.07
	37	34.8	7.81	37.0	7.80	38.6	7.78	39.1	7.76	39.6	7.75	40.5	7.71	41.3	7.67
	39	34.8	8.59	37.0	8.58	38.6	8.55	39.1	8.54	39.6	8.52	40.5	8.47	41.3	8.42
60%	10	33.1	2.76	36.8	2.68	38.9	2.60	39.8	2.56	40.7	2.53	42.1	2.47	43.1	2.42
	12	33.0	2.94	36.4	2.86	38.5	2.79	39.4	2.75	40.2	2.72	41.5	2.66	42.5	2.61
	14	33.0	3.12	36.0	3.05	38.0	2.98	38.9	2.95	39.7	2.92	41.0	2.86	41.9	2.80
	16	33.0	3.30	35.6	3.24	37.6	3.18	38.4	3.15	39.2	3.12	40.4	3.06	41.3	3.00
	18	32.9	3.50	35.2	3.44	37.1	3.38	38.0	3.36	38.7	3.33	39.9	3.27	40.6	3.21
	20	32.5	3.69	34.8	3.64	36.7	3.59	37.5	3.57	38.2	3.54	39.3	3.49	40.0	3.43
	21	32.3	3.79	34.6	3.75	36.4	3.70	37.2	3.68	37.9	3.65	39.0	3.60	39.7	3.54
	23	31.9	4.00	34.1	3.96	36.0	3.92	36.7	3.90	37.4	3.87	38.4	3.82	39.1	3.77
	25	31.5	4.21	33.7	4.18	35.5	4.14	36.2	4.12	36.9	4.10	37.8	4.05	38.5	4.00
	27	31.2	4.43	33.3	4.40	35.0	4.37	35.7	4.35	36.3	4.33	37.2	4.29	37.9	4.25
	29	30.8	4.65	32.9	4.63	34.5	4.60	35.2	4.59	35.7	4.57	36.5	4.54	37.3	4.50
	31	30.5	4.88	32.5	4.86	34.0	4.84	34.6	4.83	35.2	4.82	35.9	4.79	36.7	4.76
	33	30.1	5.12	32.1	5.10	33.5	5.09	34.1	5.08	34.6	5.07	35.3	5.05	36.0	5.02
	35	29.8	5.36	31.7	5.34	33.0	5.34	33.5	5.33	34.0	5.32	34.7	5.31	35.4	5.30
	37	29.8	6.12	31.7	6.08	33.0	6.03	33.5	6.00	34.0	5.98	34.7	5.92	35.4	5.86
	39	29.8	6.77	31.7	6.73	33.0	6.68	33.5	6.65	34.0	6.62	34.7	6.55	35.4	6.47
50%	10	27.6	2.26	30.6	2.24	32.4	2.22	33.2	2.20	33.9	2.19	35.1	2.15	35.9	2.11
	12	27.6	2.30	30.3	2.27	32.0	2.24	32.8	2.22	33.5	2.20	34.6	2.15	35.4	2.11
	14	27.5	2.36	30.0	2.32	31.7	2.28	32.4	2.26	33.1	2.23	34.2	2.18	34.9	2.13
	16	27.5	2.44	29.6	2.39	31.3	2.34	32.0	2.32	32.7	2.29	33.7	2.23	34.4	2.17
	18	27.4	2.54	29.3	2.48	30.9	2.43	31.6	2.40	32.2	2.37	33.3	2.31	33.9	2.24
	20	27.1	2.65	29.0	2.59	30.6	2.53	31.2	2.50	31.8	2.47	32.7	2.41	33.4	2.34
	21	26.9	2.72	28.8	2.66	30.4	2.60	31.0	2.56	31.6	2.53	32.5	2.47	33.1	2.40
	23	26.6	2.86	28.5	2.80	30.0	2.73	30.6	2.70	31.2	2.67	32.0	2.60	32.6	2.53
	25	26.3	3.03	28.1	2.96	29.6	2.90	30.2	2.86	30.7	2.83	31.5	2.76	32.1	2.69
	27	26.0	3.21	27.7	3.14	29.2	3.08	29.8	3.05	30.3	3.01	31.0	2.95	31.6	2.88
	29	25.6	3.41	27.4	3.35	28.8	3.28	29.3	3.25	29.8	3.22	30.5	3.16	31.1	3.09
	31	25.3	3.63	27.0	3.57	28.3	3.51	28.9	3.48	29.3	3.45	29.9	3.39	30.5	3.33
	33	25.0	3.87	26.6	3.81	27.9	3.76	28.4	3.73	28.8	3.70	29.4	3.65	30.0	3.59
	35	24.7	4.13	26.3	4.07	27.5	4.03	28.0	4.00	28.3	3.98	28.9	3.93	29.5	3.88
	37	24.7	4.72	26.3	4.65	27.5	4.59	28.0	4.57	28.3	4.54	28.9	4.48	29.5	4.43
	39	24.7	5.26	26.3	5.20	27.5	5.14	28.0	5.11	28.3	5.08	28.9	5.01	29.5	4.94
40%	10	22.1	2.06	24.3	2.04	25.5	2.02	26.1	2.01	26.6	2.00	27.7	1.98	28.5	1.96
	12	22.0	2.10	24.0	2.07	25.2	2.05	25.8	2.03	26.3	2.02	27.3	1.99	28.1	1.96
	14	22.0	2.16	23.7	2.12	24.9	2.09	25.5	2.07	26.0	2.05	26.9	2.01	27.7	1.98
	16	22.0	2.23	23.5	2.19	24.7	2.14	25.2	2.12	25.7	2.10	26.6	2.06	27.2	2.01
	18	21.8	2.32	23.2	2.27	24.4	2.22	24.9	2.20	25.4	2.17	26.2	2.13	26.8	2.08
	20	21.6	2.42	22.9	2.37	24.1	2.32	24.6	2.29	25.1	2.27	25.8	2.21	26.4	2.16
	21	21.4	2.48	22.8	2.43	24.0	2.37	24.5	2.35	24.9	2.32	25.6	2.27	26.2	2.21
	23	21.2	2.61	22.5	2.55	23.7	2.50	24.2	2.47	24.6	2.44	25.3	2.39	25.8	2.33
	25	20.9	2.75	22.3	2.70	23.4	2.64	23.9	2.61	24.3	2.59	24.9	2.53	25.4	2.47
	27	20.6	2.92	22.0	2.86	23.1	2.80	23.6	2.78	24.0	2.75	24.5	2.69	25.0	2.64
	29	20.4	3.09	21.8	3.04	22.8	2.99	23.3	2.96	23.6	2.93	24.2	2.88	24.6	2.82
	31	20.1	3.29	21.5	3.23	22.6	3.19	23.0	3.16	23.3	3.13	23.8	3.08	24.3	3.03
	33	19.9	3.50	21.2	3.45	22.3	3.40	22.7	3.38	23.0	3.36	23.5	3.31	23.9	3.26
	35	19.6	3.75	21.0	3.70	22.0	3.65	22.4	3.62	22.6	3.59	23.1	3.54	23.5	3.48
	37	19.6	4.16	21.0	4.10	22.0	4.04	22.4	4.01	22.6	3.99	23.1	3.93	23.5	3.87
	39	19.6	4.60	21.0	4.55	22.0	4.49	22.4	4.46	22.6	4.42	23.1	4.36	23.5	4.30
30%	10	17.8	1.83	18.7	1.81	19.8	1.80	20.4	1.79	21.0	1.79	22.4	1.78	23.9	1.78
	12	17.5	1.86	18.5	1.84	19.6	1.82	20.1	1.81	20.8	1.80	22.1	1.79	23.5	1.77
	14	17.2	1.91	18.2	1.88	19.3	1.86	19.9	1.85	20.5	1.83	21.8	1.81	23.2	1.79
	16	16.9	1.98	17.9	1.94	19.0	1.91	19.6	1.90	20.2	1.88	21.5	1.85	22.8	1.82
	18	16.7	2.06	17.6	2.02	18.7	1.98	19.3	1.96	19.9	1.94	21.1	1.91	22.5	1.87
	20	16.4	2.15	17.4	2.11	18.4	2.07	19.0	2.05	19.6	2.03	20.8	1.99	22.1	1.95
	21	16.2	2.20	17.2	2.15	18.3	2.11	18.9	2.09	19.4	2.07	20.7	2.03	22.0	1.99
	23	15.9	2.31	16.9	2.26	18.0	2.22	18.6	2.20	19.1	2.18	20.3	2.13	21.6	2.09
	25	15.6	2.44	16.7	2.39	17.7	2.35	18.3	2.32	18.8	2.30	20.0	2.26	21.2	2.21
	27	15.4	2.57	16.4	2.53	17.4	2.49	18.0	2.46	18.5	2.44	19.7	2.39	20.9	2.35
	29	15.1	2.73	16.1	2.68	17.1	2.64	17.7	2.62	18.2	2.60	19.4	2.55	20.5	2.51
	31	14.8	2.90	15.8	2.85	16.8	2.81	17.4	2.79	17.9	2.77	19.0	2.73	20.2	2.69
	33	14.5	3.08	15.5	3.03	16.5	3.00	17.1	2.98	17.6	2.96	18.7	2.92	19.8	2.88
	35	14.1	3.30	15.2	3.25	16.2	3.21	16.8	3.18	17.3	3.16	18.4	3.11	19.4	3.06
	37	14.1	3.69	15.2	3.63	16.2	3.57	16.8	3.55	17.3	3.52	18.4	3.46	19.4	3.39
	39	14.1	4.09	15.2	4.03	16.2	3.97	16.8	3.94	17.3	3.91	18.4	3.85	19.4	3.79

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. [box] shows rated condition.

RXQ22AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	70.1	8.81	74.9	8.92	78.6	9.03	79.8	9.09	80.7	9.14	82.4	9.26	83.9	9.37
	12	69.3	9.32	73.9	9.43	77.4	9.54	78.5	9.60	79.4	9.65	81.0	9.76	82.5	9.87
	14	68.5	9.83	73.0	9.94	76.2	10.1	77.2	10.1	78.1	10.2	79.7	10.3	81.2	10.4
	16	67.6	10.3	72.0	10.5	75.0	10.6	75.9	10.6	76.8	10.7	78.4	10.8	79.9	10.9
	18	66.8	10.9	71.0	11.0	73.8	11.1	74.7	11.1	75.5	11.2	77.2	11.3	78.7	11.4
	20	65.9	11.3	70.0	11.5	72.6	11.6	73.5	11.6	74.3	11.7	76.0	11.8	77.5	11.9
	21	65.5	11.5	69.5	11.7	72.0	11.8	72.9	11.9	73.8	11.9	75.4	12.0	77.0	12.2
	23	64.7	12.0	68.5	12.2	70.9	12.3	71.8	12.4	72.6	12.4	74.2	12.6	75.8	12.7
	25	63.8	12.5	67.5	12.6	69.8	12.8	70.6	12.9	71.5	13.0	73.0	13.1	74.7	13.2
	27	62.9	12.9	66.6	13.1	68.7	13.3	69.5	13.4	70.4	13.5	71.9	13.6	73.6	13.7
	29	62.1	13.5	65.6	13.7	67.6	13.9	68.5	13.9	69.3	14.0	70.8	14.1	72.5	14.2
	31	61.2	14.0	64.6	14.2	66.6	14.4	67.4	14.4	68.2	14.5	69.7	14.6	71.3	14.7
	33	60.3	14.6	63.6	14.8	65.5	14.9	66.4	14.9	67.2	15.0	68.7	15.1	70.2	15.2
	35	59.4	15.2	62.5	15.3	64.5	15.4	65.3	15.4	66.2	15.5	67.6	15.6	69.1	15.7
	37	58.5	15.7	61.5	15.8	63.5	15.9	64.3	16.0	65.2	16.0	66.6	16.1	68.0	16.2
	39	57.6	16.2	60.5	16.3	62.5	16.4	63.4	16.5	64.2	16.5	65.6	16.6	66.8	16.7
120%	10	67.8	8.77	72.8	8.89	76.8	9.01	78.4	9.07	79.6	9.13	81.1	9.25	82.5	9.37
	12	66.9	9.27	71.8	9.40	75.6	9.52	77.1	9.58	78.3	9.64	79.8	9.76	81.2	9.88
	14	66.1	9.78	70.9	9.91	74.5	10.0	75.9	10.1	76.9	10.2	78.5	10.3	79.9	10.4
	16	65.4	10.3	69.9	10.4	73.4	10.5	74.7	10.6	75.7	10.7	77.2	10.8	78.6	10.9
	18	64.6	10.8	68.9	10.9	72.3	11.1	73.5	11.1	74.4	11.2	75.9	11.3	77.3	11.4
	20	63.9	11.3	68.0	11.4	71.2	11.6	72.3	11.6	73.2	11.7	74.7	11.8	76.1	12.0
	21	63.5	11.5	67.5	11.7	70.7	11.8	71.7	11.9	72.6	12.0	74.1	12.1	75.6	12.2
	23	62.7	11.9	66.6	12.1	69.6	12.3	70.6	12.4	71.4	12.5	72.9	12.6	74.5	12.7
	25	62.0	12.4	65.7	12.6	68.5	12.8	69.5	12.9	70.3	13.0	71.8	13.1	73.3	13.3
	27	61.2	12.9	64.8	13.1	67.5	13.3	68.4	13.4	69.2	13.5	70.6	13.6	72.2	13.8
	29	60.4	13.4	63.9	13.6	66.4	13.8	67.3	13.9	68.1	14.0	69.5	14.2	71.1	14.3
	31	59.6	14.0	63.0	14.2	65.4	14.4	66.2	14.5	67.0	14.5	68.4	14.7	70.0	14.8
	33	58.7	14.5	62.1	14.7	64.4	14.9	65.2	15.0	66.0	15.0	67.4	15.2	68.8	15.3
	35	57.9	15.1	61.2	15.3	63.4	15.4	64.2	15.5	64.9	15.6	66.3	15.7	67.7	15.8
	37	57.0	15.6	60.4	15.8	62.3	15.9	63.1	16.0	63.9	16.1	65.3	16.2	66.6	16.4
	39	56.2	16.1	59.5	16.3	61.3	16.4	62.1	16.5	62.9	16.6	64.2	16.7	65.5	16.9
110%	10	65.6	8.72	70.7	8.85	74.7	8.98	76.4	9.05	77.9	9.11	79.9	9.24	81.1	9.37
	12	64.7	9.23	69.7	9.36	73.6	9.50	75.3	9.56	76.7	9.63	78.6	9.76	79.8	9.90
	14	63.9	9.73	68.7	9.87	72.6	10.0	74.1	10.1	75.5	10.1	77.2	10.3	78.5	10.4
	16	63.2	10.2	67.7	10.4	71.5	10.5	73.0	10.6	74.3	10.7	75.9	10.8	77.2	11.0
	18	62.5	10.7	66.8	10.9	70.5	11.0	71.9	11.1	73.1	11.2	74.7	11.3	76.0	11.5
	20	61.8	11.2	66.0	11.4	69.5	11.6	70.9	11.6	71.9	11.7	73.5	11.9	74.8	12.0
	21	61.5	11.5	65.6	11.6	69.0	11.8	70.3	11.9	71.3	12.0	72.8	12.1	74.2	12.3
	23	60.7	11.9	64.8	12.1	68.0	12.2	69.2	12.3	70.2	12.4	71.7	12.7	73.1	12.8
	25	60.0	12.4	63.9	12.5	67.0	12.7	68.2	12.8	69.1	12.9	70.5	13.2	72.0	13.3
	27	59.3	12.9	63.1	13.0	66.0	13.2	67.1	13.3	68.0	13.4	69.3	13.7	70.8	13.9
	29	58.5	13.4	62.2	13.6	65.0	13.8	66.1	13.9	66.9	14.0	68.2	14.2	69.7	14.4
	31	57.7	13.9	61.3	14.1	64.0	14.3	65.0	14.4	65.8	14.5	67.1	14.8	68.6	14.9
	33	57.0	14.5	60.4	14.7	63.1	14.9	64.0	15.0	64.7	15.1	66.0	15.3	67.5	15.5
	35	56.2	15.0	59.6	15.2	62.1	15.4	62.9	15.5	63.7	15.6	65.0	15.8	66.3	16.0
	37	55.4	15.5	58.8	15.7	61.1	15.9	61.9	16.0	62.6	16.1	63.9	16.3	65.2	16.5
	39	54.6	16.0	58.0	16.2	60.2	16.4	60.9	16.5	61.6	16.6	62.9	16.9	64.1	17.1
100%	10	61.1	8.68	68.4	8.82	72.4	8.96	74.1	9.02	75.6	9.09	78.2	9.23	79.7	9.36
	12	60.9	9.18	67.4	9.33	71.4	9.47	73.1	9.54	74.6	9.62	77.0	9.76	78.4	9.91
	14	60.8	9.68	66.5	9.84	70.4	9.99	72.0	10.1	73.5	10.1	75.7	10.3	77.1	10.5
	16	60.6	10.2	65.6	10.3	69.4	10.5	71.0	10.6	72.4	10.7	74.5	10.8	75.8	11.0
	18	60.2	10.7	64.7	10.9	68.4	11.0	70.0	11.1	71.3	11.2	73.3	11.4	74.6	11.5
	20	59.5	11.2	63.8	11.3	67.4	11.5	68.9	11.6	70.2	11.7	72.1	11.9	73.4	12.1
	21	59.2	11.4	63.4	11.6	66.9	11.7	68.4	11.8	69.7	11.9	71.5	12.1	72.8	12.3
	23	58.5	11.8	62.6	12.0	66.0	12.2	67.4	12.3	68.6	12.4	70.4	12.6	71.7	12.8
	25	57.8	12.3	61.8	12.5	65.1	12.7	66.4	12.8	67.6	12.9	69.2	13.1	70.6	13.3
	27	57.1	12.8	61.0	13.0	64.2	13.2	65.5	13.3	66.6	13.4	68.1	13.6	69.4	13.8
	29	56.4	13.3	60.2	13.5	63.3	13.7	64.5	13.8	65.5	13.9	67.0	14.1	68.3	14.4
	31	55.7	13.9	59.4	14.0	62.4	14.2	63.5	14.4	64.5	14.5	65.9	14.7	67.2	15.0
	33	55.0	14.4	58.6	14.6	61.4	14.8	62.5	14.9	63.4	15.0	64.7	15.3	66.1	15.5
	35	54.2	14.9	57.8	15.2	60.5	15.4	61.5	15.5	62.3	15.7	63.6	15.9	65.0	16.1
	37	53.5	15.4	56.9	15.7	59.6	15.9	60.5	16.1	61.3	16.2	62.5	16.4	63.8	16.7
	39	52.7	15.9	56.1	16.2	58.7	16.5	59.5	16.6	60.2	16.7	61.4	17.0	62.7	17.2
90%	10	54.7	6.83	61.1	6.86	64.7	6.90	66.2	6.92	67.5	6.93	69.8	6.97	71.1	7.00
	12	54.6	7.24	60.3	7.28	63.8	7.32	65.3	7.34	66.6	7.36	68.7	7.41	70.1	7.45
	14	54.5	7.65	59.6	7.70	63.0	7.75	64.4	7.77	65.6	7.79	67.6	7.84	69.1	7.89
	16	54.5	8.06	58.8	8.12	62.1	8.17	63.5	8.20	64.7	8.22	66.7	8.28	68.1	8.33
	18	54.2	8.47	58.0	8.53	61.3	8.59	62.6	8.62	63.8	8.65	65.8	8.71	67.1	8.78
	20	53.6	8.88	57.4	8.95	60.5	9.02	61.8	9.05	63.0	9.08	64.8	9.15	66.0	9.22
	21	53.3	9.09	57.0	9.16	60.1	9.23	61.4	9.26	62.6	9.30	64.3	9.37	65.5	9.44
	23	52.7	9.50	56.3	9.58	59.4	9.65	60.6	9.69	61.7	9.73	63.3	9.81	64.5	9.88
	25	52.0	9.91	55.6	9.99	58.6	10.1	59.8	10.1	60.8	10.2	62.3	10.2	63.5	10.3
	27	51.4	10.3	54.9	10.4	57.8	10.5	58.9	10.5	59.9	10.6	61.3	10.7	62.5	10.8
	29	50.8	10.7	54.2	10.8	57.0	10.9	58.1	11.0	59.0	11.0	60.3	11.1	61.5	11.2
	31	50.2	11.1	53.5	11.2	56.1	11.3	57.2	11.4	58.0	11.4	59.3	11.6	60.5	11.7
	33	49.6	11.6	52.9	11.7	55.3	11.8	56.3	11.8	57.0	11.9	58.3	12.0	59.5	12.1
	35	49.1	12.0	52.2	12.1	54.5	12.2	55.4	12.3	56.0	12.3	57.2	12.4	58.5	12.5
	37	49.1	13.2	52.2	13.3	54.5	13.4	55.4	13.5	56.0	13.5	57.2	13.6	58.5	13.7
	39	49.1	14.6	52.2	14.7	54.5	14.8	55.4	14.8	56.0	14.9	57.2	14.9	58.5	15.0
80%	10	48.7	5.14	54.4	5.12	57.5	5.09	58.8	5.08	59.9	5.07	61.9	5.04	63.2	5.02
	12	48.6	5.50	53.7	5.48	56.7	5.46	58.0	5.45	59.1	5.44	60.9	5.43	62.3	5.41
	14	48.6	5.86	53.0	5.84	55.9	5.83	57.2	5.82	58.3	5.82	60.1	5.81	61.4	5.79
	16	48.5	6.21	52.3	6.21	55.2	6.20	56.4	6.20	57.5	6.19	59.3	6.19	60.5	6.18
	18	48.2	6.57	51.7	6.57	54.5	6.57	55.7	6.57	56.8	6.57	58.5	6.57	59.6	6.57
	20	47.7	6.93	51.0	6.93	53.8	6.94	55.0	6.94	56.0	6.94	57.6	6.95	58.7	6.96
	21	47.4	7.11	50.7	7.12	53.4	7.12	54.6	7.13	55.6	7.13	57.2	7.14	58.3	7.15
	23	46.8	7.46	50.1	7.48	52.8	7.49	53.9	7.50	54.8	7.51	56.3	7.52	57.4	7.54
	25	46.3	7.82	49.5	7.84	52.1	7.86	53.1	7.87	54.1	7.88	55.4	7.90	56.5	7.92
	27	45.8	8.18	48.9	8.21	51.4	8.23	52.4	8.25	53.3	8.26	54.5	8.28	55.6	8.31
	29	45.3	8.54	48.3	8.57	50.6	8.60	51.6	8.62	52.4	8.63	53.6	8.67	54.7	8.70
	31	44.9	8.89	47.7	8.93	49.9	8.97	50.8	8.99	51.6	9.01	52.7	9.05	53.8	9.08
	33	44.4	9.25	47.2	9.30	49.2	9.34	50.0	9.36	50.7	9.38	51.8	9.43	52.9	9.47
	35	43.9	9.61	46.6	9.66	48.5	9.71	49.2	9.73	49.8	9.76	50.9	9.81	52.0	9.86
	37	43.9	10.5	46.6	10.5	48.5	10.6	49.2	10.6	49.8	10.6	50.9	10.6	52.0	10.6
	39	43.9	11.5	46.6	11.6	48.5	11.6	49.2	11.6	49.8	11.7	50.9	11.7	52.0	11.6

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	42.6	3.72	47.5	3.64	50.2	3.57	51.3	3.53	52.3	3.49	54.0	3.41	55.3	3.33
	12	42.6	4.03	46.9	3.96	49.5	3.88	50.6	3.85	51.6	3.81	53.3	3.74	54.5	3.66
	14	42.5	4.33	46.3	4.27	48.9	4.20	49.9	4.17	50.9	4.13	52.6	4.07	53.7	4.00
	16	42.5	4.64	45.7	4.58	48.2	4.52	49.3	4.49	50.3	4.46	51.9	4.39	52.9	4.33
	18	42.2	4.94	45.2	4.89	47.6	4.83	48.7	4.81	49.7	4.78	51.2	4.72	52.2	4.67
	20	41.7	5.25	44.6	5.20	47.1	5.15	48.1	5.13	49.0	5.10	50.4	5.05	51.4	5.01
	21	41.5	5.40	44.4	5.36	46.8	5.31	47.8	5.29	48.7	5.26	50.0	5.22	51.0	5.17
	23	41.0	5.71	43.8	5.67	46.2	5.63	47.1	5.61	48.0	5.59	49.2	5.55	50.2	5.51
	25	40.6	6.01	43.3	5.98	45.6	5.95	46.5	5.93	47.3	5.91	48.5	5.88	49.4	5.85
	27	40.1	6.32	42.8	6.29	44.9	6.26	45.8	6.25	46.6	6.24	47.7	6.21	48.6	6.18
	29	39.7	6.62	42.3	6.60	44.3	6.58	45.2	6.57	45.9	6.56	46.9	6.54	47.8	6.52
	31	39.3	6.93	41.8	6.91	43.7	6.90	44.5	6.89	45.1	6.88	46.1	6.87	47.0	6.85
	33	38.9	7.23	41.3	7.22	43.1	7.21	43.8	7.21	44.4	7.21	45.3	7.20	46.3	7.19
	35	38.5	7.54	40.9	7.53	42.5	7.53	43.1	7.53	43.6	7.53	44.5	7.53	45.5	7.52
	37	38.5	8.15	40.9	8.15	42.5	8.14	43.1	8.13	43.6	8.12	44.5	8.09	45.5	8.05
	39	38.5	8.98	40.9	8.99	42.5	8.98	43.1	8.97	43.6	8.95	44.5	8.90	45.5	8.82
60%	10	36.4	2.58	40.6	2.45	42.8	2.32	43.8	2.25	44.7	2.19	46.3	2.05	47.4	1.92
	12	36.4	2.83	40.1	2.71	42.3	2.58	43.3	2.52	44.2	2.46	45.7	2.34	46.7	2.21
	14	36.3	3.09	39.6	2.97	41.8	2.85	42.8	2.79	43.7	2.74	45.1	2.62	46.1	2.50
	16	36.3	3.34	39.1	3.23	41.3	3.12	42.3	3.06	43.1	3.01	44.5	2.90	45.4	2.79
	18	36.1	3.59	38.7	3.49	40.8	3.39	41.8	3.34	42.6	3.28	43.9	3.18	44.7	3.08
	20	35.7	3.85	38.2	3.75	40.3	3.65	41.2	3.61	42.0	3.56	43.2	3.46	44.0	3.37
	21	35.5	3.97	38.0	3.88	40.1	3.79	41.0	3.74	41.7	3.70	42.9	3.60	43.7	3.51
	23	35.1	4.23	37.6	4.14	39.6	4.06	40.4	4.01	41.1	3.97	42.2	3.89	43.0	3.80
	25	34.7	4.48	37.1	4.40	39.0	4.32	39.9	4.28	40.5	4.25	41.5	4.17	42.3	4.09
	27	34.3	4.73	36.6	4.66	38.5	4.59	39.3	4.56	39.9	4.52	40.9	4.45	41.7	4.38
	29	33.9	4.99	36.2	4.92	38.0	4.86	38.7	4.83	39.3	4.80	40.2	4.73	41.0	4.67
	31	33.6	5.24	35.7	5.18	37.4	5.13	38.1	5.10	38.7	5.07	39.5	5.01	40.3	4.96
	33	33.2	5.49	35.3	5.44	36.9	5.39	37.5	5.37	38.0	5.35	38.8	5.30	39.6	5.25
	35	32.9	5.74	34.9	5.70	36.4	5.66	36.9	5.64	37.4	5.62	38.2	5.58	39.0	5.54
	37	32.9	6.25	34.9	6.20	36.4	6.16	36.9	6.13	37.4	6.10	38.2	6.05	39.0	5.98
	39	32.9	6.90	34.9	6.87	36.4	6.82	36.9	6.79	37.4	6.76	38.2	6.68	39.0	6.58
50%	10	30.4	2.29	33.7	2.27	35.7	2.23	36.5	2.19	37.3	2.15	38.6	2.05	39.5	1.92
	12	30.3	2.32	33.3	2.29	35.3	2.23	36.1	2.19	36.8	2.15	38.1	2.04	38.9	1.92
	14	30.3	2.38	33.0	2.32	34.9	2.26	35.7	2.22	36.4	2.17	37.6	2.07	38.4	1.94
	16	30.3	2.45	32.6	2.39	34.4	2.31	35.2	2.27	35.9	2.22	37.1	2.12	37.8	2.00
	18	30.1	2.56	32.2	2.48	34.0	2.40	34.8	2.35	35.5	2.30	36.6	2.20	37.3	2.09
	20	29.8	2.68	31.9	2.60	33.6	2.51	34.4	2.46	35.0	2.41	36.0	2.31	36.7	2.20
	21	29.6	2.75	31.7	2.67	33.4	2.58	34.1	2.53	34.8	2.48	35.7	2.38	36.4	2.27
	23	29.3	2.92	31.3	2.82	33.0	2.73	33.7	2.68	34.3	2.64	35.2	2.54	35.8	2.44
	25	28.9	3.10	30.9	3.01	32.5	2.91	33.2	2.87	33.8	2.82	34.6	2.72	35.3	2.63
	27	28.6	3.31	30.5	3.22	32.1	3.13	32.7	3.08	33.3	3.03	34.1	2.94	34.7	2.85
	29	28.2	3.54	30.1	3.45	31.6	3.36	32.3	3.32	32.8	3.28	33.5	3.19	34.2	3.10
	31	27.9	3.79	29.7	3.71	31.2	3.63	31.8	3.59	32.2	3.55	32.9	3.47	33.6	3.38
	33	27.5	4.07	29.3	4.00	30.7	3.92	31.3	3.89	31.7	3.85	32.4	3.77	33.0	3.69
	35	27.1	4.37	28.9	4.31	30.3	4.25	30.8	4.21	31.1	4.18	31.8	4.11	32.5	4.03
	37	27.1	4.81	28.9	4.74	30.3	4.68	30.8	4.65	31.1	4.62	31.8	4.57	32.5	4.52
	39	27.1	5.35	28.9	5.29	30.3	5.22	30.8	5.19	31.1	5.15	31.8	5.07	32.5	4.99
40%	10	24.3	1.78	26.5	1.77	27.8	1.73	28.4	1.71	29.0	1.67	30.2	1.59	31.2	1.49
	12	24.3	1.80	26.2	1.78	27.5	1.73	28.1	1.70	28.6	1.67	29.8	1.59	30.7	1.49
	14	24.2	1.85	25.9	1.81	27.2	1.75	27.7	1.72	28.3	1.69	29.4	1.61	30.3	1.51
	16	24.1	1.91	25.6	1.86	26.8	1.80	27.4	1.76	28.0	1.73	28.9	1.65	29.8	1.55
	18	24.0	1.99	25.3	1.93	26.5	1.86	27.1	1.83	27.6	1.79	28.5	1.71	29.3	1.62
	20	23.7	2.09	25.0	2.02	26.3	1.95	26.8	1.91	27.3	1.88	28.2	1.80	28.9	1.71
	21	23.5	2.14	24.9	2.07	26.1	2.00	26.7	1.97	27.1	1.93	28.0	1.85	28.7	1.77
	23	23.2	2.27	24.6	2.20	25.8	2.12	26.4	2.09	26.8	2.05	27.6	1.97	28.2	1.89
	25	22.9	2.41	24.3	2.34	25.5	2.27	26.1	2.23	26.5	2.19	27.2	2.12	27.8	2.04
	27	22.6	2.57	24.1	2.50	25.3	2.43	25.8	2.39	26.2	2.36	26.8	2.29	27.4	2.21
	29	22.3	2.75	23.8	2.68	25.0	2.62	25.5	2.58	25.9	2.55	26.5	2.48	27.0	2.41
	31	22.1	2.95	23.6	2.89	24.7	2.82	25.2	2.79	25.5	2.76	26.1	2.69	26.6	2.63
	33	21.8	3.16	23.3	3.11	24.5	3.05	24.9	3.02	25.2	2.99	25.7	2.93	26.2	2.87
	35	21.6	3.40	23.1	3.35	24.2	3.30	24.6	3.28	24.9	3.25	25.4	3.19	25.8	3.14
	37	21.6	3.78	23.1	3.72	24.2	3.66	24.6	3.64	24.9	3.61	25.4	3.55	25.8	3.49
	39	21.6	4.23	23.1	4.17	24.2	4.11	24.6	4.08	24.9	4.04	25.4	3.97	25.8	3.90
30%	10	19.6	1.27	20.5	1.26	21.6	1.24	22.2	1.22	22.9	1.19	24.4	1.14	26.1	1.06
	12	19.3	1.29	20.2	1.27	21.3	1.24	21.9	1.21	22.6	1.19	24.1	1.13	25.7	1.06
	14	18.9	1.32	19.9	1.29	21.0	1.25	21.6	1.23	22.3	1.20	23.7	1.15	25.4	1.08
	16	18.6	1.36	19.6	1.33	20.7	1.28	21.3	1.26	22.0	1.23	23.4	1.17	25.0	1.11
	18	18.3	1.42	19.3	1.38	20.4	1.33	21.0	1.30	21.6	1.28	23.0	1.22	24.6	1.16
	20	18.0	1.49	19.0	1.44	20.1	1.39	20.7	1.37	21.3	1.34	22.7	1.28	24.2	1.22
	21	17.8	1.53	18.8	1.48	19.9	1.43	20.6	1.40	21.2	1.38	22.5	1.32	24.0	1.26
	23	17.5	1.62	18.5	1.57	19.6	1.52	20.3	1.49	20.9	1.46	22.2	1.41	23.6	1.35
	25	17.1	1.72	18.2	1.67	19.4	1.62	20.0	1.59	20.6	1.56	21.9	1.51	23.2	1.46
	27	16.8	1.83	17.9	1.78	19.1	1.73	19.7	1.71	20.3	1.68	21.5	1.63	22.8	1.58
	29	16.5	1.96	17.6	1.91	18.8	1.87	19.4	1.84	19.9	1.82	21.2	1.77	22.4	1.72
	31	16.2	2.10	17.3	2.06	18.5	2.01	19.1	1.99	19.6	1.97	20.8	1.92	22.1	1.88
	33	15.8	2.26	17.0	2.22	18.2	2.18	18.8	2.16	19.3	2.14	20.5	2.09	21.7	2.05
	35	15.5	2.43	16.7	2.39	17.9	2.36	18.5	2.34	19.0	2.32	20.2	2.28	21.3	2.24
	37	15.5	2.76	16.7	2.71	17.9	2.65	18.5	2.62	19.0	2.59	20.2	2.53	21.3	2.47
	39	15.5	3.12	16.7	3.06	17.9	3.00	18.5	2.96	19.0	2.93	20.2	2.87	21.3	2.81

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ24AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	76.4	9.87	81.6	9.99	85.7	10.1	87.0	10.2	87.9	10.2	89.7	10.4	91.4	10.5
	12	75.5	10.4	80.6	10.6	84.3	10.7	85.5	10.7	86.5	10.8	88.3	10.9	89.9	11.1
	14	74.6	11.0	79.5	11.1	83.0	11.3	84.1	11.3	85.0	11.4	86.8	11.5	88.5	11.6
	16	73.7	11.6	78.4	11.7	81.7	11.8	82.7	11.9	83.7	11.9	85.4	12.1	87.1	12.2
	18	72.8	12.2	77.4	12.3	80.4	12.4	81.4	12.5	82.3	12.5	84.1	12.6	85.7	12.8
	20	71.8	12.7	76.3	12.8	79.1	13.0	80.1	13.0	81.0	13.1	82.8	13.2	84.4	13.3
	21	71.4	12.9	75.7	13.1	78.5	13.2	79.4	13.3	80.3	13.4	82.1	13.5	83.8	13.6
	23	70.4	13.4	74.7	13.6	77.3	13.8	78.2	13.9	79.1	13.9	80.8	14.1	82.6	14.2
	25	69.5	13.9	73.6	14.1	76.0	14.4	77.0	14.4	77.9	14.5	79.6	14.6	81.4	14.7
	27	68.6	14.5	72.5	14.7	74.9	14.9	75.8	15.0	76.6	15.1	78.3	15.2	80.2	15.3
	29	67.6	15.1	71.4	15.3	73.7	15.5	74.6	15.6	75.5	15.6	77.1	15.8	78.9	15.9
	31	66.7	15.7	70.3	15.9	72.5	16.1	73.4	16.2	74.3	16.2	76.0	16.3	77.7	16.4
	33	65.7	16.3	69.2	16.6	71.4	16.7	72.3	16.7	73.2	16.8	74.8	16.9	76.5	17.0
	35	64.7	17.0	68.1	17.1	70.3	17.2	71.2	17.3	72.1	17.4	73.7	17.5	75.3	17.6
	37	63.8	17.6	67.0	17.7	69.2	17.8	70.1	17.9	71.0	17.9	72.5	18.0	74.0	18.1
	39	62.8	18.2	65.9	18.3	68.1	18.4	69.0	18.4	69.9	18.5	71.4	18.6	72.8	18.7
120%	10	73.9	9.82	79.4	9.95	83.7	10.1	85.4	10.2	86.8	10.2	88.4	10.4	89.9	10.5
	12	72.9	10.4	78.3	10.5	82.4	10.7	84.0	10.7	85.3	10.8	86.9	10.9	88.4	11.1
	14	72.0	11.0	77.2	11.1	81.2	11.2	82.7	11.3	83.8	11.4	85.5	11.5	87.0	11.6
	16	71.2	11.5	76.1	11.7	80.0	11.8	81.3	11.9	82.4	11.9	84.1	12.1	85.6	12.2
	18	70.4	12.1	75.1	12.2	78.8	12.4	80.0	12.4	81.1	12.5	82.7	12.7	84.2	12.8
	20	69.6	12.6	74.1	12.8	77.6	12.9	78.8	13.0	79.7	13.1	81.4	13.2	82.9	13.4
	21	69.2	12.9	73.6	13.1	77.0	13.2	78.1	13.3	79.1	13.4	80.7	13.5	82.3	13.7
	23	68.4	13.4	72.6	13.6	75.8	13.8	76.9	13.9	77.8	14.0	79.5	14.1	81.1	14.3
	25	67.5	13.9	71.6	14.1	74.7	14.3	75.7	14.4	76.6	14.5	78.2	14.7	79.9	14.8
	27	66.6	14.4	70.6	14.7	73.5	14.9	74.5	15.0	75.3	15.1	77.0	15.3	78.7	15.4
	29	65.8	15.0	69.6	15.2	72.4	15.5	73.3	15.6	74.2	15.7	75.7	15.8	77.4	16.0
	31	64.9	15.6	68.6	15.9	71.3	16.1	72.2	16.2	73.0	16.3	74.6	16.4	76.2	16.6
	33	64.0	16.3	67.7	16.5	70.1	16.7	71.0	16.8	71.8	16.8	73.4	17.0	75.0	17.2
	35	63.1	16.9	66.7	17.1	69.0	17.2	69.9	17.3	70.7	17.4	72.2	17.6	73.8	17.7
	37	62.1	17.5	65.8	17.7	67.9	17.8	68.8	17.9	69.6	18.0	71.1	18.2	72.5	18.3
	39	61.2	18.0	64.8	18.2	66.8	18.4	67.7	18.5	68.5	18.6	70.0	18.7	71.3	18.9
110%	10	71.5	9.77	77.0	9.91	81.4	10.1	83.2	10.1	84.9	10.2	87.1	10.3	88.4	10.5
	12	70.5	10.3	75.9	10.5	80.2	10.6	82.0	10.7	83.5	10.8	85.6	10.9	86.9	11.1
	14	69.6	10.9	74.8	11.1	79.1	11.2	80.8	11.3	82.2	11.4	84.1	11.5	85.5	11.7
	16	68.9	11.5	73.8	11.6	77.9	11.8	79.6	11.9	80.9	11.9	82.7	12.1	84.1	12.3
	18	68.1	12.0	72.8	12.2	76.8	12.4	78.4	12.4	79.6	12.5	81.4	12.7	82.7	12.9
	20	67.3	12.6	71.9	12.8	75.7	12.9	77.2	13.0	78.4	13.1	80.0	13.3	81.4	13.5
	21	67.0	12.8	71.4	13.0	75.2	13.2	76.6	13.3	77.7	13.4	79.4	13.6	80.8	13.8
	23	66.2	13.3	70.6	13.5	74.1	13.7	75.4	13.8	76.5	13.9	78.1	14.2	79.6	14.3
	25	65.4	13.8	69.6	14.0	73.0	14.2	74.3	14.4	75.3	14.5	76.8	14.7	78.4	14.9
	27	64.6	14.4	68.7	14.6	71.9	14.8	73.1	14.9	74.1	15.1	75.5	15.3	77.2	15.5
	29	63.7	15.0	67.8	15.2	70.8	15.4	72.0	15.5	72.9	15.7	74.3	15.9	75.9	16.1
	31	62.9	15.6	66.8	15.8	69.8	16.0	70.8	16.1	71.7	16.3	73.1	16.5	74.7	16.7
	33	62.1	16.2	65.9	16.4	68.7	16.7	69.7	16.8	70.5	16.9	71.9	17.1	73.5	17.3
	35	61.2	16.8	64.9	17.0	67.6	17.3	68.6	17.4	69.4	17.5	70.8	17.7	72.3	17.9
	37	60.3	17.4	64.0	17.6	66.6	17.8	67.4	17.9	68.2	18.1	69.6	18.3	71.0	18.5
	39	59.4	17.9	63.2	18.2	65.5	18.4	66.3	18.5	67.1	18.6	68.5	18.9	69.8	19.1
100%	10	66.6	9.72	74.5	9.87	78.9	10.0	80.7	10.1	82.4	10.2	85.2	10.3	86.9	10.5
	12	66.4	10.3	73.4	10.4	77.8	10.6	79.6	10.7	81.2	10.8	83.8	10.9	85.4	11.1
	14	66.2	10.8	72.4	11.0	76.7	11.2	78.5	11.3	80.0	11.4	82.5	11.5	84.0	11.7
	16	66.0	11.4	71.4	11.6	75.6	11.8	77.3	11.9	78.9	11.9	81.2	12.1	82.6	12.3
	18	65.6	12.0	70.4	12.2	74.5	12.3	76.2	12.4	77.7	12.5	79.9	12.7	81.2	12.9
	20	64.9	12.5	69.5	12.7	73.5	12.9	75.1	13.0	76.5	13.1	78.6	13.3	79.9	13.5
	21	64.5	12.8	69.0	12.9	72.9	13.1	74.6	13.2	75.9	13.3	77.9	13.6	79.3	13.8
	23	63.8	13.3	68.2	13.4	71.9	13.6	73.5	13.8	74.8	13.9	76.7	14.1	78.1	14.4
	25	63.0	13.8	67.4	14.0	70.9	14.2	72.4	14.3	73.6	14.4	75.4	14.7	76.9	14.9
	27	62.2	14.3	66.5	14.5	69.9	14.7	71.3	14.9	72.5	15.0	74.2	15.2	75.7	15.5
	29	61.5	14.9	65.6	15.1	68.9	15.3	70.3	15.5	71.4	15.6	73.0	15.8	74.4	16.1
	31	60.7	15.5	64.8	15.7	67.9	16.0	69.2	16.1	70.3	16.2	71.7	16.5	73.2	16.7
	33	59.9	16.1	63.9	16.4	66.9	16.6	68.1	16.7	69.0	16.9	70.5	17.1	72.0	17.4
	35	59.1	16.7	62.9	17.0	65.9	17.3	67.0	17.4	67.9	17.5	69.3	17.8	70.8	18.1
	37	58.3	17.3	62.0	17.6	64.9	17.8	65.9	18.0	66.7	18.1	68.1	18.4	69.5	18.7
	39	57.5	17.8	61.1	18.1	63.9	18.4	64.9	18.6	65.6	18.7	66.9	19.0	68.3	19.3
90%	10	59.6	7.65	66.6	7.69	70.5	7.72	72.1	7.74	73.6	7.76	76.0	7.80	77.5	7.84
	12	59.5	8.11	65.7	8.15	69.5	8.20	71.1	8.22	72.5	8.25	74.8	8.29	76.4	8.34
	14	59.4	8.57	64.9	8.62	68.6	8.67	70.1	8.70	71.5	8.73	73.7	8.78	75.3	8.83
	16	59.4	9.03	64.0	9.09	67.7	9.15	69.2	9.18	70.5	9.21	72.7	9.27	74.2	9.33
	18	59.0	9.49	63.2	9.55	66.8	9.62	68.2	9.66	69.6	9.69	71.7	9.76	73.1	9.83
	20	58.4	9.95	62.5	10.0	65.9	10.1	67.4	10.1	68.6	10.2	70.6	10.2	72.0	10.3
	21	58.0	10.2	62.1	10.3	65.5	10.3	66.9	10.4	68.2	10.4	70.1	10.5	71.4	10.6
	23	57.4	10.6	61.4	10.7	64.7	10.8	66.0	10.9	67.2	10.9	69.0	11.0	70.3	11.1
	25	56.7	11.1	60.6	11.2	63.8	11.3	65.1	11.3	66.3	11.4	67.9	11.5	69.2	11.6
	27	56.0	11.6	59.9	11.7	62.9	11.8	64.2	11.8	65.3	11.9	66.8	12.0	68.1	12.1
	29	55.3	12.0	59.1	12.1	62.1	12.2	63.3	12.3	64.3	12.3	65.7	12.4	67.0	12.6
	31	54.6	12.5	58.3	12.6	61.1	12.7	62.3	12.8	63.2	12.8	64.6	12.9	65.9	13.0
	33	54.1	12.9	57.6	13.1	60.3	13.2	61.3	13.2	62.1	13.3	63.5	13.4	64.8	13.5
	35	53.5	13.4	56.9	13.5	59.4	13.7	60.3	13.7	61.0	13.8	62.4	13.9	63.7	14.0
	37	53.5	14.8	56.9	14.9	59.4	15.0	60.3	15.1	61.0	15.2	62.4	15.2	63.7	15.3
	39	53.5	16.3	56.9	16.4	59.4	16.6	60.3	16.6	61.0	16.7	62.4	16.7	63.7	16.8
80%	10	53.1	5.76	59.2	5.73	62.6	5.70	64.0	5.69	65.3	5.67	67.4	5.65	68.9	5.62
	12	53.0	6.16	58.5	6.14	61.8	6.12	63.1	6.11	64.4	6.09	66.4	6.07	67.9	6.05
	14	52.9	6.56	57.7	6.54	60.9	6.53	62.3	6.52	63.5	6.52	65.5	6.50	66.9	6.49
	16	52.9	6.96	57.0	6.95	60.1	6.94	61.4	6.94	62.6	6.94	64.6	6.93	65.9	6.92
	18	52.6	7.36	56.3	7.36	59.3	7.36	60.7	7.36	61.8	7.36	63.8	7.36	64.9	7.35
	20	51.9	7.76	55.6	7.76	58.6	7.77	59.9	7.77	61.0	7.78	62.8	7.78	64.0	7.79
	21	51.6	7.96	55.2	7.97	58.2	7.98	59.5	7.98	60.6	7.99	62.3	8.00	63.5	8.00
	23	51.0	8.36	54.6	8.37	57.5	8.39	58.7	8.40	59.8	8.41	61.3	8.42	62.5	8.44
	25	50.5	8.76	53.9	8.78	56.7	8.80	57.9	8.81	58.9	8.83	60.3	8.85	61.5	8.87
	27	49.9	9.16	53.3	9.19	55.9	9.22	57.1	9.23	58.0	9.25	59.4	9.28	60.5	9.31
	29	49.4	9.56	52.6	9.59	55.2	9.63	56.2	9.65	57.1	9.67	58.4	9.70	59.5	9.74
	31	48.9	9.96	52.0	10.0	54.4	10.0	55.4	10.1	56.2	10.1	57.4	10.1	58.6	10.2
	33	48.4	10.4	51.4	10.4	53.6	10.5	54.5	10.5	55.2	10.5	56.4	10.6	57.6	10.6
	35	47.9	10.8	50.8	10.8	52.9	10.9	53.6	10.9	54.3	10.9	55.4	11.0	56.6	11.0
	37	47.9	11.7	50.8	11.8	52.9	11.8	53.6	11.9	54.3	11.9	55.4	11.9	56.6	11.9
	39	47.9	12.9	50.8	13.0	52.9	13.0	53.6	13.0	54.3	13.1	55.4	13.0	56.6	13.0

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	46.4	4.17	51.8	4.08	54.7	3.99	55.9	3.95	57.0	3.90	58.8	3.81	60.3	3.72
	12	46.4	4.51	51.1	4.43	53.9	4.35	55.1	4.31	56.2	4.26	58.1	4.18	59.4	4.10
	14	46.3	4.85	50.5	4.78	53.2	4.70	54.4	4.66	55.5	4.63	57.3	4.55	58.5	4.48
	16	46.3	5.19	49.8	5.13	52.5	5.06	53.7	5.02	54.8	4.99	56.5	4.92	57.7	4.85
	18	46.0	5.54	49.2	5.47	51.9	5.41	53.1	5.38	54.1	5.35	55.8	5.29	56.8	5.23
	20	45.5	5.88	48.6	5.82	51.3	5.77	52.4	5.74	53.4	5.71	54.9	5.66	56.0	5.60
	21	45.2	6.05	48.3	6.00	50.9	5.95	52.1	5.92	53.0	5.89	54.5	5.84	55.5	5.79
	23	44.7	6.39	47.7	6.35	50.3	6.30	51.4	6.28	52.3	6.26	53.6	6.21	54.7	6.17
	25	44.2	6.73	47.2	6.69	49.6	6.66	50.6	6.64	51.5	6.62	52.8	6.58	53.8	6.54
	27	43.7	7.07	46.6	7.04	49.0	7.01	49.9	7.00	50.8	6.98	51.9	6.95	53.0	6.92
	29	43.3	7.41	46.1	7.39	48.3	7.37	49.2	7.36	50.0	7.34	51.1	7.32	52.1	7.30
	31	42.8	7.76	45.6	7.74	47.6	7.72	48.4	7.71	49.2	7.71	50.2	7.69	51.2	7.67
	33	42.4	8.10	45.0	8.09	46.9	8.08	47.7	8.07	48.3	8.07	49.4	8.06	50.4	8.05
	35	42.0	8.44	44.5	8.44	46.3	8.43	46.9	8.43	47.5	8.43	48.5	8.43	49.5	8.43
	37	42.0	9.12	44.5	9.13	46.3	9.12	46.9	9.11	47.5	9.09	48.5	9.06	49.5	9.01
	39	42.0	10.1	44.5	10.1	46.3	10.1	46.9	10.0	47.5	10.0	48.5	9.96	49.5	9.88
60%	10	39.7	2.89	44.2	2.74	46.7	2.59	47.7	2.52	48.7	2.45	50.4	2.30	51.6	2.15
	12	39.6	3.17	43.6	3.03	46.1	2.89	47.2	2.82	48.2	2.75	49.8	2.62	50.9	2.48
	14	39.6	3.46	43.1	3.33	45.6	3.19	46.6	3.13	47.6	3.06	49.1	2.93	50.2	2.80
	16	39.6	3.74	42.6	3.62	45.0	3.49	46.1	3.43	47.0	3.37	48.5	3.25	49.4	3.12
	18	39.4	4.02	42.2	3.91	44.5	3.79	45.5	3.74	46.4	3.68	47.8	3.56	48.7	3.45
	20	38.9	4.31	41.7	4.20	43.9	4.09	44.9	4.04	45.8	3.99	47.1	3.88	48.0	3.77
	21	38.7	4.45	41.4	4.35	43.7	4.24	44.6	4.19	45.4	4.14	46.7	4.04	47.6	3.93
	23	38.3	4.73	40.9	4.64	43.1	4.54	44.0	4.49	44.8	4.45	46.0	4.35	46.9	4.26
	25	37.8	5.02	40.4	4.93	42.5	4.84	43.4	4.80	44.2	4.75	45.2	4.67	46.1	4.58
	27	37.3	5.30	39.9	5.22	42.0	5.14	42.8	5.10	43.5	5.06	44.5	4.98	45.4	4.90
	29	36.9	5.58	39.4	5.51	41.4	5.44	42.2	5.40	42.8	5.37	43.8	5.30	44.7	5.23
	31	36.6	5.87	38.9	5.80	40.8	5.74	41.5	5.71	42.2	5.68	43.0	5.61	43.9	5.55
	33	36.2	6.15	38.5	6.09	40.2	6.04	40.9	6.01	41.4	5.98	42.3	5.93	43.2	5.88
	35	35.8	6.43	38.1	6.39	39.7	6.34	40.2	6.32	40.7	6.29	41.6	6.25	42.5	6.20
	37	35.8	6.99	38.1	6.95	39.7	6.89	40.2	6.86	40.7	6.83	41.6	6.77	42.5	6.70
	39	35.8	7.73	38.1	7.69	39.7	7.64	40.2	7.61	40.7	7.57	41.6	7.48	42.5	7.36
50%	10	33.1	2.56	36.7	2.54	38.8	2.49	39.8	2.46	40.6	2.41	42.0	2.30	43.0	2.15
	12	33.0	2.60	36.3	2.56	38.4	2.49	39.3	2.45	40.1	2.40	41.5	2.29	42.4	2.15
	14	33.0	2.66	35.9	2.60	38.0	2.53	38.9	2.48	39.6	2.43	40.9	2.31	41.8	2.18
	16	33.0	2.75	35.5	2.68	37.5	2.59	38.4	2.54	39.1	2.49	40.4	2.37	41.2	2.24
	18	32.8	2.86	35.1	2.78	37.1	2.68	37.9	2.63	38.6	2.58	39.9	2.46	40.6	2.34
	20	32.4	3.00	34.7	2.91	36.6	2.81	37.4	2.76	38.1	2.70	39.2	2.59	40.0	2.47
	21	32.2	3.08	34.5	2.99	36.4	2.89	37.2	2.83	37.9	2.78	38.9	2.66	39.7	2.55
	23	31.9	3.26	34.1	3.16	35.9	3.06	36.7	3.01	37.3	2.95	38.3	2.84	39.1	2.73
	25	31.5	3.47	33.7	3.37	35.4	3.26	36.2	3.21	36.8	3.16	37.7	3.05	38.4	2.94
	27	31.1	3.70	33.3	3.60	35.0	3.50	35.7	3.45	36.3	3.40	37.1	3.29	37.8	3.19
	29	30.7	3.96	32.8	3.86	34.5	3.77	35.1	3.72	35.7	3.67	36.5	3.57	37.2	3.47
	31	30.3	4.25	32.4	4.16	34.0	4.06	34.6	4.02	35.1	3.97	35.9	3.88	36.6	3.79
	33	29.9	4.56	31.9	4.48	33.5	4.39	34.1	4.35	34.5	4.31	35.3	4.22	36.0	4.13
	35	29.5	4.90	31.5	4.83	33.0	4.76	33.5	4.72	33.9	4.68	34.6	4.60	35.4	4.52
	37	29.5	5.38	31.5	5.31	33.0	5.23	33.5	5.20	33.9	5.17	34.6	5.11	35.4	5.06
	39	29.5	5.99	31.5	5.92	33.0	5.85	33.5	5.81	33.9	5.77	34.6	5.68	35.4	5.58
40%	10	26.5	1.99	28.9	1.98	30.3	1.94	30.9	1.91	31.6	1.87	32.9	1.78	34.0	1.67
	12	26.4	2.02	28.6	1.99	29.9	1.94	30.6	1.91	31.2	1.87	32.4	1.78	33.5	1.67
	14	26.4	2.07	28.2	2.02	29.6	1.96	30.2	1.93	30.8	1.89	32.0	1.80	33.0	1.69
	16	26.3	2.14	27.9	2.08	29.2	2.01	29.9	1.98	30.5	1.93	31.5	1.84	32.5	1.74
	18	26.1	2.23	27.6	2.16	28.9	2.09	29.5	2.05	30.1	2.01	31.1	1.92	32.0	1.82
	20	25.8	2.34	27.3	2.26	28.6	2.19	29.2	2.14	29.8	2.10	30.7	2.01	31.5	1.92
	21	25.6	2.40	27.1	2.32	28.4	2.24	29.0	2.20	29.6	2.16	30.5	2.07	31.2	1.98
	23	25.3	2.54	26.8	2.46	28.1	2.38	28.7	2.34	29.2	2.29	30.0	2.21	30.7	2.12
	25	25.0	2.70	26.5	2.62	27.8	2.54	28.4	2.50	28.9	2.45	29.6	2.37	30.3	2.29
	27	24.6	2.88	26.2	2.80	27.5	2.72	28.1	2.68	28.5	2.64	29.2	2.56	29.8	2.48
	29	24.3	3.08	26.0	3.00	27.2	2.93	27.7	2.89	28.2	2.85	28.8	2.78	29.4	2.70
	31	24.0	3.30	25.7	3.23	26.9	3.16	27.4	3.12	27.8	3.09	28.4	3.02	28.9	2.94
	33	23.8	3.54	25.4	3.48	26.7	3.42	27.1	3.38	27.5	3.35	28.0	3.28	28.5	3.21
	35	23.5	3.81	25.1	3.75	26.4	3.70	26.8	3.67	27.1	3.64	27.6	3.58	28.1	3.51
	37	23.5	4.24	25.1	4.17	26.4	4.10	26.8	4.07	27.1	4.04	27.6	3.97	28.1	3.91
	39	23.5	4.74	25.1	4.67	26.4	4.60	26.8	4.56	27.1	4.53	27.6	4.45	28.1	4.37
30%	10	21.3	1.42	22.3	1.41	23.5	1.38	24.2	1.36	24.9	1.34	26.6	1.27	28.5	1.19
	12	21.0	1.44	22.0	1.42	23.2	1.38	23.9	1.36	24.6	1.33	26.2	1.27	28.0	1.19
	14	20.6	1.48	21.6	1.44	22.9	1.40	23.5	1.38	24.3	1.35	25.8	1.28	27.6	1.21
	16	20.3	1.52	21.3	1.49	22.5	1.44	23.2	1.41	23.9	1.38	25.5	1.32	27.2	1.24
	18	19.9	1.59	21.0	1.54	22.2	1.49	22.9	1.46	23.6	1.43	25.1	1.37	26.8	1.30
	20	19.6	1.67	20.7	1.61	21.9	1.56	22.6	1.53	23.2	1.50	24.7	1.44	26.4	1.37
	21	19.4	1.71	20.5	1.66	21.7	1.60	22.4	1.57	23.1	1.54	24.6	1.48	26.1	1.41
	23	19.0	1.81	20.2	1.75	21.4	1.70	22.1	1.67	22.7	1.64	24.2	1.58	25.7	1.51
	25	18.7	1.93	19.8	1.87	21.1	1.81	21.7	1.78	22.4	1.75	23.8	1.69	25.3	1.63
	27	18.3	2.05	19.5	2.00	20.8	1.94	21.4	1.91	22.1	1.88	23.4	1.83	24.9	1.77
	29	18.0	2.20	19.2	2.14	20.4	2.09	21.1	2.06	21.7	2.04	23.1	1.98	24.5	1.93
	31	17.6	2.36	18.9	2.31	20.1	2.26	20.8	2.23	21.4	2.20	22.7	2.15	24.0	2.10
	33	17.3	2.53	18.5	2.48	19.8	2.44	20.4	2.42	21.1	2.39	22.3	2.34	23.6	2.29
	35	16.9	2.72	18.2	2.68	19.5	2.64	20.1	2.62	20.7	2.60	22.0	2.55	23.2	2.51
	37	16.9	3.09	18.2	3.03	19.5	2.97	20.1	2.94	20.7	2.91	22.0	2.84	23.2	2.77
	39	16.9	3.49	18.2	3.42	19.5	3.35	20.1	3.32	20.7	3.28	22.0	3.22	23.2	3.15

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ☐ shows rated condition.

RXQ26AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	83.8	11.0	89.5	11.1	94.0	11.3	95.4	11.3	96.5	11.4	98.4	11.6	100	11.7
	12	82.8	11.6	88.4	11.8	92.5	11.9	93.8	12.0	94.9	12.1	96.8	12.2	98.7	12.3
	14	81.8	12.3	87.2	12.4	91.0	12.5	92.3	12.6	93.3	12.7	95.3	12.8	97.1	13.0
	16	80.8	12.9	86.0	13.0	89.6	13.2	90.8	13.3	91.8	13.3	93.7	13.5	95.5	13.6
	18	79.8	13.5	84.9	13.7	88.2	13.8	89.3	13.9	90.3	14.0	92.2	14.1	94.0	14.2
	20	78.8	14.1	83.7	14.3	86.8	14.5	87.9	14.5	88.9	14.6	90.8	14.7	92.6	14.9
	21	78.3	14.4	83.1	14.6	86.1	14.8	87.1	14.8	88.1	14.9	90.1	15.0	92.0	15.2
	23	77.3	15.0	81.9	15.2	84.8	15.4	85.8	15.5	86.8	15.5	88.7	15.7	90.6	15.8
	25	76.2	15.5	80.7	15.8	83.4	16.0	84.4	16.1	85.4	16.2	87.3	16.3	89.3	16.4
	27	75.2	16.2	79.5	16.4	82.1	16.7	83.1	16.7	84.1	16.8	85.9	16.9	87.9	17.1
	29	74.2	16.8	78.4	17.1	80.8	17.3	81.8	17.4	82.8	17.4	84.6	17.6	86.6	17.7
	31	73.1	17.5	77.2	17.7	79.6	17.9	80.6	18.0	81.5	18.1	83.3	18.2	85.2	18.3
	33	72.1	18.2	76.0	18.5	78.3	18.6	79.3	18.6	80.3	18.7	82.1	18.8	83.9	19.0
	35	71.0	19.0	74.7	19.1	77.1	19.2	78.1	19.3	79.1	19.3	80.8	19.5	82.6	19.6
	37	69.9	19.6	73.5	19.7	75.9	19.9	76.9	19.9	77.9	20.0	79.6	20.1	81.2	20.8
	39	68.9	20.2	72.3	20.4	74.7	20.5	75.7	20.6	76.7	21.0	78.4	21.3	79.9	21.5
120%	10	81.1	10.9	87.1	11.1	91.8	11.2	93.7	11.3	95.2	11.4	97.0	11.5	98.6	11.7
	12	80.0	11.6	85.9	11.7	90.4	11.9	92.2	12.0	93.5	12.0	95.4	12.2	97.0	12.3
	14	79.0	12.2	84.7	12.4	89.1	12.5	90.7	12.6	92.0	12.7	93.8	12.8	95.4	13.0
	16	78.1	12.8	83.5	13.0	87.7	13.2	89.2	13.2	90.4	13.3	92.3	13.5	93.9	13.6
	18	77.3	13.5	82.4	13.6	86.4	13.8	87.8	13.9	88.9	14.0	90.8	14.1	92.4	14.3
	20	76.4	14.1	81.3	14.3	85.1	14.4	86.4	14.5	87.5	14.6	89.3	14.8	91.0	14.9
	21	75.9	14.4	80.7	14.6	84.5	14.8	85.7	14.8	86.8	14.9	88.6	15.1	90.3	15.3
	23	75.0	14.9	79.6	15.1	83.2	15.4	84.4	15.5	85.4	15.6	87.2	15.7	89.0	15.9
	25	74.1	15.5	78.6	15.7	81.9	16.0	83.0	16.1	84.0	16.2	85.8	16.4	87.6	16.5
	27	73.1	16.1	77.5	16.3	80.7	16.6	81.7	16.7	82.7	16.8	84.4	17.0	86.3	17.2
	29	72.2	16.8	76.4	17.0	79.4	17.2	80.4	17.4	81.3	17.5	83.1	17.7	84.9	17.8
	31	71.2	17.4	75.3	17.7	78.2	17.9	79.2	18.0	80.1	18.1	81.8	18.3	83.6	18.5
	33	70.2	18.1	74.2	18.4	76.9	18.6	77.9	18.7	78.8	18.8	80.5	19.0	82.3	19.1
	35	69.2	18.9	73.2	19.0	75.7	19.2	76.7	19.3	77.6	19.4	79.2	19.6	80.9	19.8
	37	68.2	19.5	72.1	19.7	74.5	19.9	75.5	20.0	76.4	20.1	78.0	20.6	79.6	20.8
	39	67.2	20.1	71.1	20.3	73.3	20.5	74.3	20.6	75.2	21.0	76.8	21.3	78.2	21.6
110%	10	78.4	10.9	84.4	11.1	89.2	11.2	91.3	11.3	93.1	11.4	95.5	11.5	97.0	11.7
	12	77.3	11.5	83.3	11.7	88.0	11.9	89.9	11.9	91.6	12.0	93.9	12.2	95.4	12.4
	14	76.4	12.1	82.1	12.3	86.7	12.5	88.6	12.6	90.2	12.7	92.3	12.8	93.8	13.0
	16	75.6	12.8	81.0	13.0	85.5	13.1	87.3	13.2	88.7	13.3	90.8	13.5	92.3	13.7
	18	74.7	13.4	79.9	13.6	84.3	13.8	86.0	13.9	87.3	14.0	89.3	14.2	90.8	14.3
	20	73.9	14.0	78.9	14.2	83.1	14.4	84.7	14.5	86.0	14.6	87.8	14.8	89.3	15.0
	21	73.4	14.3	78.4	14.5	82.4	14.7	84.0	14.8	85.3	14.9	87.1	15.1	88.7	15.3
	23	72.6	14.9	77.4	15.1	81.3	15.3	82.8	15.4	83.9	15.5	85.6	15.8	87.3	16.0
	25	71.7	15.4	76.4	15.6	80.1	15.9	81.5	16.0	82.6	16.1	84.2	16.4	86.0	16.7
	27	70.8	16.0	75.4	16.3	78.9	16.5	80.2	16.6	81.3	16.8	82.9	17.1	84.6	17.3
	29	69.9	16.7	74.4	16.9	77.7	17.2	79.0	17.3	79.9	17.5	81.5	17.8	83.3	18.0
	31	69.0	17.4	73.3	17.6	76.5	17.9	77.7	18.0	78.6	18.1	80.2	18.4	82.0	18.6
	33	68.1	18.1	72.2	18.3	75.4	18.6	76.5	18.7	77.4	18.8	78.9	19.1	80.6	19.3
	35	67.1	18.7	71.2	19.0	74.2	19.2	75.2	19.4	76.1	19.5	77.6	19.7	79.3	20.0
	37	66.2	19.4	70.3	19.6	73.1	19.9	74.0	20.0	74.8	20.1	76.4	20.4	77.9	20.9
	39	65.2	20.0	69.3	20.3	71.9	20.5	72.8	20.7	73.6	21.0	75.1	21.3	76.6	21.6
100%	10	73.1	10.8	81.7	11.0	86.5	11.2	88.6	11.3	90.4	11.4	93.5	11.5	95.3	11.7
	12	72.8	11.5	80.6	11.6	85.3	11.8	87.3	11.9	89.1	12.0	92.0	12.2	93.7	12.4
	14	72.6	12.1	79.4	12.3	84.1	12.5	86.1	12.6	87.8	12.7	90.5	12.9	92.1	13.0
	16	72.4	12.7	78.3	12.9	82.9	13.1	84.8	13.2	86.5	13.3	89.0	13.5	90.6	13.7
	18	72.0	13.3	77.3	13.5	81.7	13.8	83.6	13.9	85.2	14.0	87.6	14.2	89.1	14.4
	20	71.2	14.0	76.2	14.2	80.6	14.4	82.4	14.5	83.9	14.6	86.2	14.9	87.7	15.1
	21	70.8	14.2	75.7	14.4	80.0	14.6	81.8	14.8	83.3	14.9	85.5	15.1	87.0	15.4
	23	69.9	14.8	74.8	15.0	78.9	15.2	80.6	15.3	82.0	15.5	84.1	15.7	85.7	16.0
	25	69.1	15.4	73.9	15.6	77.8	15.8	79.4	15.9	80.8	16.1	82.7	16.3	84.3	16.6
	27	68.3	16.0	73.0	16.2	76.7	16.4	78.2	16.6	79.6	16.7	81.4	17.0	83.0	17.3
	29	67.4	16.6	72.0	16.8	75.6	17.1	77.1	17.2	78.3	17.4	80.0	17.7	81.7	18.0
	31	66.6	17.3	71.0	17.5	74.5	17.8	75.9	17.9	77.1	18.1	78.7	18.4	80.3	18.7
	33	65.7	18.0	70.0	18.2	73.4	18.5	74.7	18.6	75.7	18.8	77.4	19.1	79.0	19.4
	35	64.8	18.6	69.0	18.9	72.3	19.2	73.5	19.4	74.5	19.5	76.0	19.8	77.6	20.2
	37	63.9	19.3	68.0	19.6	71.2	19.9	72.3	20.1	73.2	20.2	74.7	20.5	76.3	20.9
	39	63.0	19.9	67.0	20.2	70.1	20.5	71.2	20.7	72.0	20.9	73.4	21.3	74.9	21.7
90%	10	65.4	8.52	73.1	8.57	77.3	8.61	79.1	8.63	80.7	8.66	83.4	8.70	85.0	8.74
	12	65.3	9.04	72.1	9.09	76.3	9.14	78.0	9.17	79.6	9.19	82.1	9.24	83.8	9.30
	14	65.2	9.55	71.2	9.61	75.2	9.67	76.9	9.70	78.4	9.73	80.8	9.79	82.6	9.85
	16	65.1	10.1	70.3	10.1	74.2	10.2	75.9	10.2	77.3	10.3	79.7	10.3	81.4	10.4
	18	64.8	10.6	69.4	10.7	73.2	10.7	74.9	10.8	76.3	10.8	78.7	10.9	80.1	11.0
	20	64.0	11.1	68.6	11.2	72.3	11.3	73.9	11.3	75.3	11.3	77.5	11.4	78.9	11.5
	21	63.7	11.3	68.2	11.4	71.9	11.5	73.4	11.6	74.8	11.6	76.9	11.7	78.3	11.8
	23	62.9	11.9	67.3	12.0	70.9	12.1	72.4	12.1	73.7	12.1	75.7	12.2	77.1	12.3
	25	62.2	12.4	66.5	12.5	70.0	12.6	71.4	12.6	72.7	12.7	74.5	12.8	75.9	12.9
	27	61.4	12.9	65.7	13.0	69.0	13.1	70.4	13.2	71.6	13.2	73.3	13.3	74.7	13.4
	29	60.7	13.4	64.8	13.5	68.1	13.6	69.4	13.7	70.5	13.8	72.0	13.9	73.5	14.0
	31	59.9	13.9	64.0	14.0	67.1	14.2	68.3	14.2	69.4	14.3	70.8	14.4	72.3	14.5
	33	59.3	14.4	63.2	14.6	66.1	14.7	67.3	14.8	68.2	14.8	69.6	15.0	71.1	15.1
	35	58.7	14.9	62.4	15.1	65.2	15.2	66.2	15.3	67.0	15.4	68.4	15.5	69.9	15.7
	37	58.7	16.4	62.4	16.6	65.2	16.8	66.2	16.8	67.0	16.9	68.4	17.0	69.9	17.1
	39	58.7	18.2	62.4	18.3	65.2	18.5	66.2	18.5	67.0	18.6	68.4	18.7	69.9	18.7
80%	10	58.2	6.42	65.0	6.39	68.7	6.36	70.2	6.34	71.6	6.33	73.9	6.30	75.5	6.27
	12	58.1	6.86	64.1	6.84	67.8	6.82	69.3	6.81	70.6	6.80	72.8	6.77	74.5	6.75
	14	58.1	7.31	63.3	7.29	66.8	7.28	68.3	7.27	69.6	7.26	71.9	7.25	73.4	7.23
	16	58.0	7.76	62.5	7.75	66.0	7.74	67.4	7.74	68.7	7.73	70.9	7.72	72.3	7.72
	18	57.7	8.20	61.7	8.20	65.1	8.20	66.5	8.20	67.8	8.20	70.0	8.20	71.2	8.20
	20	57.0	8.65	61.0	8.66	64.3	8.66	65.7	8.67	66.9	8.67	68.9	8.68	70.2	8.68
	21	56.6	8.87	60.6	8.88	63.9	8.89	65.3	8.90	66.5	8.90	68.3	8.91	69.6	8.92
	23	56.0	9.32	59.9	9.34	63.1	9.35	64.4	9.36	65.5	9.37	67.3	9.39	68.6	9.41
	25	55.4	9.76	59.1	9.79	62.2	9.82	63.5	9.83	64.6	9.84	66.2	9.87	67.5	9.89
	27	54.8	10.2	58.4	10.2	61.4	10.3	62.6	10.3	63.6	10.3	65.1	10.3	66.4	10.4
	29	54.2	10.7	57.7	10.7	60.5	10.7	61.7	10.8	62.7	10.8	64.0	10.8	65.3	10.9
	31	53.6	11.1	57.1	11.2	59.6	11.2	60.7	11.2	61.7	11.2	63.0	11.3	64.3	11.3
	33	53.1	11.6	56.4	11.6	58.8	11.7	59.8	11.7	60.6	11.7	61.9	11.8	63.2	11.8
	35	52.5	12.0	55.7	12.1	58.0	12.1	58.8	12.2	59.5	12.2	60.8	12.2	62.1	12.3
	37	52.5	13.1	55.7	13.1	58.0	13.2	58.8	13.2	59.5	13.2	60.8	13.3	62.1	13.3
	39	52.5	14.4	55.7	14.5	58.0	14.5	58.8	14.5	59.5	14.6	60.8	14.5	62.1	14.5

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	50.9	4.65	56.8	4.55	60.0	4.45	61.3	4.40	62.5	4.35	64.5	4.25	66.1	4.15
	12	50.9	5.03	56.1	4.94	59.2	4.85	60.5	4.80	61.6	4.75	63.7	4.66	65.2	4.57
	14	50.8	5.41	55.3	5.33	58.4	5.24	59.7	5.20	60.9	5.16	62.9	5.07	64.2	4.99
	16	50.8	5.79	54.7	5.72	57.6	5.64	58.9	5.60	60.1	5.56	62.0	5.49	63.3	5.41
	18	50.5	6.17	54.0	6.10	56.9	6.04	58.2	6.00	59.3	5.97	61.2	5.90	62.3	5.83
	20	49.9	6.55	53.3	6.49	56.2	6.43	57.5	6.40	58.6	6.37	60.3	6.31	61.4	6.25
	21	49.6	6.74	53.0	6.69	55.9	6.63	57.1	6.60	58.2	6.57	59.8	6.52	60.9	6.46
	23	49.0	7.12	52.4	7.07	55.2	7.03	56.3	7.00	57.4	6.98	58.9	6.93	60.0	6.88
	25	48.5	7.50	51.8	7.46	54.4	7.42	55.6	7.40	56.5	7.38	57.9	7.34	59.0	7.30
	27	48.0	7.89	51.2	7.85	53.7	7.82	54.8	7.80	55.7	7.78	57.0	7.75	58.1	7.72
	29	47.5	8.27	50.6	8.24	52.9	8.21	54.0	8.20	54.8	8.19	56.0	8.16	57.2	8.14
	31	47.0	8.65	50.0	8.63	52.2	8.61	53.1	8.60	54.0	8.59	55.1	8.57	56.2	8.56
	33	46.5	9.03	49.4	9.02	51.5	9.01	52.3	9.00	53.0	9.00	54.1	8.99	55.3	8.97
	35	46.1	9.41	48.8	9.41	50.8	9.40	51.5	9.40	52.1	9.40	53.2	9.40	54.3	9.39
	37	46.1	10.2	48.8	10.2	50.8	10.2	51.5	10.2	52.1	10.1	53.2	10.1	54.3	10.0
	39	46.1	11.2	48.8	11.2	50.8	11.2	51.5	11.2	52.1	11.2	53.2	11.1	54.3	11.0
60%	10	43.5	3.22	48.5	3.06	51.2	2.89	52.3	2.81	53.5	2.73	55.3	2.56	56.7	2.40
	12	43.5	3.54	47.9	3.38	50.6	3.23	51.8	3.15	52.8	3.07	54.6	2.92	55.8	2.76
	14	43.4	3.85	47.3	3.71	50.0	3.56	51.1	3.49	52.2	3.41	53.9	3.27	55.0	3.12
	16	43.4	4.17	46.8	4.03	49.4	3.89	50.5	3.83	51.5	3.76	53.2	3.62	54.2	3.48
	18	43.2	4.49	46.2	4.36	48.8	4.23	49.9	4.16	50.9	4.10	52.5	3.97	53.4	3.84
	20	42.7	4.80	45.7	4.68	48.2	4.56	49.3	4.50	50.2	4.44	51.7	4.32	52.6	4.20
	21	42.5	4.96	45.4	4.84	47.9	4.73	48.9	4.67	49.9	4.61	51.3	4.50	52.2	4.38
	23	42.0	5.28	44.9	5.17	47.3	5.06	48.3	5.01	49.2	4.96	50.4	4.85	51.4	4.75
	25	41.5	5.59	44.3	5.49	46.7	5.40	47.6	5.35	48.5	5.30	49.6	5.20	50.6	5.11
	27	41.0	5.91	43.8	5.82	46.0	5.73	46.9	5.69	47.7	5.64	48.8	5.56	49.8	5.47
	29	40.5	6.22	43.2	6.14	45.4	6.07	46.3	6.03	47.0	5.99	48.0	5.91	49.0	5.83
	31	40.1	6.54	42.7	6.47	44.7	6.40	45.6	6.36	46.3	6.33	47.2	6.26	48.2	6.19
	33	39.7	6.86	42.2	6.79	44.1	6.73	44.8	6.70	45.4	6.67	46.4	6.61	47.4	6.55
	35	39.3	7.17	41.7	7.12	43.5	7.07	44.1	7.04	44.6	7.02	45.6	6.96	46.6	6.91
	37	39.3	7.80	41.7	7.74	43.5	7.69	44.1	7.65	44.6	7.62	45.6	7.55	46.6	7.47
	39	39.3	8.61	41.7	8.58	43.5	8.52	44.1	8.48	44.6	8.44	45.6	8.33	46.6	8.21
50%	10	36.4	2.86	40.3	2.84	42.6	2.78	43.6	2.74	44.5	2.69	46.1	2.56	47.2	2.40
	12	36.2	2.90	39.8	2.85	42.1	2.78	43.1	2.73	44.0	2.68	45.5	2.55	46.5	2.39
	14	36.2	2.97	39.4	2.90	41.7	2.82	42.6	2.77	43.5	2.71	44.9	2.58	45.9	2.43
	16	36.2	3.06	39.0	2.98	41.2	2.89	42.1	2.83	42.9	2.77	44.3	2.64	45.2	2.50
	18	36.0	3.19	38.5	3.10	40.7	2.99	41.6	2.94	42.4	2.88	43.7	2.75	44.5	2.61
	20	35.6	3.35	38.1	3.25	40.2	3.13	41.1	3.07	41.8	3.01	43.0	2.89	43.9	2.75
	21	35.4	3.44	37.9	3.33	39.9	3.22	40.8	3.16	41.5	3.10	42.7	2.97	43.5	2.84
	23	35.0	3.64	37.4	3.53	39.4	3.41	40.2	3.35	41.0	3.29	42.0	3.17	42.8	3.04
	25	34.6	3.87	36.9	3.75	38.9	3.64	39.7	3.58	40.4	3.52	41.4	3.40	42.2	3.28
	27	34.1	4.13	36.5	4.02	38.4	3.90	39.1	3.84	39.8	3.79	40.7	3.67	41.5	3.56
	29	33.7	4.42	36.0	4.31	37.8	4.20	38.5	4.14	39.2	4.09	40.0	3.98	40.8	3.87
	31	33.3	4.73	35.5	4.63	37.3	4.53	38.0	4.48	38.5	4.43	39.4	4.33	40.2	4.22
	33	32.9	5.08	35.0	4.99	36.7	4.90	37.4	4.85	37.9	4.81	38.7	4.71	39.5	4.61
	35	32.4	5.46	34.5	5.38	36.2	5.30	36.8	5.26	37.2	5.22	38.0	5.13	38.8	5.04
	37	32.4	6.00	34.5	5.92	36.2	5.84	36.8	5.80	37.2	5.76	38.0	5.70	38.8	5.64
	39	32.4	6.68	34.5	6.60	36.2	6.52	36.8	6.48	37.2	6.43	38.0	6.33	38.8	6.23
40%	10	29.1	2.22	31.7	2.20	33.2	2.16	33.9	2.13	34.6	2.09	36.1	1.99	37.3	1.86
	12	29.0	2.25	31.3	2.22	32.8	2.16	33.5	2.13	34.2	2.08	35.6	1.98	36.7	1.86
	14	28.9	2.31	31.0	2.26	32.5	2.19	33.1	2.15	33.8	2.11	35.1	2.00	36.2	1.89
	16	28.9	2.38	30.6	2.32	32.1	2.24	32.8	2.20	33.4	2.16	34.6	2.06	35.6	1.94
	18	28.6	2.48	30.3	2.41	31.7	2.33	32.4	2.28	33.0	2.24	34.1	2.14	35.1	2.03
	20	28.3	2.60	29.9	2.52	31.4	2.44	32.0	2.39	32.6	2.34	33.7	2.24	34.5	2.14
	21	28.1	2.67	29.7	2.59	31.2	2.50	31.9	2.46	32.4	2.41	33.4	2.31	34.3	2.21
	23	27.7	2.83	29.4	2.74	30.9	2.65	31.5	2.61	32.1	2.56	33.0	2.46	33.7	2.36
	25	27.4	3.01	29.1	2.92	30.5	2.83	31.1	2.78	31.7	2.74	32.5	2.64	33.2	2.55
	27	27.0	3.21	28.8	3.12	30.2	3.03	30.8	2.99	31.3	2.94	32.1	2.85	32.7	2.76
	29	26.7	3.43	28.5	3.35	29.9	3.26	30.4	3.22	30.9	3.18	31.6	3.09	32.2	3.01
	31	26.4	3.68	28.2	3.60	29.6	3.52	30.1	3.48	30.5	3.44	31.2	3.36	31.7	3.28
	33	26.1	3.95	27.9	3.88	29.2	3.81	29.7	3.77	30.1	3.74	30.7	3.66	31.3	3.58
	35	25.8	4.24	27.6	4.18	28.9	4.12	29.4	4.09	29.8	4.06	30.3	3.99	30.8	3.92
	37	25.8	4.72	27.6	4.65	28.9	4.57	29.4	4.54	29.8	4.50	30.3	4.43	30.8	4.36
	39	25.8	5.29	27.6	5.21	28.9	5.13	29.4	5.09	29.8	5.05	30.3	4.96	30.8	4.87
30%	10	23.4	1.59	24.5	1.57	25.8	1.54	26.5	1.52	27.3	1.49	29.2	1.42	31.2	1.33
	12	23.0	1.61	24.1	1.58	25.4	1.54	26.2	1.52	27.0	1.49	28.8	1.41	30.8	1.33
	14	22.6	1.65	23.7	1.61	25.1	1.56	25.8	1.53	26.6	1.50	28.4	1.43	30.3	1.35
	16	22.2	1.70	23.4	1.66	24.7	1.60	25.5	1.57	26.2	1.54	27.9	1.47	29.8	1.39
	18	21.9	1.77	23.0	1.72	24.4	1.66	25.1	1.63	25.9	1.60	27.5	1.52	29.4	1.45
	20	21.5	1.86	22.7	1.80	24.0	1.74	24.7	1.71	25.5	1.67	27.1	1.60	28.9	1.53
	21	21.3	1.91	22.5	1.85	23.8	1.78	24.6	1.75	25.3	1.72	26.9	1.65	28.7	1.57
	23	20.9	2.02	22.1	1.96	23.5	1.89	24.2	1.86	24.9	1.83	26.5	1.76	28.2	1.69
	25	20.5	2.15	21.8	2.08	23.1	2.02	23.8	1.99	24.6	1.95	26.1	1.89	27.8	1.82
	27	20.1	2.29	21.4	2.23	22.8	2.16	23.5	2.13	24.2	2.10	25.7	2.04	27.3	1.97
	29	19.7	2.45	21.0	2.39	22.4	2.33	23.1	2.30	23.8	2.27	25.3	2.21	26.8	2.15
	31	19.3	2.63	20.7	2.57	22.1	2.51	22.8	2.49	23.5	2.46	24.9	2.40	26.4	2.34
	33	18.9	2.82	20.3	2.77	21.7	2.72	22.4	2.69	23.1	2.67	24.5	2.61	25.9	2.56
	35	18.5	3.03	20.0	2.99	21.4	2.94	22.1	2.92	22.7	2.90	24.1	2.85	25.4	2.79
	37	18.5	3.45	20.0	3.38	21.4	3.31	22.1	3.28	22.7	3.24	24.1	3.16	25.4	3.08
	39	18.5	3.90	20.0	3.82	21.4	3.74	22.1	3.70	22.7	3.66	24.1	3.59	25.4	3.51

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ☐ shows rated condition.

RXQ28AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	89.2	12.9	95.0	13.0	99.7	13.2	101	13.3	102	13.4	104	13.6	107	13.8
	12	88.2	13.4	93.9	13.6	98.2	13.8	99.6	13.8	101	13.9	103	14.2	105	14.4
	14	87.2	14.0	92.7	14.1	96.7	14.3	98.0	14.4	99.1	14.5	101	14.7	103	15.0
	16	86.1	14.5	91.5	14.7	95.3	14.9	96.5	15.0	97.6	15.1	99.8	15.4	102	15.6
	18	85.1	15.1	90.3	15.3	93.9	15.5	95.0	15.6	96.1	15.8	98.3	16.0	100	16.2
	20	84.1	15.7	89.1	16.0	92.4	16.2	93.5	16.3	94.6	16.4	96.8	16.6	98.9	16.9
	21	83.5	16.0	88.5	16.3	91.7	16.5	92.8	16.6	93.9	16.7	96.1	17.0	98.2	17.2
	23	82.5	16.6	87.3	16.9	90.3	17.2	91.4	17.3	92.5	17.4	94.6	17.6	96.8	17.9
	25	81.4	17.3	86.0	17.6	88.9	17.8	89.9	18.0	91.0	18.1	93.2	18.3	95.4	18.6
	27	80.3	18.0	84.8	18.3	87.5	18.5	88.5	18.7	89.6	18.8	91.8	19.1	93.9	19.3
	29	79.2	18.7	83.5	19.0	86.1	19.3	87.1	19.4	88.2	19.5	90.3	19.8	92.5	20.1
	31	78.1	19.5	82.2	19.8	84.7	20.0	85.7	20.1	86.8	20.3	88.9	20.5	91.1	20.8
	33	77.0	20.3	80.8	20.6	83.3	20.8	84.4	20.9	85.4	21.0	87.5	21.3	89.6	21.6
	35	75.8	21.1	79.5	21.3	81.9	21.6	83.0	21.7	84.1	21.8	86.1	22.1	88.2	22.4
	37	74.7	21.9	78.1	22.2	80.5	22.4	81.6	22.5	82.7	22.6	84.7	22.9	86.8	23.2
	39	73.5	22.8	76.8	23.0	79.1	23.2	80.2	23.3	81.3	23.5	83.3	23.7	85.3	24.0
120%	10	86.4	12.8	92.5	13.0	97.3	13.2	99.3	13.2	101	13.3	103	13.5	105	13.7
	12	85.4	13.3	91.3	13.5	96.0	13.7	97.8	13.8	99.3	13.9	101	14.1	103	14.3
	14	84.4	13.9	90.2	14.1	94.7	14.3	96.4	14.4	97.7	14.5	99.8	14.7	102	14.9
	16	83.5	14.5	89.1	14.7	93.4	14.9	95.0	15.0	96.2	15.1	98.2	15.3	100	15.6
	18	82.5	15.1	87.9	15.3	92.0	15.5	93.6	15.6	94.7	15.7	96.7	16.0	98.7	16.2
	20	81.6	15.7	86.8	15.9	90.7	16.1	92.1	16.2	93.2	16.4	95.2	16.6	97.2	16.9
	21	81.1	16.0	86.2	16.2	90.1	16.5	91.4	16.6	92.5	16.7	94.5	16.9	96.5	17.2
	23	80.1	16.6	85.1	16.8	88.7	17.1	90.0	17.2	91.0	17.4	93.0	17.6	95.0	17.9
	25	79.1	17.2	83.9	17.5	87.4	17.8	88.6	17.9	89.6	18.1	91.6	18.3	93.6	18.6
	27	78.1	17.9	82.8	18.2	86.0	18.5	87.2	18.6	88.2	18.8	90.2	19.0	92.2	19.3
	29	77.1	18.7	81.6	18.9	84.7	19.2	85.8	19.4	86.7	19.5	88.7	19.8	90.8	20.1
	31	76.1	19.4	80.4	19.7	83.3	20.0	84.4	20.1	85.4	20.3	87.3	20.5	89.3	20.8
	33	75.0	20.2	79.2	20.5	82.0	20.7	83.0	20.9	84.0	21.0	85.9	21.3	87.9	21.6
	35	73.9	21.0	78.0	21.3	80.6	21.5	81.6	21.7	82.6	21.8	84.5	22.1	86.4	22.3
	37	72.8	21.8	76.8	22.1	79.2	22.3	80.2	22.5	81.2	22.6	83.1	22.9	85.0	23.2
	39	71.7	22.6	75.5	22.9	77.7	23.2	78.8	23.3	79.8	23.5	81.7	23.7	83.5	24.0
110%	10	83.6	12.7	89.7	12.9	94.6	13.1	96.8	13.2	98.7	13.3	101	13.5	103	13.7
	12	82.6	13.3	88.6	13.5	93.4	13.7	95.5	13.8	97.2	13.9	99.7	14.1	101	14.3
	14	81.6	13.8	87.5	14.0	92.2	14.2	94.2	14.3	95.8	14.4	98.2	14.7	99.9	14.9
	16	80.7	14.4	86.4	14.6	91.0	14.8	92.9	14.9	94.4	15.0	96.6	15.3	98.4	15.5
	18	79.8	15.0	85.3	15.2	89.8	15.4	91.6	15.6	93.1	15.7	95.1	15.9	96.9	16.2
	20	78.9	15.6	84.2	15.8	88.6	16.1	90.3	16.2	91.7	16.3	93.6	16.6	95.4	16.9
	21	78.4	15.9	83.7	16.1	88.0	16.4	89.6	16.5	91.0	16.6	92.9	16.9	94.7	17.2
	23	77.5	16.5	82.7	16.8	86.7	17.0	88.3	17.2	89.5	17.3	91.4	17.6	93.3	17.9
	25	76.6	17.2	81.6	17.4	85.5	17.7	87.0	17.8	88.1	18.0	90.0	18.3	91.9	18.6
	27	75.7	17.9	80.5	18.1	84.2	18.4	85.7	18.5	86.7	18.7	88.5	19.0	90.4	19.3
	29	74.7	18.6	79.4	18.8	83.0	19.1	84.3	19.3	85.3	19.4	87.1	19.8	89.0	20.1
	31	73.7	19.3	78.3	19.6	81.7	19.9	82.9	20.0	83.9	20.2	85.7	20.5	87.6	20.8
	33	72.8	20.1	77.2	20.4	80.4	20.7	81.6	20.8	82.5	21.0	84.3	21.3	86.1	21.6
	35	71.7	20.9	76.1	21.2	79.1	21.5	80.2	21.6	81.1	21.8	82.9	22.1	84.7	22.4
	37	70.7	21.7	74.9	22.0	77.8	22.3	78.8	22.5	79.7	22.6	81.4	22.9	83.2	23.3
	39	69.7	22.5	73.8	22.8	76.4	23.1	77.3	23.3	78.2	23.4	80.0	23.8	81.8	24.1
100%	10	77.6	12.7	86.6	12.9	91.6	13.0	93.8	13.1	95.8	13.2	99.1	13.4	101	13.6
	12	77.5	13.2	85.5	13.4	90.5	13.6	92.6	13.7	94.5	13.8	97.7	14.0	99.7	14.2
	14	77.4	13.8	84.5	14.0	89.4	14.2	91.4	14.3	93.3	14.4	96.3	14.6	98.2	14.8
	16	77.3	14.3	83.4	14.5	88.2	14.7	90.2	14.9	92.0	15.0	94.8	15.2	96.7	15.5
	18	76.9	14.9	82.4	15.1	87.1	15.4	89.0	15.5	90.8	15.6	93.5	15.9	95.1	16.1
	20	76.0	15.6	81.4	15.8	85.9	16.0	87.8	16.1	89.5	16.2	92.0	16.5	93.7	16.8
	21	75.6	15.9	80.9	16.1	85.4	16.3	87.2	16.4	88.9	16.5	91.3	16.8	93.0	17.1
	23	74.7	16.5	79.9	16.7	84.2	16.9	86.0	17.0	87.6	17.2	89.8	17.5	91.5	17.8
	25	73.8	17.1	78.9	17.3	83.1	17.6	84.8	17.7	86.3	17.9	88.4	18.2	90.1	18.5
	27	72.9	17.8	77.9	18.0	82.0	18.3	83.6	18.4	85.0	18.6	87.0	18.9	88.7	19.2
	29	72.0	18.5	76.9	18.8	80.8	19.0	82.4	19.2	83.7	19.3	85.6	19.6	87.2	20.0
	31	71.1	19.3	75.9	19.5	79.6	19.8	81.1	19.9	82.3	20.1	84.1	20.4	85.8	20.8
	33	70.2	20.0	74.8	20.3	78.4	20.6	79.8	20.8	80.9	20.9	82.7	21.2	84.4	21.6
	35	69.3	20.8	73.8	21.1	77.2	21.4	78.5	21.6	79.5	21.8	81.2	22.1	82.9	22.4
	37	68.3	21.6	72.7	21.9	76.0	22.2	77.2	22.4	78.1	22.6	79.8	22.9	81.5	23.3
	39	67.3	22.4	71.6	22.7	74.8	23.1	75.9	23.2	76.7	23.4	78.3	23.8	80.0	24.1
90%	10	69.7	10.3	77.7	10.4	82.2	10.5	84.1	10.5	85.9	10.6	88.9	10.7	90.8	10.8
	12	69.6	10.8	76.8	10.8	81.2	10.9	83.1	11.0	84.8	11.0	87.6	11.1	89.5	11.2
	14	69.6	11.2	75.9	11.3	80.2	11.4	82.1	11.5	83.7	11.5	86.4	11.6	88.2	11.8
	16	69.6	11.7	75.0	11.8	79.2	11.9	81.0	12.0	82.6	12.0	85.2	12.1	86.9	12.3
	18	69.2	12.2	74.1	12.3	78.2	12.4	80.0	12.5	81.5	12.5	84.0	12.7	85.6	12.8
	20	68.4	12.7	73.2	12.8	77.2	12.9	78.9	13.0	80.4	13.1	82.8	13.2	84.3	13.4
	21	68.0	12.9	72.8	13.1	76.8	13.2	78.4	13.3	79.9	13.4	82.1	13.5	83.7	13.7
	23	67.2	13.5	71.9	13.6	75.8	13.8	77.4	13.8	78.8	13.9	80.8	14.1	82.4	14.2
	25	66.4	14.0	71.0	14.2	74.8	14.3	76.3	14.4	77.6	14.5	79.6	14.7	81.1	14.8
	27	65.6	14.6	70.1	14.7	73.8	14.9	75.2	15.0	76.5	15.1	78.3	15.3	79.8	15.5
	29	64.8	15.2	69.2	15.3	72.7	15.5	74.1	15.6	75.3	15.7	77.0	15.9	78.5	16.1
	31	64.0	15.8	68.3	15.9	71.7	16.2	73.0	16.3	74.1	16.3	75.7	16.5	77.2	16.7
	33	63.3	16.4	67.4	16.6	70.6	16.8	71.8	16.9	72.8	17.0	74.4	17.2	75.9	17.4
	35	62.5	17.0	66.5	17.2	69.6	17.4	70.7	17.6	71.6	17.7	73.1	17.9	74.6	18.1
	37	62.5	18.4	66.5	18.6	69.6	18.8	70.7	18.9	71.6	19.0	73.1	19.2	74.6	19.4
	39	62.5	20.1	66.5	20.3	69.6	20.5	70.7	20.6	71.6	20.7	73.1	20.9	74.6	21.1
80%	10	62.0	8.20	69.1	8.19	73.1	8.19	74.7	8.20	76.3	8.21	78.9	8.24	80.7	8.29
	12	62.0	8.56	68.3	8.56	72.2	8.58	73.8	8.59	75.3	8.61	77.8	8.64	79.6	8.69
	14	61.9	8.93	67.5	8.95	71.3	8.99	72.9	9.00	74.3	9.02	76.8	9.06	78.4	9.11
	16	61.9	9.31	66.7	9.36	70.4	9.40	72.0	9.43	73.4	9.45	75.7	9.50	77.2	9.55
	18	61.6	9.71	65.9	9.77	69.5	9.84	71.1	9.87	72.5	9.89	74.7	9.95	76.1	10.0
	20	60.8	10.1	65.1	10.2	68.7	10.3	70.2	10.3	71.5	10.4	73.6	10.4	74.9	10.5
	21	60.5	10.3	64.7	10.4	68.2	10.5	69.7	10.6	71.0	10.6	73.0	10.7	74.4	10.7
	23	59.8	10.8	63.9	10.9	67.4	11.0	68.8	11.0	70.0	11.1	71.9	11.1	73.2	11.2
	25	59.1	11.2	63.2	11.4	66.5	11.5	67.8	11.5	69.0	11.6	70.7	11.6	72.1	11.7
	27	58.4	11.7	62.4	11.8	65.6	12.0	66.9	12.0	68.0	12.1	69.6	12.2	70.9	12.2
	29	57.7	12.2	61.6	12.3	64.6	12.5	65.9	12.5	66.9	12.6	68.4	12.7	69.8	12.8
	31	57.1	12.7	60.8	12.9	63.7	13.0	64.9	13.1	65.9	13.1	67.3	13.2	68.6	13.3
	33	56.4	13.2	60.0	13.4	62.8	13.5	63.9	13.6	64.7	13.7	66.1	13.8	67.5	13.9
	35	55.7	13.8	59.2	13.9	61.9	14.1	62.8	14.2	63.6	14.2	65.0	14.4	66.3	14.5
	37	55.7	14.6	59.2	14.7	61.9	14.8	62.8	14.9	63.6	14.9	65.0	15.0	66.3	15.1
	39	55.7	15.9	59.2	16.0	61.9	16.1	62.8	16.2	63.6	16.2	65.0	16.3	66.3	16.4

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	54.2	6.34	60.4	6.27	63.9	6.21	65.3	6.20	66.7	6.18	69.0	6.17	70.6	6.18
	12	54.2	6.62	59.7	6.57	63.1	6.53	64.5	6.52	65.8	6.51	68.1	6.49	69.6	6.49
	14	54.2	6.92	59.0	6.89	62.3	6.87	63.7	6.86	65.0	6.85	67.2	6.83	68.6	6.82
	16	54.2	7.23	58.3	7.22	61.6	7.21	63.0	7.20	64.2	7.20	66.2	7.19	67.6	7.17
	18	53.9	7.56	57.6	7.57	60.8	7.57	62.2	7.57	63.4	7.56	65.4	7.55	66.6	7.54
	20	53.2	7.91	57.0	7.93	60.1	7.94	61.4	7.94	62.6	7.94	64.4	7.94	65.6	7.92
	21	52.9	8.09	56.6	8.11	59.7	8.13	61.0	8.13	62.1	8.14	63.9	8.13	65.1	8.12
	23	52.3	8.45	55.9	8.49	58.9	8.52	60.2	8.53	61.3	8.54	62.9	8.54	64.1	8.53
	25	51.7	8.83	55.3	8.88	58.2	8.92	59.4	8.94	60.4	8.95	61.9	8.96	63.1	8.96
	27	51.1	9.23	54.6	9.29	57.4	9.34	58.5	9.36	59.5	9.37	60.9	9.39	62.1	9.40
	29	50.5	9.64	53.9	9.71	56.6	9.77	57.7	9.79	58.6	9.81	59.9	9.84	61.1	9.86
	31	50.0	10.1	53.2	10.1	55.7	10.2	56.8	10.2	57.6	10.3	58.9	10.3	60.1	10.3
	33	49.4	10.5	52.6	10.6	54.9	10.7	55.9	10.7	56.6	10.7	57.9	10.8	59.1	10.8
	35	48.8	11.0	51.9	11.0	54.1	11.1	55.0	11.2	55.7	11.2	56.9	11.3	58.1	11.3
	37	48.8	11.6	51.9	11.6	54.1	11.6	55.0	11.7	55.7	11.7	56.9	11.7	58.1	11.7
	39	48.8	12.5	51.9	12.6	54.1	12.6	55.0	12.6	55.7	12.7	56.9	12.7	58.1	12.7
60%	10	46.4	4.74	51.7	4.63	54.7	4.54	55.9	4.51	57.1	4.48	59.1	4.44	60.5	4.43
	12	46.4	4.96	51.1	4.87	54.0	4.79	55.3	4.76	56.4	4.73	58.4	4.68	59.7	4.65
	14	46.4	5.20	50.5	5.12	53.4	5.05	54.6	5.02	55.7	4.99	57.6	4.94	58.8	4.89
	16	46.4	5.45	50.0	5.38	52.8	5.32	54.0	5.29	55.1	5.26	56.8	5.21	57.9	5.16
	18	46.1	5.72	49.4	5.66	52.1	5.61	53.3	5.58	54.3	5.55	56.0	5.49	57.1	5.44
	20	45.6	6.00	48.8	5.95	51.5	5.91	52.6	5.88	53.6	5.85	55.2	5.80	56.2	5.74
	21	45.3	6.14	48.5	6.10	51.2	6.06	52.3	6.04	53.3	6.01	54.7	5.95	55.8	5.89
	23	44.8	6.45	48.0	6.41	50.5	6.38	51.6	6.36	52.5	6.34	53.9	6.28	54.9	6.22
	25	44.3	6.76	47.4	6.74	49.9	6.71	50.9	6.69	51.8	6.67	53.0	6.62	54.1	6.57
	27	43.8	7.09	46.8	7.08	49.2	7.06	50.2	7.04	51.0	7.03	52.2	6.98	53.2	6.93
	29	43.3	7.44	46.2	7.43	48.5	7.42	49.4	7.41	50.2	7.39	51.3	7.36	52.3	7.31
	31	42.8	7.80	45.6	7.79	47.8	7.79	48.7	7.78	49.4	7.77	50.5	7.75	51.5	7.72
	33	42.3	8.17	45.0	8.17	47.1	8.17	47.9	8.17	48.6	8.17	49.6	8.16	50.6	8.14
	35	41.8	8.56	44.4	8.56	46.4	8.57	47.1	8.58	47.7	8.58	48.7	8.58	49.8	8.58
	37	41.8	8.95	44.4	8.94	46.4	8.92	47.1	8.91	47.7	8.91	48.7	8.89	49.8	8.86
	39	41.8	9.72	44.4	9.72	46.4	9.71	47.1	9.70	47.7	9.69	48.7	9.66	49.8	9.62
50%	10	38.7	3.73	43.0	3.69	45.5	3.67	46.6	3.66	47.6	3.66	49.3	3.66	50.4	3.66
	12	38.7	3.80	42.6	3.76	45.0	3.72	46.1	3.70	47.0	3.69	48.6	3.67	49.7	3.65
	14	38.7	3.91	42.1	3.85	44.5	3.80	45.5	3.77	46.5	3.75	48.0	3.71	49.0	3.68
	16	38.7	4.04	41.6	3.97	44.0	3.91	45.0	3.88	45.9	3.85	47.3	3.80	48.3	3.75
	18	38.5	4.19	41.2	4.12	43.4	4.05	44.4	4.02	45.3	3.98	46.7	3.92	47.6	3.85
	20	38.0	4.38	40.7	4.30	42.9	4.22	43.9	4.18	44.7	4.15	46.0	4.07	46.8	4.00
	21	37.8	4.48	40.4	4.40	42.6	4.32	43.6	4.28	44.4	4.24	45.6	4.16	46.5	4.08
	23	37.4	4.71	40.0	4.62	42.1	4.54	43.0	4.50	43.8	4.45	44.9	4.37	45.8	4.28
	25	36.9	4.96	39.5	4.87	41.5	4.79	42.4	4.74	43.1	4.70	44.2	4.61	45.1	4.52
	27	36.5	5.24	39.0	5.15	41.0	5.07	41.8	5.02	42.5	4.98	43.5	4.89	44.3	4.80
	29	36.0	5.55	38.5	5.46	40.4	5.38	41.2	5.33	41.8	5.29	42.8	5.20	43.6	5.12
	31	35.6	5.88	37.9	5.80	39.8	5.72	40.6	5.68	41.2	5.64	42.1	5.55	42.9	5.47
	33	35.1	6.25	37.4	6.16	39.2	6.09	39.9	6.05	40.5	6.02	41.3	5.94	42.2	5.87
	35	34.6	6.64	36.9	6.56	38.6	6.49	39.3	6.46	39.8	6.43	40.6	6.36	41.5	6.30
	37	34.6	6.96	36.9	6.91	38.6	6.87	39.3	6.85	39.8	6.82	40.6	6.78	41.5	6.75
	39	34.6	7.65	36.9	7.61	38.6	7.56	39.3	7.53	39.8	7.51	40.6	7.45	41.5	7.40
40%	10	31.0	2.68	34.2	2.63	36.0	2.56	36.8	2.53	37.6	2.49	39.1	2.40	40.2	2.29
	12	30.9	2.80	33.8	2.74	35.6	2.67	36.4	2.63	37.2	2.59	38.5	2.50	39.5	2.40
	14	30.9	2.92	33.4	2.86	35.2	2.78	36.0	2.74	36.7	2.70	38.0	2.62	39.0	2.52
	16	30.9	3.05	33.0	2.98	34.8	2.91	35.6	2.87	36.3	2.83	37.5	2.74	38.4	2.65
	18	30.7	3.20	32.7	3.13	34.4	3.05	35.1	3.01	35.8	2.97	36.9	2.89	37.8	2.80
	20	30.3	3.35	32.3	3.28	34.0	3.20	34.7	3.16	35.4	3.12	36.4	3.04	37.2	2.96
	21	30.1	3.43	32.1	3.36	33.8	3.28	34.5	3.24	35.1	3.20	36.1	3.12	36.9	3.04
	23	29.8	3.60	31.7	3.53	33.4	3.45	34.1	3.41	34.7	3.38	35.6	3.30	36.4	3.22
	25	29.4	3.78	31.4	3.71	33.0	3.63	33.6	3.60	34.2	3.56	35.1	3.49	35.8	3.41
	27	29.0	3.97	31.0	3.90	32.6	3.83	33.2	3.79	33.7	3.76	34.6	3.69	35.3	3.62
	29	28.7	4.17	30.6	4.10	32.1	4.04	32.8	4.00	33.3	3.97	34.0	3.90	34.7	3.83
	31	28.3	4.38	30.2	4.32	31.7	4.25	32.3	4.22	32.8	4.19	33.5	4.13	34.2	4.06
	33	28.0	4.60	29.9	4.54	31.3	4.49	31.9	4.46	32.3	4.43	33.0	4.37	33.6	4.31
	35	27.6	4.83	29.5	4.78	30.9	4.73	31.4	4.70	31.8	4.68	32.4	4.62	33.1	4.56
	37	27.6	5.58	29.5	5.52	30.9	5.46	31.4	5.43	31.8	5.40	32.4	5.34	33.1	5.28
	39	27.6	6.13	29.5	6.07	30.9	6.00	31.4	5.97	31.8	5.94	32.4	5.88	33.1	5.81
30%	10	24.9	1.89	26.4	1.84	28.0	1.78	28.8	1.75	29.7	1.72	31.6	1.64	33.6	1.55
	12	24.6	1.98	26.0	1.92	27.6	1.86	28.4	1.83	29.3	1.79	31.1	1.72	33.1	1.64
	14	24.2	2.07	25.6	2.01	27.2	1.95	28.0	1.91	28.9	1.88	30.7	1.80	32.6	1.73
	16	23.8	2.17	25.2	2.11	26.8	2.04	27.6	2.01	28.5	1.97	30.3	1.90	32.2	1.82
	18	23.4	2.28	24.9	2.21	26.4	2.15	27.2	2.11	28.1	2.08	29.8	2.01	31.7	1.93
	20	23.0	2.39	24.5	2.33	26.0	2.26	26.8	2.23	27.6	2.19	29.4	2.12	31.2	2.05
	21	22.8	2.45	24.3	2.39	25.8	2.32	26.6	2.29	27.4	2.25	29.1	2.18	30.9	2.11
	23	22.4	2.58	23.9	2.51	25.4	2.45	26.2	2.41	27.0	2.38	28.7	2.31	30.4	2.24
	25	22.0	2.71	23.5	2.65	25.0	2.58	25.8	2.55	26.6	2.52	28.2	2.45	29.9	2.39
	27	21.6	2.85	23.0	2.79	24.6	2.73	25.3	2.69	26.1	2.66	27.7	2.60	29.4	2.54
	29	21.2	3.00	22.6	2.94	24.1	2.88	24.9	2.85	25.7	2.82	27.3	2.76	28.9	2.70
	31	20.8	3.16	22.2	3.10	23.7	3.04	24.4	3.01	25.2	2.98	26.8	2.92	28.4	2.86
	33	20.3	3.32	21.8	3.26	23.3	3.21	24.0	3.18	24.8	3.15	26.3	3.10	27.8	3.04
	35	19.9	3.49	21.3	3.44	22.8	3.39	23.6	3.36	24.3	3.34	25.8	3.28	27.3	3.23
	37	19.9	4.20	21.3	4.14	22.8	4.08	23.6	4.05	24.3	4.02	25.8	3.95	27.3	3.88
	39	19.9	4.60	21.3	4.54	22.8	4.47	23.6	4.44	24.3	4.40	25.8	4.34	27.3	4.27

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ☐ shows rated condition.

RXQ30AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	94.8	14.3	101	14.5	106	14.7	108	14.8	109	14.9	111	15.1	113	15.4
	12	93.8	14.9	99.8	15.1	104	15.3	106	15.4	107	15.5	109	15.8	112	16.0
	14	92.7	15.5	98.6	15.7	103	15.9	104	16.1	105	16.2	108	16.4	110	16.7
	16	91.6	16.2	97.4	16.4	101	16.6	103	16.7	104	16.8	106	17.1	108	17.4
	18	90.5	16.8	96.1	17.0	99.8	17.3	101	17.4	102	17.5	105	17.8	107	18.1
	20	89.4	17.5	94.8	17.7	98.3	18.0	99.5	18.1	101	18.2	103	18.5	105	18.8
	21	88.9	17.8	94.2	18.1	97.5	18.3	98.7	18.5	99.9	18.6	102	18.9	104	19.2
	23	87.7	18.5	92.8	18.8	96.0	19.1	97.2	19.2	98.3	19.3	101	19.6	103	19.9
	25	86.6	19.2	91.5	19.5	94.5	19.8	95.7	20.0	96.8	20.1	99.1	20.4	101	20.7
	27	85.4	20.0	90.2	20.3	93.0	20.6	94.2	20.8	95.3	20.9	97.6	21.2	99.9	21.5
	29	84.3	20.8	88.8	21.1	91.5	21.4	92.7	21.6	93.8	21.7	96.1	22.0	98.4	22.3
	31	83.1	21.7	87.4	22.0	90.1	22.3	91.2	22.4	92.3	22.5	94.6	22.8	96.9	23.2
	33	81.9	22.5	86.0	22.8	88.6	23.1	89.7	23.2	90.9	23.4	93.1	23.7	95.4	24.0
	35	80.7	23.5	84.6	23.7	87.1	24.0	88.2	24.1	89.4	24.3	91.6	24.6	93.8	24.9
	37	79.4	24.4	83.1	24.6	85.6	24.9	86.8	25.0	87.9	25.2	90.1	25.5	92.3	25.8
	39	78.2	25.3	81.6	25.6	84.1	25.8	85.3	26.0	86.4	26.1	88.6	26.4	90.7	26.7
120%	10	91.9	14.3	98.4	14.5	103	14.7	106	14.8	107	14.9	109	15.1	111	15.3
	12	90.8	14.9	97.1	15.1	102	15.3	104	15.4	106	15.5	108	15.7	110	16.0
	14	89.8	15.5	95.9	15.7	101	15.9	102	16.0	104	16.1	106	16.4	108	16.6
	16	88.8	16.1	94.7	16.3	99.3	16.5	101	16.7	102	16.8	104	17.1	107	17.3
	18	87.8	16.8	93.5	17.0	97.9	17.2	99.5	17.3	101	17.5	103	17.8	105	18.0
	20	86.8	17.4	92.3	17.7	96.5	17.9	98.0	18.1	99.1	18.2	101	18.5	103	18.8
	21	86.2	17.8	91.7	18.0	95.8	18.3	97.2	18.4	98.4	18.6	101	18.8	103	19.1
	23	85.2	18.4	90.5	18.7	94.4	19.0	95.7	19.2	96.8	19.3	99.0	19.6	101	19.9
	25	84.1	19.2	89.3	19.4	93.0	19.7	94.2	19.9	95.3	20.1	97.4	20.4	99.6	20.7
	27	83.1	19.9	88.0	20.2	91.5	20.5	92.7	20.7	93.8	20.9	95.9	21.2	98.1	21.5
	29	82.0	20.7	86.8	21.0	90.1	21.3	91.2	21.5	92.3	21.7	94.4	22.0	96.5	22.3
	31	80.9	21.6	85.5	21.9	88.6	22.2	89.7	22.4	90.8	22.5	92.9	22.8	95.0	23.2
	33	79.8	22.5	84.2	22.8	87.2	23.1	88.3	23.2	89.3	23.4	91.4	23.7	93.5	24.0
	35	78.6	23.4	83.0	23.6	85.7	23.9	86.8	24.1	87.8	24.3	89.9	24.6	92.0	24.8
	37	77.5	24.3	81.7	24.5	84.2	24.8	85.3	25.0	86.3	25.2	88.4	25.5	90.4	25.8
	39	76.3	25.2	80.3	25.5	82.7	25.8	83.8	25.9	84.9	26.1	86.9	26.4	88.9	26.8
110%	10	88.9	14.2	95.4	14.4	101	14.6	103	14.7	105	14.8	108	15.0	110	15.3
	12	87.8	14.8	94.2	15.0	99.3	15.2	102	15.3	103	15.4	106	15.7	108	15.9
	14	86.8	15.4	93.0	15.6	98.1	15.8	100	16.0	102	16.1	104	16.3	106	16.6
	16	85.8	16.0	91.9	16.3	96.8	16.5	98.8	16.6	100	16.7	103	17.0	105	17.3
	18	84.9	16.7	90.7	16.9	95.5	17.2	97.4	17.3	99.0	17.4	101	17.7	103	18.0
	20	83.9	17.4	89.6	17.6	94.2	17.9	96.0	18.0	97.5	18.1	99.6	18.4	102	18.7
	21	83.4	17.7	89.1	17.9	93.6	18.2	95.3	18.4	96.8	18.5	98.8	18.8	101	19.1
	23	82.5	18.4	87.9	18.6	92.3	18.9	93.9	19.1	95.2	19.2	97.3	19.6	99.2	19.9
	25	81.5	19.1	86.8	19.4	90.9	19.7	92.5	19.8	93.7	20.0	95.7	20.3	97.7	20.7
	27	80.5	19.9	85.7	20.1	89.6	20.4	91.1	20.6	92.3	20.8	94.2	21.1	96.2	21.5
	29	79.5	20.6	84.5	20.9	88.3	21.2	89.7	21.4	90.8	21.6	92.7	22.0	94.7	22.3
	31	78.4	21.5	83.3	21.8	86.9	22.1	88.2	22.3	89.3	22.5	91.1	22.8	93.1	23.2
	33	77.4	22.4	82.1	22.7	85.6	23.0	86.8	23.2	87.8	23.3	89.6	23.7	91.6	24.0
	35	76.3	23.2	80.9	23.6	84.1	23.9	85.3	24.0	86.3	24.2	88.1	24.6	90.1	24.9
	37	75.2	24.1	79.7	24.5	82.7	24.8	83.8	25.0	84.7	25.1	86.6	25.5	88.5	25.9
	39	74.1	25.0	78.5	25.4	81.3	25.7	82.3	25.9	83.2	26.1	85.1	26.4	87.0	26.8
100%	10	82.6	14.1	92.1	14.3	97.4	14.5	99.7	14.6	102	14.7	105	15.0	108	15.2
	12	82.4	14.7	91.0	14.9	96.2	15.1	98.5	15.2	101	15.4	104	15.6	106	15.8
	14	82.3	15.3	89.9	15.5	95.0	15.8	97.2	15.9	99.2	16.0	102	16.2	104	16.5
	16	82.3	15.9	88.8	16.2	93.8	16.4	96.0	16.5	97.9	16.7	101	16.9	103	17.2
	18	81.8	16.6	87.7	16.8	92.6	17.1	94.7	17.2	96.5	17.3	99.4	17.6	101	17.9
	20	80.9	17.3	86.6	17.5	91.4	17.8	93.4	17.9	95.2	18.0	97.8	18.3	99.6	18.7
	21	80.4	17.6	86.0	17.8	90.8	18.1	92.8	18.2	94.5	18.4	97.1	18.7	98.9	19.0
	23	79.5	18.3	85.0	18.5	89.6	18.8	91.5	18.9	93.1	19.1	95.5	19.4	97.4	19.8
	25	78.5	19.0	84.0	19.3	88.4	19.5	90.2	19.7	91.8	19.8	94.0	20.2	95.8	20.6
	27	77.6	19.8	82.9	20.0	87.2	20.3	88.9	20.5	90.4	20.6	92.5	21.0	94.3	21.4
	29	76.6	20.6	81.8	20.8	85.9	21.1	87.6	21.3	89.0	21.5	91.0	21.8	92.8	22.2
	31	75.7	21.4	80.7	21.7	84.7	22.0	86.3	22.2	87.6	22.3	89.5	22.7	91.3	23.1
	33	74.7	22.3	79.6	22.6	83.4	22.9	84.9	23.1	86.1	23.2	87.9	23.6	89.7	24.0
	35	73.7	23.1	78.5	23.5	82.1	23.8	83.5	24.0	84.6	24.2	86.4	24.5	88.2	24.9
	37	72.7	24.0	77.3	24.4	80.8	24.7	82.1	24.9	83.1	25.1	84.8	25.5	86.7	25.9
	39	71.6	24.9	76.1	25.3	79.5	25.7	80.7	25.8	81.6	26.0	83.3	26.4	85.1	26.8
90%	10	74.1	11.5	82.7	11.6	87.4	11.7	89.5	11.7	91.3	11.8	94.5	11.9	96.6	12.0
	12	74.1	12.0	81.7	12.1	86.4	12.2	88.4	12.3	90.2	12.3	93.2	12.4	95.2	12.6
	14	74.0	12.5	80.7	12.6	85.3	12.7	87.3	12.8	89.0	12.8	91.9	13.0	93.8	13.1
	16	74.0	13.0	79.8	13.1	84.3	13.3	86.2	13.3	87.9	13.4	90.6	13.5	92.4	13.7
	18	73.6	13.5	78.8	13.7	83.2	13.8	85.1	13.9	86.7	14.0	89.4	14.1	91.1	14.3
	20	72.8	14.1	77.9	14.2	82.2	14.4	84.0	14.5	85.6	14.6	88.0	14.7	89.7	14.9
	21	72.4	14.4	77.4	14.5	81.6	14.7	83.4	14.8	85.0	14.9	87.3	15.0	89.0	15.2
	23	71.5	15.0	76.5	15.1	80.6	15.3	82.3	15.4	83.8	15.5	86.0	15.7	87.6	15.9
	25	70.7	15.6	75.6	15.8	79.5	16.0	81.2	16.0	82.6	16.1	84.6	16.3	86.3	16.5
	27	69.8	16.2	74.6	16.4	78.5	16.6	80.0	16.7	81.4	16.8	83.3	17.0	84.9	17.2
	29	69.0	16.9	73.6	17.1	77.4	17.3	78.8	17.4	80.1	17.5	81.9	17.7	83.5	17.9
	31	68.1	17.5	72.7	17.7	76.2	18.0	77.6	18.1	78.8	18.2	80.5	18.4	82.1	18.6
	33	67.3	18.2	71.7	18.4	75.1	18.7	76.4	18.8	77.5	18.9	79.2	19.2	80.8	19.4
	35	66.5	18.9	70.8	19.2	74.0	19.4	75.2	19.5	76.1	19.7	77.8	19.9	79.4	20.2
	37	66.5	20.4	70.8	20.7	74.0	20.9	75.2	21.0	76.1	21.1	77.8	21.4	79.4	21.6
	39	66.5	22.3	70.8	22.5	74.0	22.8	75.2	22.9	76.1	23.0	77.8	23.2	79.4	23.4
80%	10	65.9	9.19	73.5	9.18	77.7	9.18	79.5	9.19	81.1	9.21	84.0	9.25	85.9	9.30
	12	65.9	9.58	72.6	9.59	76.8	9.61	78.5	9.62	80.1	9.64	82.8	9.69	84.6	9.74
	14	65.9	9.98	71.8	10.0	75.8	10.0	77.5	10.1	79.1	10.1	81.6	10.1	83.4	10.2
	16	65.8	10.4	70.9	10.5	74.9	10.5	76.6	10.5	78.1	10.6	80.5	10.6	82.2	10.7
	18	65.5	10.8	70.1	10.9	73.9	11.0	75.6	11.0	77.1	11.1	79.5	11.1	80.9	11.2
	20	64.7	11.3	69.3	11.4	73.0	11.5	74.6	11.5	76.1	11.6	78.2	11.6	79.7	11.7
	21	64.3	11.5	68.8	11.6	72.6	11.7	74.2	11.8	75.5	11.8	77.6	11.9	79.1	12.0
	23	63.6	12.0	68.0	12.1	71.6	12.2	73.2	12.3	74.5	12.3	76.4	12.4	77.9	12.5
	25	62.8	12.5	67.2	12.7	70.7	12.8	72.2	12.8	73.4	12.9	75.2	13.0	76.7	13.1
	27	62.1	13.1	66.4	13.2	69.7	13.3	71.1	13.4	72.3	13.4	74.0	13.6	75.5	13.7
	29	61.4	13.6	65.5	13.7	68.8	13.9	70.1	14.0	71.2	14.0	72.8	14.2	74.2	14.3
	31	60.7	14.2	64.7	14.3	67.8	14.5	69.0	14.6	70.1	14.6	71.6	14.8	73.0	14.9
	33	60.0	14.7	63.9	14.9	66.8	15.1	67.9	15.2	68.9	15.2	70.4	15.4	71.8	15.5
	35	59.2	15.4	63.0	15.5	65.8	15.7	66.8	15.8	67.7	15.9	69.1	16.0	70.6	16.2
	37	59.2	16.2	63.0	16.4	65.8	16.5	66.8	16.6	67.7	16.6	69.1	16.7	70.6	16.8
	39	59.2	17.6	63.0	17.8	65.8	17.9	66.8	18.0	67.7	18.0	69.1	18.1	70.6	18.2

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	57.7	7.13	64.3	7.05	67.9	7.00	69.5	6.98	70.9	6.97	73.4	6.96	75.1	6.98
	12	57.7	7.43	63.5	7.38	67.1	7.35	68.6	7.33	70.0	7.32	72.4	7.31	74.0	7.32
	14	57.6	7.76	62.8	7.73	66.3	7.71	67.8	7.70	69.2	7.69	71.4	7.68	73.0	7.68
	16	57.6	8.10	62.0	8.09	65.5	8.08	67.0	8.08	68.3	8.07	70.5	8.07	71.9	8.06
	18	57.3	8.46	61.3	8.47	64.7	8.47	66.2	8.47	67.4	8.47	69.5	8.47	70.8	8.46
	20	56.6	8.83	60.6	8.86	63.9	8.88	65.3	8.89	66.5	8.89	68.5	8.89	69.8	8.88
	21	56.3	9.03	60.2	9.06	63.5	9.09	64.9	9.10	66.1	9.10	67.9	9.10	69.2	9.09
	23	55.7	9.43	59.5	9.48	62.7	9.52	64.0	9.53	65.2	9.54	66.9	9.55	68.2	9.54
	25	55.0	9.85	58.8	9.91	61.9	9.96	63.1	9.98	64.2	10.0	65.8	10.0	67.1	10.0
	27	54.4	10.3	58.1	10.4	61.0	10.4	62.2	10.4	63.3	10.5	64.8	10.5	66.0	10.5
	29	53.8	10.7	57.4	10.8	60.2	10.9	61.3	10.9	62.3	11.0	63.7	11.0	65.0	11.0
	31	53.1	11.2	56.6	11.3	59.3	11.4	60.4	11.4	61.3	11.5	62.6	11.5	63.9	11.5
	33	52.5	11.7	55.9	11.8	58.4	11.9	59.4	11.9	60.3	12.0	61.6	12.0	62.8	12.1
	35	51.9	12.2	55.2	12.3	57.6	12.4	58.5	12.5	59.2	12.5	60.5	12.6	61.8	12.7
	37	51.9	12.9	55.2	12.9	57.6	13.0	58.5	13.0	59.2	13.0	60.5	13.0	61.8	13.1
	39	51.9	13.9	55.2	14.0	57.6	14.0	58.5	14.1	59.2	14.1	60.5	14.1	61.8	14.1
60%	10	49.4	5.35	55.0	5.23	58.1	5.15	59.5	5.11	60.7	5.09	62.9	5.06	64.4	5.05
	12	49.4	5.59	54.4	5.49	57.5	5.41	58.8	5.38	60.0	5.35	62.1	5.31	63.5	5.29
	14	49.3	5.84	53.7	5.76	56.8	5.69	58.1	5.66	59.3	5.63	61.2	5.58	62.5	5.55
	16	49.3	6.12	53.1	6.05	56.1	5.99	57.4	5.96	58.6	5.93	60.4	5.87	61.6	5.82
	18	49.1	6.41	52.5	6.35	55.5	6.30	56.7	6.27	57.8	6.24	59.6	6.19	60.7	6.13
	20	48.5	6.71	51.9	6.67	54.8	6.63	56.0	6.60	57.0	6.57	58.7	6.52	59.8	6.45
	21	48.2	6.87	51.6	6.83	54.4	6.79	55.6	6.77	56.7	6.74	58.2	6.69	59.3	6.62
	23	47.7	7.20	51.0	7.18	53.7	7.15	54.9	7.12	55.9	7.10	57.3	7.05	58.4	6.98
	25	47.1	7.55	50.4	7.53	53.0	7.51	54.1	7.49	55.1	7.47	56.4	7.42	57.5	7.36
	27	46.5	7.92	49.7	7.91	52.3	7.89	53.4	7.88	54.2	7.86	55.5	7.82	56.6	7.76
	29	46.0	8.30	49.1	8.30	51.6	8.29	52.6	8.28	53.4	8.27	54.6	8.23	55.7	8.19
	31	45.5	8.70	48.5	8.70	50.8	8.70	51.8	8.70	52.5	8.69	53.7	8.67	54.8	8.64
	33	44.9	9.12	47.9	9.12	50.1	9.13	50.9	9.13	51.6	9.13	52.8	9.12	53.8	9.11
	35	44.4	9.55	47.2	9.56	49.3	9.58	50.1	9.58	50.7	9.59	51.8	9.59	52.9	9.60
	37	44.4	9.96	47.2	9.96	49.3	9.94	50.1	9.93	50.7	9.93	51.8	9.91	52.9	9.89
	39	44.4	10.8	47.2	10.8	49.3	10.8	50.1	10.8	50.7	10.8	51.8	10.8	52.9	10.7
50%	10	41.2	4.18	45.8	4.14	48.4	4.12	49.6	4.11	50.6	4.11	52.4	4.12	53.7	4.15
	12	41.1	4.27	45.3	4.22	47.9	4.18	49.0	4.16	50.0	4.15	51.7	4.14	52.9	4.13
	14	41.1	4.38	44.8	4.32	47.3	4.27	48.4	4.25	49.4	4.23	51.0	4.19	52.1	4.16
	16	41.1	4.53	44.3	4.46	46.8	4.39	47.8	4.36	48.8	4.34	50.3	4.28	51.4	4.24
	18	40.9	4.71	43.8	4.63	46.2	4.55	47.3	4.52	48.2	4.48	49.7	4.42	50.6	4.35
	20	40.4	4.91	43.3	4.83	45.6	4.75	46.7	4.71	47.5	4.67	48.9	4.59	49.8	4.51
	21	40.2	5.03	43.0	4.94	45.4	4.85	46.3	4.81	47.2	4.77	48.5	4.69	49.4	4.60
	23	39.7	5.28	42.5	5.18	44.8	5.10	45.7	5.05	46.6	5.01	47.8	4.92	48.7	4.83
	25	39.3	5.56	42.0	5.46	44.2	5.37	45.1	5.33	45.9	5.28	47.0	5.19	47.9	5.09
	27	38.8	5.87	41.5	5.77	43.6	5.68	44.5	5.64	45.2	5.59	46.3	5.49	47.2	5.40
	29	38.3	6.21	40.9	6.12	43.0	6.03	43.8	5.98	44.5	5.93	45.5	5.84	46.4	5.75
	31	37.8	6.58	40.4	6.49	42.3	6.40	43.1	6.36	43.8	6.32	44.7	6.23	45.6	6.14
	33	37.3	6.98	39.8	6.89	41.7	6.82	42.4	6.77	43.0	6.73	44.0	6.65	44.9	6.57
	35	36.8	7.41	39.2	7.33	41.1	7.26	41.8	7.22	42.3	7.19	43.2	7.12	44.1	7.05
	37	36.8	7.76	39.2	7.71	41.1	7.66	41.8	7.64	42.3	7.61	43.2	7.57	44.1	7.53
	39	36.8	8.52	39.2	8.47	41.1	8.42	41.8	8.40	42.3	8.37	43.2	8.31	44.1	8.25
40%	10	33.0	3.00	36.4	2.94	38.3	2.86	39.2	2.82	40.0	2.78	41.6	2.68	42.7	2.56
	12	32.9	3.13	36.0	3.06	37.9	2.98	38.8	2.94	39.6	2.90	41.0	2.80	42.1	2.69
	14	32.9	3.27	35.6	3.20	37.5	3.12	38.3	3.08	39.1	3.03	40.4	2.93	41.5	2.83
	16	32.8	3.42	35.2	3.35	37.0	3.26	37.9	3.22	38.6	3.18	39.9	3.08	40.8	2.98
	18	32.7	3.58	34.8	3.51	36.6	3.42	37.4	3.38	38.1	3.34	39.3	3.25	40.2	3.15
	20	32.3	3.76	34.4	3.68	36.2	3.59	37.0	3.55	37.7	3.51	38.8	3.42	39.6	3.33
	21	32.1	3.85	34.2	3.77	36.0	3.68	36.7	3.64	37.4	3.60	38.5	3.51	39.3	3.42
	23	31.7	4.03	33.8	3.95	35.5	3.87	36.3	3.83	36.9	3.79	37.9	3.71	38.7	3.62
	25	31.3	4.23	33.4	4.15	35.1	4.08	35.8	4.04	36.4	4.00	37.3	3.92	38.1	3.83
	27	30.9	4.44	33.0	4.36	34.6	4.29	35.3	4.25	35.9	4.21	36.8	4.14	37.5	4.06
	29	30.5	4.66	32.6	4.59	34.2	4.51	34.9	4.48	35.4	4.44	36.2	4.37	36.9	4.30
	31	30.1	4.89	32.2	4.82	33.8	4.75	34.4	4.72	34.9	4.68	35.7	4.62	36.3	4.55
	33	29.8	5.13	31.8	5.06	33.3	5.00	33.9	4.97	34.4	4.94	35.1	4.88	35.8	4.81
	35	29.4	5.37	31.4	5.32	32.9	5.26	33.4	5.24	33.8	5.21	34.5	5.15	35.2	5.09
	37	29.4	6.22	31.4	6.16	32.9	6.09	33.4	6.06	33.8	6.03	34.5	5.96	35.2	5.90
	39	29.4	6.83	31.4	6.76	32.9	6.69	33.4	6.66	33.8	6.62	34.5	6.55	35.2	6.48
30%	10	26.5	2.11	28.1	2.05	29.8	1.99	30.7	1.95	31.6	1.91	33.6	1.83	35.8	1.73
	12	26.1	2.21	27.7	2.15	29.4	2.08	30.3	2.04	31.2	2.00	33.1	1.92	35.2	1.83
	14	25.7	2.32	27.3	2.25	29.0	2.18	29.8	2.14	30.8	2.10	32.7	2.02	34.7	1.93
	16	25.3	2.43	26.9	2.36	28.5	2.29	29.4	2.25	30.3	2.21	32.2	2.13	34.2	2.05
	18	24.9	2.55	26.5	2.48	28.1	2.41	29.0	2.37	29.9	2.33	31.7	2.25	33.7	2.17
	20	24.5	2.68	26.0	2.61	27.7	2.54	28.5	2.50	29.4	2.46	31.2	2.38	33.2	2.30
	21	24.3	2.75	25.8	2.68	27.5	2.60	28.3	2.57	29.2	2.53	31.0	2.45	32.9	2.37
	23	23.9	2.89	25.4	2.82	27.0	2.75	27.9	2.71	28.7	2.67	30.5	2.60	32.4	2.52
	25	23.4	3.04	25.0	2.97	26.6	2.90	27.4	2.86	28.3	2.82	30.0	2.75	31.8	2.68
	27	23.0	3.19	24.5	3.12	26.1	3.05	27.0	3.02	27.8	2.98	29.5	2.91	31.3	2.84
	29	22.5	3.36	24.1	3.29	25.7	3.22	26.5	3.19	27.3	3.15	29.0	3.09	30.7	3.02
	31	22.1	3.52	23.6	3.46	25.2	3.40	26.0	3.36	26.8	3.33	28.5	3.27	30.2	3.20
	33	21.6	3.70	23.2	3.64	24.7	3.58	25.5	3.55	26.3	3.52	28.0	3.46	29.6	3.39
	35	21.2	3.88	22.7	3.83	24.3	3.77	25.1	3.74	25.8	3.72	27.4	3.66	29.0	3.60
	37	21.2	4.70	22.7	4.63	24.3	4.56	25.1	4.53	25.8	4.49	27.4	4.42	29.0	4.35
	39	21.2	5.13	22.7	5.06	24.3	4.99	25.1	4.95	25.8	4.92	27.4	4.84	29.0	4.77

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ32AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	102	15.5	109	15.7	114	15.9	116	16.0	117	16.1	120	16.3	122	16.6
	12	101	16.1	108	16.3	113	16.5	114	16.7	115	16.8	118	17.0	120	17.3
	14	99.9	16.8	106	17.0	111	17.2	112	17.4	114	17.5	116	17.7	119	18.0
	16	98.8	17.5	105	17.7	109	18.0	111	18.1	112	18.2	114	18.5	117	18.8
	18	97.6	18.2	104	18.5	108	18.7	109	18.8	110	19.0	113	19.2	115	19.5
	20	96.4	18.9	102	19.2	106	19.5	107	19.6	109	19.7	111	20.0	113	20.3
	21	95.8	19.3	101	19.6	105	19.9	106	20.0	108	20.1	110	20.4	113	20.7
	23	94.6	20.0	100	20.3	104	20.7	105	20.8	106	20.9	108	21.2	111	21.6
	25	93.3	20.8	98.6	21.1	102	21.5	103	21.6	104	21.8	107	22.1	109	22.4
	27	92.1	21.7	97.2	22.0	100	22.3	102	22.5	103	22.6	105	22.9	108	23.3
	29	90.8	22.5	95.7	22.9	98.7	23.2	99.9	23.4	101	23.5	104	23.8	106	24.1
	31	89.5	23.5	94.3	23.8	97.1	24.1	98.3	24.2	99.5	24.4	102	24.7	104	25.1
	33	88.2	24.4	92.7	24.7	95.5	25.0	96.7	25.2	98.0	25.3	100	25.6	103	26.0
	35	86.9	25.4	91.2	25.7	93.9	26.0	95.1	26.1	96.4	26.3	98.7	26.6	101	26.9
	37	85.6	26.4	89.6	26.7	92.3	26.9	93.6	27.1	94.8	27.2	97.1	27.5	99.5	28.4
	39	84.3	27.4	88.0	27.7	90.7	27.9	92.0	28.1	93.2	28.6	95.5	29.1	97.8	29.5
120%	10	99.1	15.4	106	15.6	112	15.8	114	15.9	116	16.0	118	16.3	120	16.5
	12	97.9	16.0	105	16.3	110	16.5	112	16.6	114	16.7	116	17.0	118	17.2
	14	96.8	16.7	103	16.9	109	17.2	111	17.3	112	17.4	114	17.7	117	18.0
	16	95.7	17.4	102	17.7	107	17.9	109	18.0	110	18.2	113	18.4	115	18.7
	18	94.6	18.1	101	18.4	106	18.6	107	18.8	109	18.9	111	19.2	113	19.5
	20	93.5	18.9	99.5	19.1	104	19.4	106	19.5	107	19.7	109	20.0	111	20.3
	21	93.0	19.2	98.8	19.5	103	19.8	105	19.9	106	20.1	108	20.4	111	20.7
	23	91.8	20.0	97.5	20.3	102	20.6	103	20.7	104	20.9	107	21.2	109	21.5
	25	90.7	20.8	96.2	21.1	100	21.4	102	21.6	103	21.7	105	22.1	107	22.4
	27	89.5	21.6	94.9	21.9	98.7	22.2	99.9	22.4	101	22.6	103	22.9	106	23.3
	29	88.4	22.5	93.5	22.8	97.1	23.1	98.3	23.3	99.5	23.5	102	23.8	104	24.2
	31	87.2	23.4	92.2	23.7	95.5	24.0	96.7	24.2	97.9	24.4	100	24.7	102	25.1
	33	86.0	24.3	90.8	24.7	94.0	25.0	95.1	25.1	96.3	25.3	98.5	25.6	101	26.0
	35	84.7	25.3	89.4	25.6	92.4	25.9	93.5	26.1	94.7	26.3	96.9	26.6	99.1	26.9
	37	83.5	26.3	88.0	26.6	90.8	26.9	91.9	27.1	93.1	27.2	95.3	27.9	97.5	28.3
	39	82.2	27.2	86.6	27.6	89.2	27.9	90.3	28.1	91.5	28.6	93.7	29.0	95.8	29.4
110%	10	95.8	15.3	103	15.5	108	15.8	111	15.9	113	16.0	116	16.2	118	16.5
	12	94.7	16.0	102	16.2	107	16.4	109	16.6	112	16.7	114	16.9	116	17.2
	14	93.6	16.6	100	16.9	106	17.1	108	17.3	110	17.4	113	17.7	115	17.9
	16	92.5	17.3	99.0	17.6	104	17.8	107	18.0	108	18.1	111	18.4	113	18.7
	18	91.5	18.1	97.8	18.3	103	18.6	105	18.7	107	18.9	109	19.2	111	19.5
	20	90.5	18.8	96.6	19.1	102	19.3	104	19.5	105	19.6	107	20.0	109	20.3
	21	89.9	19.2	96.0	19.4	101	19.7	103	19.9	104	20.0	107	20.4	109	20.7
	23	88.9	19.9	94.8	20.2	99.4	20.5	101	20.7	103	20.8	105	21.2	107	21.5
	25	87.8	20.7	93.6	21.0	98.0	21.3	99.7	21.5	101	21.6	103	22.0	105	22.4
	27	86.7	21.5	92.3	21.8	96.6	22.1	98.2	22.3	99.4	22.5	102	22.9	104	23.3
	29	85.7	22.4	91.1	22.7	95.1	23.0	96.6	23.2	97.8	23.4	99.9	23.8	102	24.2
	31	84.5	23.3	89.8	23.6	93.7	23.9	95.1	24.1	96.2	24.3	98.2	24.7	100	25.1
	33	83.4	24.2	88.5	24.6	92.2	24.9	93.5	25.1	94.6	25.3	96.6	25.6	98.7	26.0
	35	82.3	25.2	87.2	25.5	90.7	25.9	91.9	26.0	93.0	26.2	95.0	26.6	97.1	27.0
	37	81.1	26.1	85.9	26.5	89.2	26.8	90.3	27.0	91.4	27.2	93.4	27.6	95.4	28.2
	39	79.9	27.1	84.6	27.5	87.6	27.8	88.7	28.0	89.7	28.5	91.8	28.9	93.8	29.3
100%	10	89.0	15.2	99.3	15.5	105	15.7	108	15.8	110	15.9	114	16.2	116	16.4
	12	88.9	15.9	98.1	16.1	104	16.3	106	16.5	108	16.6	112	16.9	114	17.1
	14	88.8	16.6	96.9	16.8	102	17.0	105	17.2	107	17.3	110	17.6	113	17.9
	16	88.7	17.3	95.7	17.5	101	17.8	103	17.9	106	18.0	109	18.3	111	18.6
	18	88.2	18.0	94.5	18.2	99.8	18.5	102	18.6	104	18.8	107	19.1	109	19.4
	20	87.2	18.7	93.3	19.0	98.5	19.2	101	19.4	103	19.5	105	19.9	107	20.2
	21	86.7	19.1	92.7	19.3	97.9	19.6	100	19.8	102	19.9	105	20.3	107	20.6
	23	85.6	19.8	91.6	20.1	96.6	20.4	98.6	20.5	100	20.7	103	21.0	105	21.4
	25	84.6	20.6	90.5	20.9	95.3	21.2	97.2	21.3	98.9	21.5	101	21.9	103	22.3
	27	83.6	21.4	89.4	21.7	94.0	22.0	95.8	22.2	97.4	22.4	99.7	22.7	102	23.1
	29	82.6	22.3	88.2	22.6	92.6	22.9	94.4	23.1	95.9	23.2	98.1	23.6	100	24.0
	31	81.5	23.2	87.0	23.5	91.3	23.8	93.0	24.0	94.4	24.2	96.4	24.6	98.4	25.0
	33	80.5	24.1	85.8	24.5	89.9	24.8	91.5	25.0	92.8	25.2	94.8	25.6	96.7	26.0
	35	79.4	25.1	84.6	25.4	88.5	25.8	90.0	26.0	91.2	26.2	93.1	26.6	95.1	27.0
	37	78.3	26.0	83.3	26.4	87.1	26.8	88.5	27.0	89.6	27.2	91.4	27.6	93.4	28.1
	39	77.2	27.0	82.1	27.4	85.7	27.8	87.0	28.0	88.0	28.2	89.8	28.8	91.8	29.2
90%	10	79.9	12.4	89.1	12.5	94.3	12.6	96.5	12.6	98.5	12.7	102	12.8	104	12.9
	12	79.9	12.9	88.1	13.0	93.1	13.1	95.3	13.2	97.2	13.3	100	13.4	103	13.5
	14	79.8	13.5	87.0	13.6	92.0	13.7	94.1	13.8	96.0	13.8	99.0	14.0	101	14.1
	16	79.8	14.1	86.0	14.2	90.8	14.3	92.9	14.4	94.7	14.5	97.7	14.6	99.6	14.8
	18	79.3	14.6	84.9	14.8	89.7	14.9	91.7	15.0	93.5	15.1	96.4	15.3	98.1	15.4
	20	78.4	15.2	84.0	15.4	88.6	15.6	90.5	15.7	92.2	15.7	94.9	15.9	96.7	16.1
	21	78.0	15.6	83.5	15.7	88.0	15.9	89.9	16.0	91.6	16.1	94.1	16.3	95.9	16.4
	23	77.1	16.2	82.5	16.4	86.9	16.6	88.7	16.7	90.3	16.8	92.7	16.9	94.4	17.1
	25	76.2	16.9	81.5	17.0	85.7	17.3	87.5	17.4	89.0	17.5	91.2	17.7	93.0	17.9
	27	75.3	17.5	80.4	17.7	84.6	18.0	86.3	18.1	87.7	18.2	89.8	18.4	91.5	18.6
	29	74.3	18.2	79.4	18.5	83.4	18.7	85.0	18.8	86.3	18.9	88.3	19.1	90.0	19.4
	31	73.4	19.0	78.3	19.2	82.2	19.4	83.7	19.6	85.0	19.7	86.8	19.9	88.5	20.1
	33	72.5	19.7	77.3	19.9	80.9	20.2	82.4	20.3	83.5	20.5	85.3	20.7	87.1	21.0
	35	71.6	20.5	76.3	20.7	79.7	21.0	81.0	21.1	82.0	21.3	83.8	21.5	85.6	21.8
	37	71.6	22.1	76.3	22.4	79.7	22.6	81.0	22.8	82.0	22.9	83.8	23.1	85.6	23.3
	39	71.6	24.2	76.3	24.4	79.7	24.7	81.0	24.8	82.0	24.9	83.8	25.1	85.6	25.3
80%	10	71.1	9.86	79.2	9.84	83.8	9.84	85.7	9.85	87.5	9.86	90.5	9.90	92.5	9.95
	12	71.0	10.3	78.3	10.3	82.8	10.3	84.6	10.3	86.4	10.3	89.2	10.4	91.2	10.4
	14	71.0	10.7	77.4	10.8	81.7	10.8	83.6	10.8	85.2	10.8	88.0	10.9	89.9	10.9
	16	71.0	11.2	76.5	11.2	80.7	11.3	82.5	11.3	84.2	11.4	86.8	11.4	88.6	11.5
	18	70.6	11.7	75.5	11.8	79.7	11.8	81.5	11.9	83.1	11.9	85.7	12.0	87.2	12.0
	20	69.8	12.2	74.6	12.3	78.7	12.4	80.5	12.4	82.0	12.4	84.3	12.5	85.9	12.6
	21	69.3	12.4	74.2	12.5	78.2	12.6	79.9	12.7	81.4	12.7	83.7	12.8	85.3	12.9
	23	68.5	13.0	73.3	13.1	77.2	13.2	78.9	13.3	80.3	13.3	82.4	13.4	84.0	13.5
	25	67.7	13.5	72.4	13.7	76.2	13.8	77.8	13.8	79.1	13.9	81.1	14.0	82.6	14.1
	27	67.0	14.1	71.5	14.2	75.2	14.4	76.7	14.5	77.9	14.5	79.8	14.6	81.3	14.7
	29	66.2	14.7	70.6	14.9	74.1	15.0	75.5	15.1	76.7	15.1	78.5	15.3	80.0	15.4
	31	65.4	15.3	69.7	15.5	73.0	15.6	74.4	15.7	75.5	15.8	77.2	15.9	78.7	16.1
	33	64.7	15.9	68.8	16.1	72.0	16.3	73.2	16.4	74.2	16.4	75.8	16.6	77.4	16.7
	35	63.9	16.6	67.9	16.8	70.9	17.0	72.0	17.0	72.9	17.1	74.5	17.3	76.1	17.5
	37	63.9	17.6	67.9	17.7	70.9	17.9	72.0	17.9	72.9	18.0	74.5	18.1	76.1	18.2
	39	63.9	19.1	67.9	19.3	70.9	19.4	72.0	19.5	72.9	19.5	74.5	19.6	76.1	19.7

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	62.2	7.61	69.3	7.52	73.2	7.46	74.9	7.44	76.5	7.42	79.1	7.40	81.0	7.41
	12	62.2	7.95	68.5	7.89	72.4	7.84	74.0	7.83	75.5	7.81	78.1	7.79	79.8	7.79
	14	62.1	8.31	67.7	8.28	71.5	8.25	73.1	8.23	74.6	8.22	77.0	8.20	78.6	8.19
	16	62.1	8.69	66.9	8.68	70.6	8.66	72.2	8.66	73.6	8.65	76.0	8.63	77.5	8.61
	18	61.8	9.09	66.1	9.09	69.7	9.09	71.3	9.09	72.7	9.09	74.9	9.08	76.3	9.06
	20	61.0	9.51	65.3	9.53	68.9	9.54	70.4	9.55	71.7	9.55	73.8	9.54	75.2	9.52
	21	60.7	9.72	64.9	9.75	68.4	9.77	69.9	9.78	71.2	9.78	73.2	9.78	74.6	9.76
	23	60.0	10.2	64.1	10.2	67.6	10.2	69.0	10.3	70.2	10.3	72.1	10.3	73.5	10.3
	25	59.3	10.6	63.4	10.7	66.7	10.7	68.1	10.7	69.2	10.8	70.9	10.8	72.3	10.8
	27	58.6	11.1	62.6	11.2	65.8	11.2	67.1	11.3	68.2	11.3	69.8	11.3	71.2	11.3
	29	58.0	11.6	61.8	11.7	64.8	11.7	66.1	11.8	67.1	11.8	68.7	11.8	70.0	11.9
	31	57.3	12.1	61.0	12.2	63.9	12.3	65.1	12.3	66.1	12.3	67.5	12.4	68.9	12.4
	33	56.6	12.6	60.3	12.7	63.0	12.8	64.1	12.9	64.9	12.9	66.4	13.0	67.7	13.0
	35	56.0	13.2	59.5	13.3	62.1	13.4	63.0	13.4	63.8	13.5	65.2	13.6	66.6	13.6
	37	56.0	13.9	59.5	14.0	62.1	14.0	63.0	14.0	63.8	14.1	65.2	14.1	66.6	14.1
	39	56.0	15.1	59.5	15.2	62.1	15.2	63.0	15.2	63.8	15.2	65.2	15.3	66.6	15.3
60%	10	53.2	5.68	59.3	5.55	62.7	5.45	64.1	5.40	65.5	5.37	67.8	5.32	69.4	5.30
	12	53.2	5.95	58.6	5.84	61.9	5.74	63.4	5.70	64.7	5.67	66.9	5.61	68.4	5.57
	14	53.2	6.24	57.9	6.14	61.2	6.06	62.6	6.02	63.9	5.98	66.0	5.92	67.4	5.87
	16	53.2	6.55	57.3	6.46	60.5	6.39	61.9	6.35	63.1	6.32	65.1	6.25	66.4	6.18
	18	52.9	6.87	56.6	6.80	59.8	6.73	61.1	6.70	62.3	6.67	64.2	6.59	65.4	6.52
	20	52.3	7.21	56.0	7.15	59.0	7.10	60.3	7.06	61.5	7.03	63.3	6.96	64.4	6.88
	21	52.0	7.38	55.6	7.33	58.7	7.28	59.9	7.25	61.1	7.22	62.8	7.15	64.0	7.07
	23	51.4	7.75	55.0	7.71	57.9	7.67	59.1	7.64	60.2	7.61	61.8	7.55	63.0	7.47
	25	50.8	8.13	54.3	8.10	57.2	8.07	58.3	8.05	59.3	8.02	60.8	7.96	62.0	7.89
	27	50.2	8.53	53.6	8.51	56.4	8.48	57.5	8.47	58.5	8.44	59.8	8.39	61.0	8.33
	29	49.6	8.94	52.9	8.93	55.6	8.92	56.7	8.90	57.6	8.89	58.9	8.84	60.0	8.79
	31	49.0	9.38	52.3	9.37	54.8	9.36	55.8	9.36	56.6	9.34	57.9	9.31	59.0	9.27
	33	48.4	9.83	51.6	9.82	54.0	9.83	54.9	9.82	55.7	9.82	56.9	9.80	58.0	9.78
	35	47.9	10.3	50.9	10.3	53.2	10.3	54.0	10.3	54.7	10.3	55.9	10.3	57.0	10.3
	37	47.9	10.8	50.9	10.8	53.2	10.7	54.0	10.7	54.7	10.7	55.9	10.7	57.0	10.7
	39	47.9	11.7	50.9	11.7	53.2	11.7	54.0	11.7	54.7	11.7	55.9	11.6	57.0	11.6
50%	10	44.4	4.48	49.3	4.43	52.2	4.41	53.4	4.40	54.6	4.39	56.5	4.39	57.8	4.39
	12	44.3	4.57	48.8	4.51	51.6	4.46	52.8	4.44	53.9	4.43	55.8	4.40	57.0	4.38
	14	44.3	4.69	48.3	4.62	51.0	4.56	52.2	4.53	53.3	4.50	55.0	4.46	56.2	4.41
	16	44.3	4.85	47.7	4.77	50.4	4.69	51.6	4.66	52.6	4.62	54.3	4.56	55.3	4.49
	18	44.1	5.04	47.2	4.95	49.8	4.86	50.9	4.82	51.9	4.78	53.5	4.70	54.5	4.62
	20	43.6	5.26	46.6	5.16	49.2	5.07	50.3	5.02	51.2	4.98	52.7	4.88	53.7	4.79
	21	43.3	5.38	46.4	5.28	48.9	5.19	50.0	5.14	50.9	5.09	52.3	4.99	53.3	4.90
	23	42.8	5.65	45.8	5.55	48.3	5.45	49.3	5.40	50.2	5.35	51.5	5.24	52.5	5.14
	25	42.3	5.96	45.3	5.85	47.6	5.75	48.6	5.70	49.5	5.64	50.7	5.54	51.7	5.43
	27	41.8	6.30	44.7	6.19	47.0	6.09	47.9	6.03	48.7	5.98	49.9	5.87	50.8	5.76
	29	41.3	6.67	44.1	6.56	46.3	6.46	47.2	6.41	48.0	6.36	49.0	6.25	50.0	6.15
	31	40.8	7.07	43.5	6.97	45.6	6.87	46.5	6.82	47.2	6.77	48.2	6.67	49.2	6.57
	33	40.2	7.51	42.9	7.41	45.0	7.32	45.8	7.27	46.4	7.23	47.4	7.14	48.4	7.05
	35	39.7	7.98	42.3	7.88	44.3	7.81	45.0	7.77	45.6	7.73	46.6	7.65	47.5	7.57
	37	39.7	8.38	42.3	8.32	44.3	8.26	45.0	8.23	45.6	8.21	46.6	8.16	47.5	8.11
	39	39.7	9.20	42.3	9.15	44.3	9.09	45.0	9.06	45.6	9.03	46.6	8.97	47.5	8.89
40%	10	35.5	3.23	39.2	3.16	41.3	3.08	42.2	3.04	43.1	2.99	44.8	2.88	46.0	2.76
	12	35.5	3.36	38.8	3.29	40.8	3.21	41.7	3.16	42.6	3.11	44.1	3.00	45.3	2.88
	14	35.4	3.51	38.3	3.43	40.3	3.34	41.2	3.30	42.1	3.25	43.5	3.14	44.6	3.03
	16	35.4	3.67	37.9	3.59	39.9	3.50	40.8	3.45	41.6	3.40	42.9	3.30	44.0	3.18
	18	35.2	3.84	37.4	3.75	39.4	3.66	40.3	3.62	41.1	3.57	42.3	3.47	43.3	3.36
	20	34.8	4.03	37.0	3.94	38.9	3.85	39.8	3.80	40.5	3.75	41.7	3.65	42.7	3.55
	21	34.5	4.12	36.8	4.03	38.7	3.94	39.5	3.90	40.3	3.85	41.4	3.75	42.3	3.65
	23	34.1	4.33	36.4	4.24	38.3	4.15	39.1	4.10	39.8	4.05	40.8	3.96	41.7	3.87
	25	33.7	4.54	35.9	4.46	37.8	4.37	38.6	4.32	39.2	4.28	40.2	4.19	41.0	4.10
	27	33.3	4.77	35.5	4.69	37.3	4.60	38.1	4.56	38.7	4.52	39.6	4.43	40.4	4.34
	29	32.9	5.01	35.1	4.93	36.8	4.85	37.6	4.81	38.1	4.77	39.0	4.69	39.8	4.61
	31	32.5	5.27	34.7	5.19	36.4	5.12	37.0	5.08	37.6	5.04	38.4	4.96	39.1	4.89
	33	32.1	5.53	34.2	5.46	35.9	5.39	36.5	5.36	37.0	5.32	37.8	5.25	38.5	5.18
	35	31.7	5.81	33.8	5.75	35.4	5.69	36.0	5.66	36.5	5.63	37.2	5.56	37.9	5.49
	37	31.7	6.71	33.8	6.63	35.4	6.56	36.0	6.53	36.5	6.49	37.2	6.42	37.9	6.35
	39	31.7	7.37	33.8	7.30	35.4	7.22	36.0	7.18	36.5	7.14	37.2	7.07	37.9	6.98
30%	10	28.6	2.27	30.2	2.21	32.0	2.14	33.0	2.11	34.0	2.06	36.2	1.97	38.5	1.87
	12	28.2	2.37	29.8	2.31	31.6	2.24	32.6	2.20	33.6	2.16	35.7	2.06	38.0	1.97
	14	27.7	2.49	29.4	2.42	31.2	2.34	32.1	2.30	33.1	2.26	35.2	2.17	37.4	2.07
	16	27.3	2.61	28.9	2.53	30.7	2.46	31.7	2.41	32.6	2.37	34.7	2.28	36.9	2.19
	18	26.8	2.74	28.5	2.66	30.3	2.58	31.2	2.54	32.2	2.50	34.2	2.41	36.3	2.32
	20	26.4	2.87	28.0	2.80	29.8	2.72	30.7	2.68	31.7	2.63	33.6	2.55	35.7	2.46
	21	26.2	2.95	27.8	2.87	29.6	2.79	30.5	2.75	31.4	2.71	33.4	2.62	35.4	2.54
	23	25.7	3.10	27.4	3.02	29.1	2.94	30.0	2.90	30.9	2.86	32.9	2.78	34.9	2.70
	25	25.2	3.26	26.9	3.18	28.6	3.10	29.5	3.06	30.4	3.02	32.3	2.94	34.3	2.86
	27	24.8	3.43	26.4	3.35	28.1	3.28	29.0	3.24	29.9	3.20	31.8	3.12	33.7	3.05
	29	24.3	3.61	25.9	3.53	27.7	3.46	28.5	3.42	29.4	3.39	31.2	3.31	33.1	3.24
	31	23.8	3.80	25.5	3.73	27.2	3.66	28.0	3.62	28.9	3.58	30.7	3.51	32.5	3.44
	33	23.3	3.99	25.0	3.93	26.7	3.86	27.5	3.83	28.4	3.79	30.1	3.73	31.9	3.66
	35	22.8	4.20	24.5	4.14	26.2	4.08	27.0	4.05	27.9	4.01	29.6	3.95	31.3	3.89
	37	22.8	5.05	24.5	4.98	26.2	4.90	27.0	4.87	27.9	4.83	29.6	4.75	31.3	4.67
	39	22.8	5.54	24.5	5.46	26.2	5.38	27.0	5.34	27.9	5.29	29.6	5.21	31.3	5.13

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ34AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	108	17.3	114	17.5	120	17.8	122	17.9	123	18.1	126	18.3	129	18.6
	12	106	17.9	113	18.1	118	18.4	120	18.5	121	18.7	124	19.0	127	19.3
	14	105	18.5	112	18.7	117	19.0	118	19.2	120	19.3	122	19.7	125	20.0
	16	104	19.1	110	19.4	115	19.7	116	19.9	118	20.0	121	20.4	123	20.8
	18	103	19.8	109	20.1	113	20.4	115	20.6	116	20.8	119	21.1	121	21.5
	20	102	20.5	108	20.8	112	21.2	113	21.4	114	21.5	117	21.9	120	22.4
	21	101	20.9	107	21.2	111	21.6	112	21.8	113	22.0	116	22.4	119	22.8
	23	99.8	21.7	105	22.1	109	22.4	110	22.6	112	22.8	114	23.2	117	23.7
	25	98.5	22.6	104	22.9	107	23.3	109	23.5	110	23.7	113	24.1	115	24.6
	27	97.2	23.5	102	23.8	106	24.2	107	24.4	108	24.6	111	25.1	114	25.5
	29	95.9	24.4	101	24.8	104	25.2	105	25.4	107	25.6	109	26.0	112	26.5
	31	94.5	25.4	99.3	25.8	102	26.2	103	26.4	105	26.6	108	27.0	110	27.5
	33	93.1	26.5	97.6	26.8	100	27.2	102	27.4	103	27.7	106	28.1	109	28.6
	35	91.7	27.6	95.9	27.9	98.7	28.3	100	28.5	101	28.7	104	29.2	107	29.7
	37	90.3	28.7	94.2	29.1	96.9	29.5	98.3	29.7	99.6	29.9	102	30.3	105	30.8
	39	88.9	29.9	92.5	30.3	95.1	30.7	96.5	30.9	97.8	31.1	101	31.5	103	32.0
120%	10	104	17.3	111	17.5	117	17.7	120	17.9	121	18.0	124	18.3	126	18.6
	12	103	17.8	110	18.1	116	18.3	118	18.5	120	18.6	122	18.9	125	19.2
	14	102	18.4	109	18.7	114	18.9	116	19.1	118	19.3	120	19.6	123	19.9
	16	101	19.1	108	19.3	113	19.6	115	19.8	116	19.9	119	20.3	121	20.7
	18	99.9	19.7	106	20.0	111	20.3	113	20.5	114	20.7	117	21.0	119	21.4
	20	98.7	20.5	105	20.8	110	21.1	111	21.3	113	21.5	115	21.8	118	22.3
	21	98.1	20.9	104	21.2	109	21.5	110	21.7	112	21.9	114	22.3	117	22.7
	23	96.9	21.7	103	22.0	107	22.3	109	22.5	110	22.7	113	23.1	115	23.6
	25	95.8	22.5	102	22.8	106	23.2	107	23.4	108	23.6	111	24.0	113	24.5
	27	94.5	23.4	100	23.7	104	24.1	105	24.3	107	24.5	109	24.9	112	25.4
	29	93.3	24.4	98.7	24.7	102	25.1	104	25.3	105	25.5	107	25.9	110	26.4
	31	92.1	25.3	97.3	25.7	101	26.1	102	26.3	103	26.5	106	26.9	108	27.4
	33	90.8	26.4	95.8	26.7	99.0	27.1	100	27.3	101	27.6	104	28.0	106	28.5
	35	89.5	27.5	94.2	27.8	97.2	28.2	98.4	28.4	99.7	28.7	102	29.1	105	29.4
	37	88.1	28.6	92.7	29.0	95.4	29.4	96.7	29.6	97.9	29.8	100	30.2	103	30.7
	39	86.8	29.8	91.1	30.1	93.6	30.5	94.8	30.8	96.1	31.0	98.6	31.4	101	31.9
110%	10	101	17.2	108	17.4	114	17.7	116	17.8	119	17.9	122	18.2	124	18.5
	12	99.9	17.7	107	18.0	113	18.2	115	18.4	117	18.5	120	18.8	123	19.1
	14	98.8	18.3	106	18.6	111	18.9	114	19.0	116	19.2	118	19.5	121	19.8
	16	97.7	19.0	104	19.2	110	19.5	112	19.7	114	19.8	117	20.2	119	20.6
	18	96.6	19.7	103	19.9	108	20.2	111	20.4	112	20.6	115	20.9	117	21.3
	20	95.5	20.4	102	20.7	107	21.0	109	21.2	111	21.3	113	21.7	116	22.1
	21	94.9	20.8	101	21.1	106	21.4	108	21.6	110	21.8	112	22.1	115	22.6
	23	93.8	21.6	100	21.9	105	22.2	107	22.4	108	22.6	111	23.0	113	23.4
	25	92.7	22.4	98.8	22.7	103	23.1	105	23.3	107	23.5	109	23.9	111	24.3
	27	91.6	23.3	97.5	23.6	102	24.0	104	24.2	105	24.4	107	24.8	109	25.3
	29	90.4	24.3	96.2	24.6	100	25.0	102	25.2	103	25.4	105	25.8	108	26.3
	31	89.3	25.2	94.8	25.6	98.8	26.0	100	26.2	102	26.4	104	26.8	106	27.3
	33	88.1	26.3	93.4	26.6	97.3	27.0	98.6	27.2	99.8	27.4	102	27.9	104	28.4
	35	86.9	27.3	92.0	27.7	95.6	28.1	96.9	28.3	98.0	28.5	100	29.0	103	29.5
	37	85.6	28.5	90.6	28.8	93.9	29.3	95.1	29.5	96.2	29.7	98.5	30.1	101	30.6
	39	84.3	29.6	89.1	30.0	92.2	30.4	93.3	30.7	94.4	30.9	96.7	31.3	99.0	31.8
100%	10	93.6	17.1	104	17.3	110	17.5	113	17.7	115	17.8	119	18.1	122	18.3
	12	93.6	17.6	103	17.9	109	18.1	112	18.2	114	18.4	118	18.7	120	19.0
	14	93.6	18.2	102	18.5	108	18.7	110	18.9	112	19.0	116	19.3	119	19.7
	16	93.6	18.9	101	19.1	106	19.4	109	19.5	111	19.7	115	20.0	117	20.4
	18	93.1	19.6	99.6	19.8	105	20.1	108	20.2	110	20.4	113	20.8	115	21.2
	20	92.0	20.3	98.5	20.6	104	20.8	106	21.0	108	21.2	111	21.5	113	22.0
	21	91.5	20.7	97.9	20.9	103	21.2	105	21.4	107	21.6	110	21.9	113	22.4
	23	90.4	21.5	96.7	21.8	102	22.1	104	22.2	106	22.4	109	22.8	111	23.2
	25	89.3	22.3	95.5	22.6	101	22.9	103	23.1	104	23.3	107	23.7	109	24.1
	27	88.3	23.2	94.3	23.5	99.2	23.9	101	24.0	103	24.2	105	24.6	107	25.1
	29	87.2	24.2	93.1	24.5	97.8	24.8	99.7	25.0	101	25.2	104	25.6	106	26.0
	31	86.1	25.1	91.9	25.5	96.4	25.8	98.2	26.0	99.6	26.2	102	26.6	104	27.1
	33	85.0	26.2	90.6	26.5	94.9	26.9	96.6	27.1	98.0	27.3	100	27.7	102	28.1
	35	83.9	27.2	89.3	27.6	93.5	28.0	95.0	28.2	96.3	28.4	98.3	28.8	100	29.2
	37	82.7	28.4	88.0	28.7	91.9	29.1	93.4	29.3	94.5	29.6	96.5	30.0	98.6	30.5
	39	81.5	29.5	86.6	29.9	90.4	30.3	91.7	30.5	92.7	30.7	94.8	31.2	96.9	31.6
90%	10	84.2	14.2	93.8	14.3	99.2	14.4	102	14.5	104	14.6	107	14.8	110	14.9
	12	84.2	14.7	92.8	14.8	98.1	14.9	100	15.0	102	15.1	106	15.3	108	15.5
	14	84.2	15.2	91.7	15.3	96.9	15.5	99.2	15.5	101	15.6	105	15.8	107	16.0
	16	84.2	15.7	90.7	15.8	95.8	16.0	98.0	16.1	100	16.2	103	16.4	105	16.6
	18	83.8	16.2	89.7	16.4	94.7	16.6	96.8	16.7	98.7	16.8	102	17.1	104	17.3
	20	82.8	16.8	88.6	17.0	93.5	17.3	95.6	17.4	97.4	17.5	100	17.7	102	18.0
	21	82.3	17.1	88.1	17.4	92.9	17.6	94.9	17.7	96.7	17.8	99.4	18.1	101	18.3
	23	81.4	17.8	87.1	18.0	91.7	18.3	93.7	18.4	95.3	18.5	97.8	18.8	99.7	19.0
	25	80.4	18.5	86.0	18.7	90.5	19.0	92.4	19.1	94.0	19.3	96.3	19.5	98.2	19.8
	27	79.4	19.2	84.9	19.5	89.3	19.8	91.1	19.9	92.6	20.1	94.8	20.3	96.6	20.6
	29	78.5	20.0	83.8	20.3	88.0	20.6	89.7	20.7	91.1	20.9	93.2	21.2	95.0	21.5
	31	77.5	20.8	82.7	21.1	86.7	21.4	88.3	21.6	89.7	21.7	91.7	22.0	93.5	22.3
	33	76.5	21.7	81.5	22.0	85.4	22.3	86.9	22.5	88.2	22.6	90.1	22.9	91.9	23.3
	35	75.5	22.6	80.4	22.9	84.1	23.2	85.5	23.4	86.6	23.6	88.5	23.9	90.3	24.2
	37	75.5	24.1	80.4	24.4	84.1	24.7	85.5	24.9	86.6	25.0	88.5	25.3	90.3	25.6
	39	75.5	26.1	80.4	26.4	84.1	26.7	85.5	26.9	86.6	27.0	88.5	27.3	90.3	27.7
80%	10	74.9	11.6	83.4	11.6	88.2	11.7	90.2	11.7	92.2	11.7	95.5	11.8	97.7	12.0
	12	74.9	12.0	82.5	12.0	87.2	12.1	89.2	12.1	91.1	12.2	94.2	12.3	96.3	12.4
	14	74.9	12.3	81.5	12.4	86.2	12.5	88.2	12.6	90.0	12.6	92.9	12.7	94.9	12.8
	16	74.9	12.8	80.6	12.9	85.2	13.0	87.1	13.0	88.8	13.1	91.6	13.2	93.5	13.3
	18	74.5	13.2	79.7	13.3	84.1	13.5	86.0	13.5	87.7	13.6	90.4	13.7	92.1	13.8
	20	73.6	13.7	78.8	13.8	83.1	14.0	84.9	14.1	86.5	14.1	89.0	14.3	90.7	14.4
	21	73.2	13.9	78.3	14.1	82.6	14.3	84.4	14.3	86.0	14.4	88.3	14.5	90.0	14.7
	23	72.3	14.5	77.4	14.6	81.5	14.8	83.3	14.9	84.8	15.0	87.0	15.1	88.6	15.3
	25	71.5	15.0	76.4	15.2	80.5	15.4	82.1	15.5	83.5	15.6	85.6	15.8	87.3	15.9
	27	70.6	15.6	75.5	15.8	79.4	16.1	80.9	16.2	82.3	16.3	84.3	16.4	85.9	16.6
	29	69.7	16.3	74.5	16.5	78.2	16.7	79.7	16.8	81.0	16.9	82.9	17.1	84.5	17.3
	31	68.9	16.9	73.5	17.2	77.1	17.4	78.5	17.6	79.7	17.7	81.5	17.9	83.1	18.1
	33	68.0	17.6	72.5	17.9	75.9	18.2	77.3	18.3	78.4	18.4	80.1	18.6	81.7	18.8
	35	67.1	18.4	71.4	18.6	74.8	18.9	76.0	19.1	77.0	19.2	78.7	19.4	80.3	19.7
	37	67.1	19.1	71.4	19.3	74.8	19.5	76.0	19.6	77.0	19.7	78.7	19.9	80.3	20.1
	39	67.1	20.6	71.4	20.8	74.8	21.0	76.0	21.1	77.0	21.2	78.7	21.4	80.3	21.6

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB) 14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	65.5	9.30	72.9	9.24	77.1	9.22	79.0	9.23	80.6	9.25	83.6	9.32	85.5	9.43
	12	65.5	9.54	72.1	9.52	76.3	9.53	78.1	9.55	79.7	9.57	82.4	9.62	84.3	9.71
	14	65.5	9.82	71.3	9.84	75.4	9.87	77.1	9.89	78.7	9.91	81.3	9.96	83.0	10.0
	16	65.5	10.1	70.5	10.2	74.5	10.2	76.2	10.3	77.7	10.3	80.2	10.3	81.8	10.4
	18	65.2	10.5	69.7	10.6	73.6	10.6	75.3	10.7	76.7	10.7	79.1	10.7	80.6	10.8
	20	64.4	10.9	68.9	11.0	72.7	11.1	74.3	11.1	75.7	11.1	77.9	11.2	79.4	11.2
	21	64.0	11.1	68.5	11.2	72.3	11.3	73.8	11.3	75.2	11.3	77.3	11.4	78.8	11.4
	23	63.3	11.5	67.7	11.6	71.3	11.7	72.9	11.8	74.2	11.8	76.1	11.9	77.6	11.9
	25	62.5	12.0	66.9	12.1	70.4	12.2	71.9	12.3	73.1	12.3	74.9	12.4	76.3	12.4
	27	61.8	12.4	66.0	12.6	69.4	12.8	70.8	12.8	72.0	12.9	73.7	12.9	75.1	13.0
	29	61.0	13.0	65.2	13.1	68.5	13.3	69.8	13.4	70.9	13.4	72.5	13.5	73.9	13.6
	31	60.3	13.5	64.3	13.7	67.5	13.9	68.7	14.0	69.7	14.0	71.3	14.1	72.7	14.2
	33	59.5	14.1	63.4	14.3	66.5	14.5	67.6	14.6	68.6	14.6	70.1	14.8	71.5	14.9
	35	58.7	14.8	62.5	14.9	65.4	15.1	66.5	15.2	67.4	15.3	68.8	15.4	70.3	15.6
	37	58.7	15.3	62.5	15.4	65.4	15.5	66.5	15.5	67.4	15.6	68.8	15.7	70.3	15.8
	39	58.7	16.4	62.5	16.5	65.4	16.6	66.5	16.7	67.4	16.7	68.8	16.8	70.3	16.9
60%	10	56.1	7.20	62.5	7.12	66.1	7.10	67.7	7.10	69.1	7.12	71.6	7.20	73.3	7.33
	12	56.1	7.38	61.8	7.32	65.4	7.31	66.9	7.31	68.3	7.33	70.7	7.38	72.2	7.47
	14	56.1	7.58	61.2	7.55	64.6	7.55	66.1	7.55	67.5	7.56	69.7	7.59	71.2	7.64
	16	56.1	7.83	60.5	7.81	63.9	7.82	65.3	7.82	66.6	7.82	68.7	7.84	70.1	7.86
	18	55.9	8.10	59.8	8.10	63.1	8.11	64.5	8.12	65.8	8.12	67.8	8.12	69.1	8.12
	20	55.2	8.40	59.1	8.42	62.3	8.44	63.7	8.44	64.9	8.44	66.8	8.43	68.0	8.42
	21	54.9	8.57	58.7	8.59	61.9	8.61	63.3	8.62	64.5	8.62	66.2	8.61	67.5	8.58
	23	54.2	8.92	58.0	8.95	61.1	8.98	62.4	8.99	63.6	8.99	65.2	8.97	66.5	8.94
	25	53.6	9.30	57.3	9.35	60.3	9.38	61.6	9.39	62.6	9.39	64.2	9.38	65.4	9.35
	27	53.0	9.71	56.6	9.77	59.5	9.81	60.7	9.82	61.7	9.83	63.2	9.82	64.4	9.79
	29	52.3	10.2	55.9	10.2	58.7	10.3	59.8	10.3	60.8	10.3	62.2	10.3	63.4	10.3
	31	51.7	10.6	55.1	10.7	57.8	10.8	58.9	10.8	59.8	10.8	61.1	10.8	62.3	10.8
	33	51.0	11.1	54.4	11.2	57.0	11.3	58.0	11.3	58.8	11.3	60.1	11.3	61.3	11.4
	35	50.3	11.7	53.6	11.7	56.1	11.8	57.0	11.8	57.8	11.9	59.0	11.9	60.2	12.0
	37	50.3	11.9	53.6	11.9	56.1	12.0	57.0	12.0	57.8	12.0	59.0	12.0	60.2	12.0
	39	50.3	12.8	53.6	12.8	56.1	12.9	57.0	12.9	57.8	12.9	59.0	12.9	60.2	13.0
50%	10	46.8	5.34	52.1	5.29	55.1	5.30	56.4	5.32	57.6	5.36	59.7	5.48	61.1	5.66
	12	46.8	5.47	51.5	5.41	54.5	5.40	55.8	5.41	56.9	5.44	58.9	5.52	60.2	5.64
	14	46.8	5.63	51.0	5.57	53.9	5.54	55.1	5.54	56.2	5.55	58.1	5.59	59.3	5.67
	16	46.8	5.82	50.4	5.75	53.2	5.71	54.4	5.70	55.5	5.70	57.3	5.71	58.4	5.74
	18	46.6	6.04	49.8	5.97	52.6	5.92	53.8	5.90	54.8	5.88	56.5	5.87	57.6	5.87
	20	46.0	6.29	49.2	6.21	51.9	6.16	53.1	6.13	54.1	6.11	55.6	6.07	56.7	6.04
	21	45.7	6.42	49.0	6.35	51.6	6.29	52.7	6.26	53.7	6.23	55.2	6.18	56.3	6.14
	23	45.2	6.72	48.4	6.64	51.0	6.58	52.0	6.54	53.0	6.51	54.4	6.44	55.4	6.38
	25	44.7	7.05	47.8	6.97	50.3	6.90	51.3	6.86	52.2	6.82	53.5	6.75	54.5	6.67
	27	44.1	7.41	47.2	7.32	49.6	7.25	50.6	7.21	51.4	7.17	52.7	7.09	53.7	7.01
	29	43.6	7.80	46.6	7.71	48.9	7.64	49.8	7.60	50.6	7.56	51.8	7.48	52.8	7.39
	31	43.0	8.22	45.9	8.13	48.2	8.06	49.1	8.02	49.8	7.98	50.9	7.90	51.9	7.83
	33	42.5	8.67	45.3	8.58	47.5	8.51	48.3	8.48	49.0	8.44	50.1	8.37	51.1	8.31
	35	41.9	9.16	44.7	9.06	46.7	9.00	47.5	8.97	48.1	8.94	49.2	8.88	50.2	8.83
	37	41.9	9.34	44.7	9.32	46.7	9.29	47.5	9.28	48.1	9.27	49.2	9.24	50.2	9.22
	39	41.9	10.2	44.7	10.2	46.7	10.1	47.5	10.1	48.1	10.1	49.2	10.1	50.2	10.1
40%	10	37.4	3.69	41.7	3.59	44.1	3.49	45.1	3.44	46.1	3.39	47.7	3.29	48.9	3.19
	12	37.4	3.91	41.2	3.81	43.6	3.71	44.6	3.66	45.5	3.62	47.1	3.52	48.1	3.42
	14	37.4	4.12	40.8	4.03	43.1	3.94	44.1	3.89	45.0	3.85	46.5	3.75	47.4	3.66
	16	37.4	4.34	40.3	4.25	42.6	4.16	43.6	4.12	44.4	4.07	45.8	3.99	46.7	3.90
	18	37.2	4.56	39.9	4.47	42.1	4.39	43.0	4.34	43.9	4.30	45.1	4.22	46.0	4.13
	20	36.8	4.77	39.4	4.69	41.6	4.61	42.5	4.57	43.3	4.53	44.5	4.45	45.4	4.37
	21	36.6	4.88	39.2	4.80	41.3	4.72	42.2	4.68	43.0	4.64	44.2	4.57	45.0	4.49
	23	36.2	5.10	38.7	5.02	40.8	4.95	41.6	4.91	42.4	4.87	43.5	4.80	44.3	4.72
	25	35.7	5.31	38.2	5.24	40.2	5.17	41.1	5.14	41.8	5.10	42.8	5.03	43.6	4.96
	27	35.3	5.53	37.7	5.46	39.7	5.40	40.5	5.36	41.1	5.33	42.1	5.26	42.9	5.20
	29	34.9	5.75	37.2	5.69	39.1	5.62	39.9	5.59	40.5	5.56	41.4	5.50	42.2	5.43
	31	34.4	5.97	36.8	5.91	38.6	5.85	39.3	5.82	39.8	5.79	40.7	5.73	41.5	5.67
	33	34.0	6.18	36.2	6.13	38.0	6.07	38.6	6.04	39.2	6.02	40.0	5.96	40.9	5.90
	35	33.5	6.40	35.7	6.35	37.4	6.30	38.0	6.27	38.5	6.24	39.3	6.19	40.2	6.14
	37	33.5	7.56	35.7	7.50	37.4	7.45	38.0	7.42	38.5	7.39	39.3	7.33	40.2	7.27
	39	33.5	8.21	35.7	8.15	37.4	8.10	38.0	8.07	38.5	8.04	39.3	7.98	40.2	7.93
30%	10	30.1	2.58	32.1	2.48	34.2	2.38	35.3	2.34	36.4	2.29	38.6	2.19	40.9	2.10
	12	29.7	2.74	31.7	2.65	33.8	2.56	34.8	2.51	35.9	2.46	38.1	2.37	40.3	2.27
	14	29.3	2.91	31.3	2.82	33.3	2.73	34.3	2.68	35.4	2.63	37.5	2.54	39.8	2.45
	16	28.9	3.08	30.8	2.99	32.8	2.90	33.8	2.85	34.9	2.81	37.0	2.72	39.2	2.63
	18	28.4	3.24	30.3	3.16	32.3	3.07	33.3	3.03	34.3	2.98	36.4	2.89	38.6	2.81
	20	27.9	3.41	29.8	3.32	31.8	3.24	32.8	3.20	33.8	3.16	35.9	3.07	38.0	2.99
	21	27.7	3.49	29.6	3.41	31.5	3.33	32.5	3.28	33.5	3.24	35.6	3.16	37.7	3.07
	23	27.2	3.66	29.1	3.58	31.0	3.50	32.0	3.46	33.0	3.42	35.0	3.33	37.1	3.25
	25	26.8	3.83	28.6	3.75	30.5	3.67	31.4	3.63	32.4	3.59	34.4	3.51	36.4	3.43
	27	26.3	3.99	28.1	3.92	29.9	3.84	30.9	3.80	31.8	3.76	33.8	3.69	35.8	3.61
	29	25.7	4.16	27.5	4.08	29.4	4.01	30.3	3.97	31.2	3.94	33.2	3.86	35.2	3.79
	31	25.2	4.32	27.0	4.25	28.8	4.18	29.7	4.14	30.6	4.11	32.5	4.04	34.5	3.96
	33	24.7	4.49	26.4	4.42	28.2	4.35	29.1	4.32	30.0	4.28	31.9	4.21	33.8	4.14
	35	24.1	4.66	25.9	4.59	27.6	4.52	28.5	4.49	29.4	4.46	31.3	4.39	33.2	4.32
	37	24.1	5.81	25.9	5.74	27.6	5.67	28.5	5.64	29.4	5.61	31.3	5.54	33.2	5.47
	39	24.1	6.24	25.9	6.18	27.6	6.11	28.5	6.07	29.4	6.04	31.3	5.97	33.2	5.90

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ36AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	113	18.8	121	19.0	126	19.3	128	19.5	130	19.6	132	19.9	135	20.2
	12	112	19.4	119	19.7	124	20.0	126	20.1	128	20.3	131	20.6	133	21.0
	14	111	20.0	118	20.3	123	20.6	124	20.8	126	21.0	129	21.3	132	21.7
	16	110	20.7	116	21.0	121	21.4	123	21.6	124	21.7	127	22.1	130	22.5
	18	108	21.5	115	21.8	119	22.2	121	22.3	122	22.5	125	22.9	128	23.4
	20	107	22.3	113	22.6	117	23.0	119	23.2	120	23.4	123	23.8	126	24.3
	21	106	22.7	113	23.0	117	23.4	118	23.6	119	23.8	122	24.3	125	24.7
	23	105	23.6	111	23.9	115	24.3	116	24.5	118	24.7	120	25.2	123	25.7
	25	104	24.5	109	24.9	113	25.3	114	25.5	116	25.7	119	26.2	122	26.7
	27	102	25.5	108	25.9	111	26.3	113	26.5	114	26.7	117	27.2	120	27.7
	29	101	26.5	106	26.9	109	27.3	111	27.5	112	27.8	115	28.2	118	28.8
	31	99.5	27.6	105	28.0	108	28.4	109	28.6	110	28.9	113	29.4	116	29.9
	33	98.0	28.7	103	29.1	106	29.5	107	29.8	109	30.0	111	30.5	114	31.0
	35	96.6	29.9	101	30.3	104	30.7	105	31.0	107	31.2	110	31.7	112	32.2
	37	95.1	31.2	99.2	31.6	102	32.0	103	32.2	105	32.4	108	32.9	111	33.5
	39	93.6	32.5	97.3	32.8	100	33.3	102	33.5	103	33.7	106	34.2	109	34.7
120%	10	110	18.7	117	19.0	123	19.2	126	19.4	128	19.5	130	19.8	133	20.1
	12	109	19.3	116	19.6	122	19.9	124	20.0	126	20.2	129	20.5	131	20.9
	14	108	20.0	115	20.3	120	20.6	122	20.7	124	20.9	127	21.2	129	21.6
	16	106	20.7	113	21.0	119	21.3	121	21.5	122	21.6	125	22.0	127	22.4
	18	105	21.4	112	21.7	117	22.1	119	22.2	120	22.4	123	22.8	126	23.3
	20	104	22.2	111	22.5	115	22.9	117	23.1	119	23.3	121	23.7	124	24.2
	21	103	22.6	110	23.0	115	23.3	116	23.5	118	23.7	120	24.1	123	24.6
	23	102	23.5	108	23.8	113	24.2	114	24.4	116	24.6	118	25.1	121	25.6
	25	101	24.4	107	24.8	111	25.2	113	25.4	114	25.6	117	26.1	119	26.5
	27	99.5	25.4	105	25.8	110	26.2	111	26.4	112	26.6	115	27.1	117	27.6
	29	98.2	26.4	104	26.8	108	27.2	109	27.4	110	27.7	113	28.1	116	28.6
	31	96.9	27.5	102	27.9	106	28.3	107	28.5	109	28.8	111	29.2	114	29.8
	33	95.6	28.6	101	29.0	104	29.4	105	29.7	107	29.9	109	30.4	112	30.9
	35	94.2	29.8	99.2	30.2	102	30.6	104	30.9	105	31.1	108	31.6	110	31.9
	37	92.8	31.0	97.6	31.4	100	31.9	102	32.1	103	32.3	106	32.8	108	33.3
	39	91.3	32.3	95.9	32.7	98.5	33.1	99.8	33.4	101	33.6	104	34.1	106	34.6
110%	10	106	18.6	114	18.9	120	19.2	123	19.3	125	19.4	128	19.7	131	20.0
	12	105	19.2	112	19.5	118	19.8	121	19.9	123	20.1	127	20.4	129	20.8
	14	104	19.9	111	20.2	117	20.5	120	20.6	122	20.8	125	21.1	127	21.5
	16	103	20.6	110	20.9	116	21.2	118	21.4	120	21.5	123	21.9	125	22.3
	18	102	21.3	109	21.6	114	22.0	116	22.1	118	22.3	121	22.7	123	23.1
	20	101	22.1	107	22.4	113	22.8	115	23.0	117	23.2	119	23.6	122	24.0
	21	99.9	22.6	107	22.9	112	23.2	114	23.4	116	23.6	118	24.0	121	24.5
	23	98.8	23.4	105	23.8	110	24.1	112	24.3	114	24.5	116	24.9	119	25.4
	25	97.6	24.3	104	24.7	109	25.1	111	25.3	112	25.5	115	25.9	117	26.4
	27	96.4	25.3	103	25.7	107	26.0	109	26.3	110	26.5	113	26.9	115	27.4
	29	95.2	26.3	101	26.7	106	27.1	107	27.3	109	27.5	111	28.0	113	28.5
	31	94.0	27.4	99.8	27.8	104	28.2	106	28.4	107	28.6	109	29.1	112	29.6
	33	92.7	28.5	98.4	28.9	102	29.3	104	29.5	105	29.8	107	30.3	110	30.8
	35	91.4	29.7	96.9	30.1	101	30.5	102	30.7	103	31.0	105	31.5	108	32.0
	37	90.1	30.9	95.4	31.3	98.8	31.7	100	32.0	101	32.2	104	32.7	106	33.2
	39	88.7	32.1	93.8	32.6	97.0	33.0	98.2	33.3	99.4	33.5	102	34.0	104	34.5
100%	10	98.5	18.5	110	18.8	116	19.0	119	19.2	121	19.3	126	19.6	129	19.9
	12	98.5	19.1	108	19.4	115	19.7	117	19.8	120	19.9	124	20.3	127	20.6
	14	98.5	19.8	107	20.0	113	20.3	116	20.5	118	20.6	122	21.0	125	21.3
	16	98.5	20.5	106	20.7	112	21.0	115	21.2	117	21.4	121	21.7	123	22.1
	18	98.0	21.2	105	21.5	111	21.8	113	22.0	115	22.1	119	22.5	121	23.0
	20	96.9	22.0	104	22.3	109	22.6	112	22.8	114	23.0	117	23.4	119	23.8
	21	96.3	22.5	103	22.7	109	23.0	111	23.2	113	23.4	116	23.8	118	24.3
	23	95.2	23.3	102	23.6	107	23.9	110	24.1	112	24.3	114	24.7	117	25.2
	25	94.0	24.2	101	24.5	106	24.9	108	25.1	110	25.3	113	25.7	115	26.2
	27	92.9	25.2	99.3	25.5	104	25.9	107	26.1	108	26.3	111	26.7	113	27.2
	29	91.8	26.2	98.0	26.6	103	26.9	105	27.1	107	27.3	109	27.8	111	28.3
	31	90.6	27.3	96.7	27.6	101	28.0	103	28.2	105	28.4	107	28.9	109	29.4
	33	89.5	28.4	95.4	28.8	99.9	29.2	102	29.4	103	29.6	105	30.0	108	30.5
	35	88.3	29.6	94.0	30.0	98.4	30.4	100	30.6	101	30.8	104	31.3	106	31.7
	37	87.1	30.8	92.6	31.2	96.8	31.6	98.3	31.8	99.5	32.1	102	32.5	104	33.1
	39	85.8	32.0	91.2	32.5	95.1	32.9	96.5	33.1	97.6	33.4	99.8	33.8	102	34.3
90%	10	88.6	15.4	98.7	15.5	104	15.7	107	15.8	109	15.8	113	16.0	116	16.2
	12	88.6	15.9	97.6	16.1	103	16.2	106	16.3	108	16.4	112	16.6	114	16.8
	14	88.6	16.4	96.6	16.6	102	16.8	104	16.9	107	17.0	110	17.2	112	17.4
	16	88.6	17.0	95.5	17.2	101	17.4	103	17.5	105	17.6	109	17.8	111	18.1
	18	88.2	17.6	94.4	17.8	99.6	18.0	102	18.1	104	18.3	107	18.5	109	18.8
	20	87.2	18.3	93.3	18.5	98.4	18.7	101	18.8	102	19.0	105	19.2	107	19.5
	21	86.7	18.6	92.7	18.8	97.8	19.1	99.9	19.2	102	19.3	105	19.6	107	19.9
	23	85.7	19.3	91.6	19.6	96.5	19.8	98.6	20.0	100	20.1	103	20.4	105	20.7
	25	84.6	20.1	90.5	20.3	95.3	20.6	97.2	20.8	98.9	20.9	101	21.2	103	21.5
	27	83.6	20.9	89.4	21.1	94.0	21.5	95.9	21.6	97.4	21.8	99.8	22.1	102	22.4
	29	82.6	21.7	88.2	22.0	92.7	22.3	94.4	22.5	95.9	22.7	98.2	23.0	100	23.3
	31	81.6	22.6	87.0	22.9	91.3	23.2	93.0	23.4	94.4	23.6	96.5	23.9	98.4	24.2
	33	80.5	23.5	85.8	23.8	89.9	24.2	91.5	24.4	92.8	24.5	94.8	24.9	96.8	25.2
	35	79.4	24.5	84.6	24.8	88.5	25.2	90.0	25.4	91.2	25.6	93.2	25.9	95.1	26.3
	37	79.4	26.1	84.6	26.5	88.5	26.8	90.0	27.0	91.2	27.1	93.2	27.5	95.1	27.8
	39	79.4	28.3	84.6	28.7	88.5	29.0	90.0	29.1	91.2	29.3	93.2	29.6	95.1	30.1
80%	10	78.8	12.6	87.8	12.6	92.8	12.7	95.0	12.7	97.0	12.7	101	12.8	103	13.0
	12	78.8	13.0	86.8	13.0	91.8	13.1	93.9	13.1	95.9	13.2	99.2	13.3	101	13.4
	14	78.8	13.4	85.8	13.5	90.7	13.6	92.8	13.6	94.7	13.7	97.8	13.8	99.9	13.9
	16	78.8	13.8	84.9	14.0	89.6	14.1	91.7	14.1	93.5	14.2	96.4	14.3	98.4	14.4
	18	78.4	14.3	83.9	14.5	88.6	14.6	90.6	14.7	92.3	14.7	95.2	14.9	96.9	15.0
	20	77.5	14.8	82.9	15.0	87.5	15.2	89.4	15.3	91.1	15.3	93.7	15.5	95.5	15.6
	21	77.0	15.1	82.4	15.3	86.9	15.5	88.8	15.6	90.5	15.6	93.0	15.8	94.8	15.9
	23	76.1	15.7	81.5	15.9	85.8	16.1	87.6	16.2	89.2	16.3	91.5	16.4	93.3	16.6
	25	75.2	16.3	80.5	16.5	84.7	16.8	86.4	16.9	87.9	16.9	90.1	17.1	91.8	17.3
	27	74.3	16.9	79.4	17.2	83.5	17.4	85.2	17.5	86.6	17.7	88.7	17.8	90.4	18.0
	29	73.4	17.6	78.4	17.9	82.4	18.2	83.9	18.3	85.3	18.4	87.2	18.6	88.9	18.8
	31	72.5	18.4	77.4	18.6	81.2	18.9	82.7	19.0	83.9	19.2	85.8	19.4	87.5	19.6
	33	71.6	19.1	76.3	19.4	79.9	19.7	81.3	19.8	82.5	20.0	84.3	20.2	86.0	20.5
	35	70.6	19.9	75.2	20.2	78.7	20.5	80.0	20.7	81.1	20.8	82.8	21.1	84.5	21.3
	37	70.6	20.8	75.2	21.0	78.7	21.2	80.0	21.3	81.1	21.4	82.8	21.6	84.5	21.8
	39	70.6	22.4	75.2	22.6	78.7	22.8	80.0	22.9	81.1	23.0	82.8	23.2	84.5	23.4

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	68.9	10.1	76.8	10.0	81.2	10.0	83.1	10.0	84.9	10.0	88.0	10.1	90.0	10.2
	12	68.9	10.4	75.9	10.3	80.3	10.3	82.2	10.4	83.9	10.4	86.8	10.4	88.7	10.5
	14	68.9	10.7	75.1	10.7	79.4	10.7	81.2	10.7	82.9	10.8	85.6	10.8	87.4	10.9
	16	68.9	11.0	74.3	11.0	78.4	11.1	80.2	11.1	81.8	11.2	84.4	11.2	86.1	11.3
	18	68.6	11.4	73.4	11.5	77.5	11.5	79.2	11.6	80.8	11.6	83.3	11.6	84.8	11.7
	20	67.8	11.8	72.6	11.9	76.5	12.0	78.2	12.0	79.7	12.1	82.0	12.1	83.5	12.1
	21	67.4	12.0	72.1	12.1	76.1	12.2	77.7	12.3	79.2	12.3	81.4	12.4	82.9	12.4
	23	66.6	12.5	71.3	12.6	75.1	12.7	76.7	12.8	78.1	12.8	80.1	12.9	81.6	12.9
	25	65.8	13.0	70.4	13.1	74.1	13.3	75.6	13.3	76.9	13.4	78.9	13.4	80.4	13.5
	27	65.0	13.5	69.5	13.7	73.1	13.8	74.6	13.9	75.8	14.0	77.6	14.0	79.1	14.1
	29	64.2	14.1	68.6	14.3	72.1	14.4	73.5	14.5	74.6	14.6	76.3	14.7	77.8	14.7
	31	63.4	14.7	67.7	14.9	71.0	15.1	72.3	15.1	73.4	15.2	75.1	15.3	76.5	15.4
	33	62.6	15.3	66.8	15.5	70.0	15.7	71.2	15.8	72.2	15.9	73.8	16.0	75.3	16.2
	35	61.8	16.0	65.8	16.2	68.9	16.4	70.0	16.5	70.9	16.6	72.5	16.8	74.0	16.9
	37	61.8	16.6	65.8	16.7	68.9	16.8	70.0	16.9	70.9	16.9	72.5	17.0	74.0	17.1
	39	61.8	17.8	65.8	17.9	68.9	18.0	70.0	18.1	70.9	18.1	72.5	18.3	74.0	18.4
60%	10	59.1	7.81	65.8	7.73	69.6	7.70	71.2	7.71	72.8	7.73	75.4	7.81	77.1	7.95
	12	59.1	8.00	65.1	7.95	68.8	7.93	70.4	7.93	71.9	7.95	74.4	8.01	76.0	8.10
	14	59.1	8.23	64.4	8.20	68.0	8.19	69.6	8.19	71.0	8.20	73.3	8.24	74.9	8.29
	16	59.1	8.49	63.7	8.48	67.2	8.48	68.8	8.48	70.1	8.49	72.3	8.50	73.8	8.53
	18	58.8	8.79	62.9	8.79	66.4	8.80	67.9	8.81	69.2	8.81	71.4	8.81	72.7	8.81
	20	58.1	9.12	62.2	9.14	65.6	9.16	67.1	9.16	68.3	9.16	70.3	9.15	71.6	9.13
	21	57.8	9.30	61.8	9.32	65.2	9.35	66.6	9.35	67.9	9.35	69.7	9.34	71.1	9.31
	23	57.1	9.68	61.1	9.72	64.4	9.75	65.7	9.75	66.9	9.75	68.7	9.74	70.0	9.70
	25	56.4	10.1	60.3	10.1	63.5	10.2	64.8	10.2	65.9	10.2	67.6	10.2	68.9	10.1
	27	55.7	10.5	59.6	10.6	62.7	10.6	63.9	10.7	65.0	10.7	66.5	10.7	67.8	10.6
	29	55.1	11.0	58.8	11.1	61.8	11.1	63.0	11.2	63.9	11.2	65.4	11.2	66.7	11.1
	31	54.4	11.5	58.0	11.6	60.9	11.7	62.0	11.7	62.9	11.7	64.3	11.7	65.6	11.7
	33	53.7	12.1	57.2	12.2	60.0	12.2	61.0	12.3	61.9	12.3	63.2	12.3	64.5	12.3
	35	53.0	12.7	56.4	12.7	59.0	12.8	60.0	12.9	60.8	12.9	62.1	12.9	63.4	13.0
	37	53.0	12.9	56.4	13.0	59.0	13.0	60.0	13.0	60.8	13.0	62.1	13.0	63.4	13.1
	39	53.0	13.9	56.4	13.9	59.0	14.0	60.0	14.0	60.8	14.0	62.1	14.0	63.4	14.1
50%	10	49.2	5.80	54.8	5.74	58.0	5.75	59.4	5.77	60.6	5.82	62.8	5.95	64.3	6.14
	12	49.2	5.94	54.2	5.87	57.3	5.86	58.7	5.87	59.9	5.90	62.0	5.99	63.4	6.12
	14	49.2	6.11	53.6	6.04	56.7	6.01	58.0	6.01	59.2	6.02	61.1	6.07	62.4	6.15
	16	49.2	6.31	53.0	6.24	56.0	6.20	57.3	6.19	58.5	6.18	60.3	6.19	61.5	6.23
	18	49.0	6.55	52.4	6.47	55.4	6.42	56.6	6.40	57.7	6.39	59.5	6.37	60.6	6.37
	20	48.4	6.82	51.8	6.74	54.7	6.68	55.9	6.65	56.9	6.63	58.6	6.58	59.7	6.55
	21	48.1	6.97	51.5	6.89	54.3	6.82	55.5	6.79	56.5	6.76	58.1	6.71	59.2	6.66
	23	47.6	7.29	50.9	7.21	53.6	7.14	54.8	7.10	55.8	7.06	57.2	6.99	58.3	6.93
	25	47.0	7.65	50.3	7.56	52.9	7.48	54.0	7.44	55.0	7.40	56.3	7.32	57.4	7.24
	27	46.5	8.04	49.7	7.95	52.2	7.87	53.3	7.83	54.1	7.78	55.4	7.69	56.5	7.61
	29	45.9	8.46	49.0	8.37	51.5	8.29	52.5	8.24	53.3	8.20	54.5	8.11	55.6	8.02
	31	45.3	8.92	48.4	8.82	50.7	8.74	51.7	8.70	52.4	8.66	53.6	8.58	54.7	8.49
	33	44.7	9.41	47.7	9.31	50.0	9.24	50.8	9.20	51.6	9.16	52.7	9.08	53.8	9.01
	35	44.1	9.93	47.0	9.83	49.2	9.76	50.0	9.73	50.7	9.70	51.8	9.64	52.8	9.59
	37	44.1	10.1	47.0	10.1	49.2	10.1	50.0	10.1	50.7	10.1	51.8	10.0	52.8	10.0
	39	44.1	11.0	47.0	11.0	49.2	11.0	50.0	11.0	50.7	11.0	51.8	10.9	52.8	10.9
40%	10	39.4	4.00	43.9	3.89	46.4	3.79	47.5	3.73	48.5	3.68	50.3	3.57	51.4	3.46
	12	39.4	4.24	43.4	4.13	45.9	4.03	47.0	3.98	47.9	3.92	49.6	3.82	50.7	3.72
	14	39.4	4.47	42.9	4.37	45.4	4.27	46.4	4.22	47.4	4.17	48.9	4.07	49.9	3.97
	16	39.4	4.71	42.4	4.61	44.8	4.52	45.8	4.47	46.8	4.42	48.2	4.32	49.2	4.23
	18	39.2	4.94	42.0	4.85	44.3	4.76	45.3	4.71	46.2	4.67	47.5	4.58	48.5	4.48
	20	38.7	5.18	41.5	5.09	43.7	5.00	44.7	4.96	45.5	4.92	46.8	4.83	47.7	4.74
	21	38.5	5.30	41.2	5.21	43.5	5.13	44.4	5.08	45.2	5.04	46.5	4.95	47.4	4.87
	23	38.1	5.53	40.7	5.45	42.9	5.37	43.8	5.33	44.6	5.29	45.8	5.21	46.6	5.13
	25	37.6	5.77	40.2	5.69	42.3	5.61	43.2	5.57	44.0	5.54	45.1	5.46	45.9	5.38
	27	37.2	6.00	39.7	5.93	41.8	5.86	42.6	5.82	43.3	5.78	44.3	5.71	45.2	5.64
	29	36.7	6.24	39.2	6.17	41.2	6.10	42.0	6.07	42.6	6.03	43.6	5.96	44.5	5.89
	31	36.2	6.47	38.7	6.41	40.6	6.34	41.3	6.31	41.9	6.28	42.9	6.22	43.7	6.15
	33	35.8	6.71	38.1	6.65	40.0	6.59	40.7	6.56	41.2	6.53	42.2	6.47	43.0	6.41
	35	35.3	6.94	37.6	6.89	39.3	6.83	40.0	6.80	40.5	6.78	41.4	6.72	42.3	6.66
	37	35.3	8.20	37.6	8.14	39.3	8.08	40.0	8.05	40.5	8.02	41.4	7.96	42.3	7.89
	39	35.3	8.91	37.6	8.85	39.3	8.79	40.0	8.75	40.5	8.72	41.4	8.66	42.3	8.60
30%	10	31.7	2.80	33.8	2.69	36.0	2.59	37.2	2.54	38.3	2.48	40.6	2.38	43.0	2.27
	12	31.3	2.98	33.4	2.87	35.5	2.77	36.7	2.72	37.8	2.67	40.1	2.57	42.4	2.47
	14	30.8	3.16	32.9	3.06	35.0	2.96	36.1	2.91	37.2	2.86	39.5	2.76	41.9	2.66
	16	30.4	3.34	32.4	3.24	34.5	3.14	35.6	3.10	36.7	3.05	38.9	2.95	41.2	2.85
	18	29.9	3.52	31.9	3.42	34.0	3.33	35.1	3.28	36.2	3.24	38.4	3.14	40.6	3.05
	20	29.4	3.70	31.4	3.61	33.5	3.52	34.5	3.47	35.6	3.42	37.8	3.33	40.0	3.24
	21	29.2	3.79	31.2	3.70	33.2	3.61	34.2	3.56	35.3	3.52	37.5	3.43	39.7	3.34
	23	28.7	3.97	30.6	3.88	32.6	3.79	33.7	3.75	34.7	3.71	36.8	3.62	39.0	3.53
	25	28.2	4.15	30.1	4.07	32.1	3.98	33.1	3.94	34.1	3.89	36.2	3.81	38.4	3.72
	27	27.6	4.33	29.5	4.25	31.5	4.17	32.5	4.12	33.5	4.08	35.6	4.00	37.7	3.92
	29	27.1	4.51	29.0	4.43	30.9	4.35	31.9	4.31	32.9	4.27	34.9	4.19	37.0	4.11
	31	26.6	4.69	28.4	4.61	30.3	4.54	31.3	4.50	32.3	4.46	34.3	4.38	36.3	4.30
	33	26.0	4.87	27.8	4.80	29.7	4.72	30.6	4.68	31.6	4.65	33.6	4.57	35.6	4.50
	35	25.4	5.05	27.2	4.98	29.1	4.91	30.0	4.87	31.0	4.83	32.9	4.76	34.9	4.69
	37	25.4	6.30	27.2	6.23	29.1	6.16	30.0	6.12	31.0	6.08	32.9	6.01	34.9	5.93
	39	25.4	6.78	27.2	6.70	29.1	6.63	30.0	6.59	31.0	6.55	32.9	6.47	34.9	6.40

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ38AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	121	20.3	128	20.5	135	20.8	137	20.9	138	21.0	141	21.2	144	21.4
	12	119	20.9	127	21.2	133	21.5	135	21.7	136	21.9	139	22.1	142	22.3
	14	118	21.6	125	21.9	131	22.3	133	22.4	134	22.6	137	23.0	140	23.3
	16	116	22.4	124	22.7	129	23.1	130	23.2	132	23.4	135	23.9	138	24.3
	18	115	23.2	122	23.5	127	23.9	128	24.1	130	24.3	133	24.7	136	25.2
	20	114	24.0	120	24.4	125	24.8	126	25.0	128	25.2	131	25.7	134	26.2
	21	113	24.5	120	24.9	124	25.3	125	25.5	127	25.7	130	26.2	133	26.7
	23	111	25.4	118	25.8	122	26.2	123	26.5	125	26.7	128	27.2	131	27.7
	25	110	26.4	116	26.8	120	27.3	122	27.5	123	27.7	126	28.2	129	28.8
	27	108	27.5	115	27.9	118	28.3	120	28.6	121	28.8	124	29.3	127	29.9
	29	107	28.6	113	29.0	116	29.5	118	29.7	119	29.9	122	30.5	125	31.0
	31	105	29.8	111	30.2	114	30.6	116	30.9	117	31.1	120	31.7	123	32.2
	33	104	31.0	109	31.4	113	31.9	114	32.1	115	32.4	118	32.9	121	33.4
	35	102	32.3	107	32.7	111	33.1	112	33.4	114	33.6	116	34.1	119	34.7
	37	101	33.4	106	33.8	109	34.3	110	34.5	112	34.8	114	35.5	117	36.1
	39	99.2	34.6	104	35.0	107	35.9	108	36.1	109	36.4	112	36.9	115	37.5
120%	10	117	20.2	125	20.5	132	20.8	134	20.9	136	21.1	139	21.4	142	21.6
	12	115	20.8	123	21.1	130	21.4	132	21.6	134	21.8	137	22.1	140	22.5
	14	114	21.5	122	21.8	128	22.2	130	22.3	132	22.5	135	22.9	137	23.3
	16	113	22.3	120	22.6	126	23.0	128	23.1	130	23.3	133	23.7	135	24.2
	18	111	23.1	119	23.4	124	23.8	126	24.0	128	24.2	131	24.6	133	25.1
	20	110	24.0	117	24.3	123	24.7	124	24.9	126	25.1	129	25.6	131	26.0
	21	109	24.4	116	24.8	122	25.2	123	25.4	125	25.6	128	26.0	130	26.5
	23	108	25.4	115	25.7	120	26.1	122	26.3	123	26.6	126	27.0	128	27.6
	25	107	26.4	113	26.7	118	27.1	120	27.4	121	27.6	124	28.1	126	28.6
	27	105	27.4	112	27.8	116	28.2	118	28.4	119	28.7	122	29.2	124	29.7
	29	104	28.5	110	28.9	114	29.3	116	29.6	117	29.8	120	30.3	123	30.9
	31	103	29.7	109	30.1	113	30.5	114	30.8	115	31.0	118	31.5	121	32.1
	33	101	30.9	107	31.3	111	31.7	112	32.0	113	32.2	116	32.8	119	33.3
	35	99.8	32.1	105	32.6	109	33.0	110	33.3	112	33.5	114	34.1	117	34.5
	37	98.3	33.3	104	33.9	107	34.4	108	34.6	110	34.9	112	35.4	115	36.0
	39	96.9	34.5	102	35.0	105	35.7	106	36.0	107	36.3	110	36.8	113	37.3
110%	10	113	20.1	121	20.4	128	20.7	131	20.8	133	21.0	137	21.3	139	21.6
	12	111	20.8	120	21.0	126	21.3	129	21.5	131	21.7	135	22.0	137	22.4
	14	110	21.5	118	21.8	125	22.1	127	22.2	130	22.4	133	22.8	135	23.2
	16	109	22.2	117	22.5	123	22.9	126	23.0	128	23.2	131	23.6	133	24.0
	18	108	23.0	115	23.3	121	23.7	124	23.9	126	24.1	129	24.5	131	25.0
	20	107	23.9	114	24.2	120	24.6	122	24.8	124	25.0	126	25.4	129	25.9
	21	106	24.3	113	24.7	119	25.0	121	25.2	123	25.5	125	25.9	128	26.4
	23	105	25.3	112	25.6	117	26.0	119	26.2	121	26.4	123	26.9	126	27.4
	25	103	26.3	110	26.6	115	27.0	117	27.2	119	27.5	121	28.0	124	28.5
	27	102	27.3	109	27.7	114	28.1	116	28.3	117	28.6	120	29.0	122	29.6
	29	101	28.4	107	28.8	112	29.2	114	29.4	115	29.7	118	30.2	120	30.7
	31	99.6	29.5	106	29.9	110	30.4	112	30.6	113	30.9	116	31.4	118	31.9
	33	98.2	30.7	104	31.2	109	31.6	110	31.9	111	32.1	114	32.6	116	33.2
	35	96.9	32.0	103	32.4	107	32.9	108	33.1	110	33.4	112	33.9	114	34.5
	37	95.5	33.2	101	33.7	105	34.2	106	34.5	108	34.7	110	35.3	112	35.8
	39	94.1	34.3	99.7	34.9	103	35.6	105	35.9	106	36.1	108	36.7	110	37.2
100%	10	105	20.0	117	20.3	124	20.5	127	20.7	130	20.8	134	21.1	137	21.4
	12	105	20.7	116	20.9	122	21.2	125	21.4	128	21.5	132	21.9	135	22.2
	14	105	21.4	114	21.6	121	21.9	124	22.1	126	22.3	130	22.6	133	23.0
	16	104	22.1	113	22.4	119	22.7	122	22.9	124	23.1	128	23.5	131	23.9
	18	104	22.9	111	23.2	118	23.5	120	23.7	123	23.9	126	24.3	128	24.8
	20	103	23.8	110	24.1	116	24.4	119	24.6	121	24.8	124	25.2	126	25.7
	21	102	24.2	109	24.5	115	24.9	118	25.1	120	25.3	123	25.7	126	26.2
	23	101	25.2	108	25.5	114	25.9	116	26.1	118	26.3	121	26.7	124	27.2
	25	99.7	26.1	107	26.5	112	26.9	115	27.1	116	27.3	119	27.8	122	28.3
	27	98.5	27.2	105	27.5	111	27.9	113	28.2	115	28.4	117	28.9	120	29.4
	29	97.3	28.3	104	28.7	109	29.1	111	29.3	113	29.5	116	30.0	118	30.5
	31	96.0	29.4	102	29.8	108	30.2	110	30.5	111	30.7	114	31.2	116	31.7
	33	94.8	30.6	101	31.0	106	31.5	108	31.7	109	31.9	112	32.4	114	33.0
	35	93.5	31.8	99.6	32.3	104	32.8	106	33.0	107	33.2	110	33.7	112	34.2
	37	92.2	32.9	98.1	33.4	103	33.9	104	34.1	106	34.4	108	35.1	110	35.6
	39	90.9	34.0	96.7	34.5	101	35.5	102	35.7	104	36.0	106	36.5	108	37.0
90%	10	94.2	16.0	105	16.1	111	16.2	114	16.3	116	16.3	120	16.5	123	16.7
	12	94.1	16.6	104	16.7	110	16.9	112	17.0	115	17.1	118	17.2	121	17.4
	14	94.0	17.3	103	17.4	108	17.6	111	17.7	113	17.8	117	18.0	119	18.2
	16	93.9	18.0	101	18.2	107	18.4	109	18.5	112	18.6	115	18.8	117	19.0
	18	93.4	18.7	100	18.9	106	19.1	108	19.2	110	19.3	113	19.6	116	19.8
	20	92.4	19.4	98.9	19.7	104	19.9	107	20.0	109	20.1	112	20.4	114	20.6
	21	91.9	19.8	98.3	20.0	104	20.3	106	20.4	108	20.5	111	20.8	113	21.0
	23	90.8	20.6	97.1	20.8	102	21.1	104	21.2	106	21.4	109	21.6	111	21.9
	25	89.7	21.4	95.9	21.6	101	21.9	103	22.1	105	22.2	107	22.5	109	22.8
	27	88.6	22.2	94.7	22.5	99.6	22.8	102	22.9	103	23.1	106	23.4	108	23.7
	29	87.5	23.0	93.5	23.3	98.2	23.6	100	23.8	102	24.0	104	24.3	106	24.6
	31	86.5	23.9	92.3	24.2	96.8	24.5	98.6	24.7	100	24.9	102	25.2	104	25.5
	33	85.4	24.8	91.1	25.1	95.3	25.4	97.0	25.6	98.3	25.8	100	26.1	103	26.5
	35	84.4	25.7	89.9	26.0	93.9	26.4	95.4	26.6	96.6	26.7	98.7	27.1	101	27.5
	37	84.4	27.6	89.9	27.9	93.9	28.3	95.4	28.4	96.6	28.6	98.7	28.9	101	29.3
	39	84.4	30.0	89.9	30.3	93.9	30.7	95.4	30.8	96.6	31.0	98.7	30.7	101	31.0
80%	10	83.8	12.5	93.4	12.6	98.7	12.6	101	12.6	103	12.7	107	12.7	109	12.8
	12	83.7	13.1	92.3	13.1	97.5	13.2	99.7	13.2	102	13.2	105	13.3	107	13.4
	14	83.6	13.6	91.2	13.7	96.3	13.8	98.5	13.8	100	13.9	104	13.9	106	14.1
	16	83.6	14.2	90.1	14.3	95.1	14.4	97.2	14.4	99.1	14.5	102	14.6	104	14.7
	18	83.1	14.7	89.0	14.9	93.9	15.0	96.0	15.1	97.8	15.1	101	15.2	103	15.3
	20	82.2	15.3	87.9	15.5	92.7	15.6	94.8	15.7	96.5	15.8	99.3	15.9	101	16.0
	21	81.7	15.7	87.4	15.8	92.1	16.0	94.1	16.0	95.9	16.1	98.6	16.2	100	16.4
	23	80.7	16.3	86.3	16.5	90.9	16.6	92.9	16.7	94.5	16.8	97.0	16.9	98.9	17.1
	25	79.8	16.9	85.3	17.1	89.7	17.3	91.6	17.4	93.2	17.5	95.5	17.6	97.3	17.8
	27	78.9	17.6	84.2	17.8	88.5	18.0	90.3	18.1	91.8	18.2	94.0	18.4	95.8	18.5
	29	78.0	18.3	83.2	18.5	87.3	18.7	89.0	18.8	90.4	18.9	92.4	19.1	94.2	19.3
	31	77.1	19.0	82.2	19.2	86.0	19.5	87.6	19.6	88.9	19.7	90.9	19.9	92.7	20.1
	33	76.2	19.7	81.1	20.0	84.8	20.2	86.2	20.3	87.4	20.5	89.3	20.7	91.1	20.9
	35	75.3	20.5	80.1	20.7	83.6	21.0	84.8	21.1	85.9	21.2	87.7	21.5	89.6	21.7
	37	75.3	21.6	80.1	21.8	83.6	22.0	84.8	22.1	85.9	22.2	87.7	22.4	89.6	22.6
	39	75.3	23.5	80.1	23.6	83.6	23.8	84.8	23.9	85.9	24.0	87.7	24.2	89.6	24.4

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	73.3	9.88	81.7	9.83	86.3	9.81	88.3	9.81	90.1	9.81	93.1	9.83	95.4	9.88
	12	73.2	10.3	80.7	10.3	85.2	10.3	87.2	10.3	88.9	10.3	91.9	10.3	94.0	10.3
	14	73.2	10.7	79.7	10.7	84.2	10.7	86.1	10.7	87.8	10.8	90.7	10.8	92.6	10.8
	16	73.1	11.2	78.8	11.2	83.1	11.2	85.0	11.2	86.7	11.2	89.5	11.3	91.3	11.3
	18	72.8	11.6	77.8	11.7	82.1	11.7	84.0	11.7	85.6	11.8	88.3	11.8	89.9	11.8
	20	71.9	12.1	76.9	12.2	81.1	12.2	82.9	12.3	84.5	12.3	86.9	12.3	88.5	12.4
	21	71.5	12.3	76.5	12.4	80.6	12.5	82.4	12.5	83.9	12.6	86.2	12.6	87.9	12.6
	23	70.7	12.9	75.5	13.0	79.6	13.0	81.3	13.1	82.7	13.1	84.9	13.2	86.5	13.2
	25	69.9	13.4	74.6	13.5	78.5	13.6	80.2	13.6	81.5	13.7	83.6	13.7	85.2	13.8
	27	69.1	13.9	73.7	14.0	77.5	14.2	79.0	14.2	80.3	14.3	82.2	14.3	83.8	14.4
	29	68.3	14.5	72.8	14.6	76.4	14.7	77.8	14.8	79.1	14.9	80.9	14.9	82.5	15.0
	31	67.5	15.1	71.9	15.2	75.3	15.3	76.7	15.4	77.8	15.5	79.5	15.6	81.1	15.7
	33	66.8	15.7	71.0	15.8	74.2	16.0	75.4	16.0	76.5	16.1	78.1	16.2	79.7	16.3
	35	66.0	16.3	70.1	16.4	73.1	16.6	74.2	16.7	75.1	16.7	76.8	16.9	78.4	17.0
	37	66.0	17.1	70.1	17.2	73.1	17.3	74.2	17.3	75.1	17.4	76.8	17.5	78.4	17.5
	39	66.0	18.5	70.1	18.6	73.1	18.6	74.2	18.7	75.1	18.7	76.8	18.8	78.4	18.9
60%	10	62.7	7.97	69.9	7.89	73.8	7.83	75.5	7.81	77.1	7.79	79.8	7.79	81.7	7.81
	12	62.7	8.28	69.0	8.22	72.9	8.17	74.6	8.15	76.2	8.13	78.8	8.12	80.6	8.13
	14	62.6	8.61	68.2	8.56	72.1	8.52	73.8	8.50	75.3	8.49	77.7	8.47	79.4	8.47
	16	62.6	8.96	67.5	8.92	71.3	8.89	72.9	8.88	74.3	8.87	76.7	8.84	78.2	8.82
	18	62.3	9.32	66.7	9.30	70.4	9.28	72.0	9.27	73.4	9.26	75.7	9.23	77.1	9.21
	20	61.6	9.70	65.9	9.69	69.5	9.68	71.1	9.67	72.4	9.66	74.5	9.64	75.9	9.61
	21	61.2	9.89	65.5	9.89	69.1	9.89	70.6	9.88	71.9	9.87	73.9	9.85	75.3	9.82
	23	60.5	10.3	64.7	10.3	68.2	10.3	69.7	10.3	70.9	10.3	72.8	10.3	74.2	10.3
	25	59.8	10.7	64.0	10.7	67.3	10.8	68.7	10.8	69.9	10.8	71.6	10.7	73.0	10.7
	27	59.1	11.2	63.1	11.2	66.4	11.2	67.7	11.2	68.8	11.2	70.5	11.2	71.8	11.2
	29	58.4	11.6	62.3	11.6	65.5	11.7	66.7	11.7	67.8	11.7	69.3	11.7	70.7	11.7
	31	57.7	12.1	61.6	12.1	64.5	12.2	65.7	12.2	66.7	12.2	68.1	12.2	69.5	12.2
	33	57.1	12.6	60.8	12.6	63.6	12.7	64.7	12.7	65.6	12.7	67.0	12.8	68.4	12.8
	35	56.4	13.1	60.0	13.1	62.7	13.2	63.6	13.2	64.4	13.3	65.8	13.3	67.2	13.4
	37	56.4	13.7	60.0	13.7	62.7	13.7	63.6	13.7	64.4	13.7	65.8	13.7	67.2	13.7
	39	56.4	14.8	60.0	14.8	62.7	14.8	63.6	14.8	64.4	14.8	65.8	14.8	67.2	14.8
50%	10	52.3	6.26	58.1	6.19	61.5	6.20	62.9	6.23	64.3	6.27	66.5	6.41	68.1	6.63
	12	52.2	6.40	57.5	6.33	60.8	6.32	62.2	6.34	63.5	6.36	65.7	6.46	67.1	6.60
	14	52.2	6.59	56.9	6.51	60.1	6.48	61.5	6.48	62.7	6.49	64.8	6.54	66.2	6.64
	16	52.2	6.81	56.2	6.73	59.4	6.69	60.7	6.67	61.9	6.67	63.9	6.68	65.2	6.72
	18	51.9	7.07	55.6	6.98	58.7	6.93	60.0	6.90	61.1	6.89	63.1	6.87	64.2	6.87
	20	51.3	7.36	54.9	7.27	57.9	7.21	59.2	7.17	60.3	7.15	62.1	7.10	63.2	7.07
	21	51.0	7.52	54.6	7.43	57.6	7.36	58.8	7.33	59.9	7.29	61.6	7.24	62.8	7.19
	23	50.4	7.87	54.0	7.77	56.8	7.70	58.0	7.66	59.1	7.62	60.6	7.54	61.8	7.47
	25	49.8	8.25	53.3	8.15	56.1	8.07	57.3	8.03	58.2	7.98	59.7	7.90	60.8	7.81
	27	49.2	8.67	52.6	8.57	55.3	8.49	56.4	8.44	57.4	8.39	58.7	8.30	59.9	8.20
	29	48.6	9.13	51.9	9.02	54.6	8.94	55.6	8.89	56.5	8.85	57.8	8.75	58.9	8.65
	31	48.0	9.62	51.2	9.51	53.8	9.43	54.8	9.39	55.6	9.34	56.8	9.25	57.9	9.16
	33	47.4	10.1	50.5	10.0	52.9	9.96	53.9	9.92	54.6	9.88	55.8	9.80	57.0	9.72
	35	46.8	10.7	49.8	10.6	52.1	10.5	53.0	10.5	53.7	10.5	54.8	10.4	56.0	10.3
	37	46.8	11.4	49.8	11.4	52.1	11.4	53.0	11.4	53.7	11.4	54.8	11.3	56.0	11.3
	39	46.8	12.3	49.8	12.3	52.1	12.3	53.0	12.3	53.7	12.3	54.8	12.3	56.0	12.3
40%	10	41.9	4.32	46.1	4.20	48.5	4.08	49.6	4.02	50.6	3.97	52.6	3.85	54.1	3.73
	12	41.8	4.57	45.6	4.46	47.9	4.35	49.0	4.29	50.0	4.23	51.9	4.12	53.3	4.01
	14	41.7	4.82	45.1	4.72	47.4	4.61	48.5	4.55	49.4	4.50	51.2	4.39	52.5	4.28
	16	41.7	5.08	44.5	4.97	46.9	4.87	47.9	4.82	48.9	4.77	50.5	4.66	51.7	4.56
	18	41.4	5.33	44.0	5.23	46.3	5.13	47.3	5.08	48.2	5.04	49.8	4.94	50.9	4.84
	20	40.9	5.59	43.5	5.49	45.8	5.40	46.8	5.35	47.6	5.30	49.1	5.21	50.2	5.11
	21	40.7	5.71	43.3	5.62	45.5	5.53	46.5	5.48	47.3	5.44	48.7	5.34	49.8	5.25
	23	40.2	5.97	42.8	5.88	45.0	5.79	45.9	5.75	46.7	5.70	48.0	5.62	49.0	5.53
	25	39.7	6.22	42.3	6.14	44.4	6.05	45.3	6.01	46.1	5.97	47.3	5.89	48.3	5.80
	27	39.2	6.47	41.8	6.40	43.9	6.32	44.8	6.28	45.5	6.24	46.6	6.16	47.5	6.08
	29	38.7	6.73	41.3	6.65	43.4	6.58	44.2	6.54	44.9	6.51	45.9	6.43	46.8	6.36
	31	38.2	6.98	40.8	6.91	42.8	6.84	43.6	6.81	44.2	6.77	45.2	6.70	46.1	6.63
	33	37.7	7.24	40.3	7.17	42.3	7.11	43.0	7.07	43.6	7.04	44.5	6.98	45.3	6.91
	35	37.3	7.49	39.8	7.43	41.7	7.37	42.4	7.34	42.9	7.31	43.8	7.25	44.6	7.19
	37	37.3	9.10	39.8	9.06	41.7	9.02	42.4	9.00	42.9	8.98	43.8	8.94	44.6	8.89
	39	37.3	9.85	39.8	9.80	41.7	9.76	42.4	9.73	42.9	9.71	43.8	9.66	44.6	9.61
30%	10	33.7	3.02	35.6	2.90	37.7	2.79	38.8	2.73	40.0	2.68	42.5	2.57	45.3	2.45
	12	33.2	3.21	35.1	3.10	37.1	2.99	38.3	2.94	39.4	2.88	41.9	2.77	44.7	2.66
	14	32.7	3.41	34.5	3.30	36.6	3.19	37.7	3.14	38.9	3.08	41.4	2.98	44.0	2.87
	16	32.1	3.60	34.0	3.50	36.1	3.39	37.2	3.34	38.3	3.29	40.8	3.18	43.4	3.08
	18	31.6	3.79	33.5	3.69	35.6	3.59	36.7	3.54	37.8	3.49	40.2	3.39	42.7	3.29
	20	31.1	3.99	33.0	3.89	35.0	3.79	36.1	3.74	37.2	3.69	39.6	3.59	42.0	3.49
	21	30.8	4.09	32.7	3.99	34.8	3.89	35.8	3.84	36.9	3.79	39.2	3.70	41.7	3.60
	23	30.2	4.28	32.2	4.19	34.2	4.09	35.3	4.04	36.4	4.00	38.6	3.90	41.0	3.81
	25	29.7	4.48	31.6	4.38	33.7	4.29	34.7	4.25	35.8	4.20	38.0	4.11	40.3	4.02
	27	29.1	4.67	31.1	4.58	33.1	4.49	34.1	4.45	35.2	4.40	37.4	4.31	39.6	4.22
	29	28.6	4.87	30.5	4.78	32.5	4.69	33.6	4.65	34.6	4.61	36.7	4.52	38.9	4.43
	31	28.0	5.06	30.0	4.98	32.0	4.89	33.0	4.85	34.0	4.81	36.1	4.72	38.2	4.64
	33	27.4	5.26	29.4	5.17	31.4	5.09	32.4	5.05	33.4	5.01	35.5	4.93	37.5	4.85
	35	26.8	5.45	28.8	5.37	30.8	5.29	31.8	5.25	32.8	5.21	34.8	5.14	36.8	5.06
	37	26.8	6.86	28.8	6.80	30.8	6.74	31.8	6.70	32.8	6.67	34.8	6.60	36.8	6.54
	39	26.8	7.37	28.8	7.31	30.8	7.24	31.8	7.21	32.8	7.17	34.8	7.10	36.8	7.03

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ40AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	128	21.7	136	22.0	143	22.3	145	22.3	147	22.4	150	22.5	153	22.6
	12	126	22.4	135	22.7	141	23.1	143	23.3	145	23.4	148	23.6	150	23.7
	14	125	23.2	133	23.5	139	23.9	141	24.1	142	24.3	145	24.7	148	24.9
	16	123	24.0	131	24.3	136	24.7	138	24.9	140	25.1	143	25.6	146	26.0
	18	122	24.9	129	25.2	134	25.6	136	25.8	138	26.1	141	26.5	143	27.0
	20	120	25.8	128	26.2	132	26.6	134	26.8	135	27.1	138	27.5	141	28.1
	21	119	26.3	127	26.7	131	27.1	133	27.3	134	27.6	137	28.1	140	28.6
	23	118	27.3	125	27.7	129	28.1	131	28.4	132	28.6	135	29.1	138	29.7
	25	116	28.4	123	28.8	127	29.2	129	29.5	130	29.7	133	30.3	136	30.9
	27	115	29.5	121	29.9	125	30.4	127	30.6	128	30.9	131	31.4	134	32.0
	29	113	30.7	119	31.1	123	31.6	125	31.9	126	32.1	129	32.7	132	33.3
	31	111	31.9	118	32.4	121	32.9	123	33.1	124	33.4	127	34.0	130	34.6
	33	110	33.3	116	33.7	119	34.2	121	34.4	122	34.7	125	35.3	128	35.8
	35	108	34.6	114	35.1	117	35.6	119	35.8	120	36.0	123	36.5	126	37.3
	37	107	35.7	112	36.1	116	36.6	117	36.9	119	37.1	121	38.1	124	38.7
	39	105	36.7	110	37.2	114	38.5	115	38.7	115	39.0	119	39.6	122	40.2
120%	10	124	21.7	133	22.0	140	22.3	143	22.4	145	22.6	148	22.9	150	23.1
	12	122	22.4	131	22.7	138	23.0	140	23.2	143	23.4	145	23.7	148	24.1
	14	120	23.1	129	23.4	136	23.8	138	24.0	140	24.2	143	24.6	145	25.0
	16	119	23.9	127	24.3	134	24.6	136	24.8	138	25.0	141	25.5	143	25.9
	18	118	24.8	126	25.1	132	25.5	134	25.7	136	26.0	138	26.4	141	26.9
	20	116	25.7	124	26.1	130	26.5	132	26.7	133	26.9	136	27.4	139	27.9
	21	116	26.2	123	26.6	129	27.0	131	27.2	132	27.4	135	27.9	138	28.5
	23	114	27.2	121	27.6	127	28.0	129	28.3	130	28.5	133	29.0	136	29.6
	25	113	28.3	120	28.7	125	29.1	127	29.4	128	29.6	131	30.1	134	30.7
	27	111	29.4	118	29.8	123	30.3	125	30.5	126	30.8	129	31.3	131	31.9
	29	110	30.6	116	31.0	121	31.5	123	31.7	124	32.0	127	32.5	129	33.1
	31	108	31.8	115	32.3	119	32.7	121	33.0	122	33.3	125	33.8	127	34.4
	33	107	33.1	113	33.6	117	34.1	119	34.3	120	34.6	123	35.2	125	35.8
	35	105	34.5	112	34.9	115	35.4	117	35.7	118	36.0	121	36.5	123	37.1
	37	104	35.7	110	36.3	114	36.9	115	37.1	116	37.4	119	38.0	121	38.6
	39	102	36.7	108	37.3	112	38.3	113	38.6	114	38.9	116	39.5	119	40.0
110%	10	120	21.6	129	21.9	136	22.2	139	22.3	142	22.5	146	22.8	148	23.2
	12	118	22.3	127	22.6	134	22.9	137	23.1	140	23.2	143	23.6	145	24.0
	14	116	23.0	125	23.3	132	23.7	135	23.9	137	24.0	141	24.4	143	24.9
	16	115	23.8	123	24.2	130	24.5	133	24.7	135	24.9	138	25.3	141	25.8
	18	114	24.7	122	25.0	128	25.4	131	25.6	133	25.8	136	26.3	138	26.8
	20	113	25.6	120	26.0	127	26.4	129	26.6	131	26.8	134	27.3	136	27.8
	21	112	26.1	119	26.5	126	26.9	128	27.1	130	27.3	133	27.8	135	28.3
	23	111	27.1	118	27.5	124	27.9	126	28.1	128	28.4	130	28.9	133	29.4
	25	109	28.2	116	28.6	122	29.0	124	29.2	126	29.5	128	30.0	131	30.5
	27	108	29.3	115	29.7	120	30.1	122	30.4	124	30.6	126	31.2	129	31.7
	29	107	30.5	113	30.9	118	31.3	120	31.6	122	31.8	124	32.4	127	33.0
	31	105	31.7	112	32.1	117	32.6	118	32.9	120	33.1	122	33.7	125	34.3
	33	104	33.0	110	33.4	115	33.9	117	34.2	118	34.4	120	35.0	123	35.6
	35	102	34.3	109	34.8	113	35.3	115	35.6	116	35.8	118	36.4	121	37.0
	37	101	35.5	107	36.1	111	36.7	113	37.0	114	37.3	116	37.8	119	38.4
	39	99.4	36.5	106	37.1	110	38.2	111	38.5	112	38.8	114	39.3	117	39.9
100%	10	111	21.5	125	21.8	132	22.1	135	22.2	138	22.4	142	22.6	145	22.9
	12	111	22.2	123	22.5	130	22.8	133	22.9	136	23.1	140	23.5	143	23.9
	14	111	22.9	121	23.2	128	23.6	131	23.7	134	23.9	138	24.3	140	24.7
	16	110	23.7	119	24.0	126	24.4	129	24.6	132	24.8	136	25.2	138	25.6
	18	110	24.6	118	24.9	125	25.3	127	25.5	130	25.7	133	26.1	136	26.6
	20	108	25.5	116	25.8	123	26.2	126	26.4	128	26.6	131	27.1	134	27.6
	21	108	26.0	115	26.3	122	26.7	125	26.9	127	27.2	130	27.6	133	28.1
	23	107	27.0	114	27.4	120	27.8	123	28.0	125	28.2	128	28.7	131	29.2
	25	105	28.0	113	28.4	119	28.8	121	29.1	123	29.3	126	29.8	129	30.4
	27	104	29.2	111	29.6	117	30.0	119	30.2	121	30.5	124	31.0	126	31.5
	29	103	30.3	110	30.7	115	31.2	117	31.4	119	31.7	122	32.2	124	32.8
	31	101	31.6	108	32.0	114	32.5	116	32.7	117	33.0	120	33.5	122	34.1
	33	100	32.8	107	33.3	112	33.8	114	34.0	115	34.3	118	34.8	120	35.4
	35	98.8	34.1	105	34.6	110	35.1	112	35.4	113	35.7	116	36.2	118	36.7
	37	97.4	35.1	104	35.6	108	36.2	110	36.4	112	36.7	114	37.7	116	38.2
	39	96.0	36.0	102	36.6	107	38.1	108	38.3	110	38.6	112	39.1	114	39.7
90%	10	99.7	16.5	111	16.6	118	16.7	121	16.8	123	16.9	127	17.0	129	17.1
	12	99.5	17.3	110	17.4	116	17.6	119	17.7	121	17.7	125	17.9	128	18.0
	14	99.3	18.1	108	18.3	115	18.5	117	18.5	120	18.6	123	18.8	126	19.0
	16	99.2	18.9	107	19.1	113	19.3	116	19.4	118	19.5	122	19.7	124	19.9
	18	98.7	19.8	106	20.0	112	20.2	114	20.3	116	20.4	120	20.6	122	20.8
	20	97.6	20.6	104	20.8	110	21.1	113	21.2	115	21.3	118	21.5	120	21.7
	21	97.0	21.0	104	21.3	109	21.5	112	21.6	114	21.7	117	22.0	119	22.2
	23	95.9	21.8	103	22.1	108	22.4	110	22.5	112	22.6	115	22.9	118	23.1
	25	94.8	22.7	101	22.9	107	23.2	109	23.4	111	23.5	113	23.8	116	24.0
	27	93.6	23.5	100	23.8	105	24.1	107	24.2	109	24.4	112	24.7	114	24.9
	29	92.5	24.3	98.7	24.6	104	25.0	106	25.1	107	25.3	110	25.6	112	25.9
	31	91.3	25.2	97.5	25.5	102	25.8	104	26.0	106	26.1	108	26.5	110	26.8
	33	90.4	26.0	96.3	26.3	101	26.7	102	26.9	104	27.0	106	27.4	108	27.7
	35	89.4	26.8	95.1	27.2	99.3	27.5	101	27.7	102	27.9	104	28.3	106	28.6
	37	89.4	29.1	95.1	29.4	99.3	29.7	101	29.9	102	30.1	104	30.4	106	30.8
	39	89.4	31.7	95.1	32.0	99.3	32.4	101	32.5	102	32.7	104	31.8	106	32.0
80%	10	88.8	12.4	99.0	12.5	105	12.5	107	12.6	109	12.6	113	12.6	115	12.7
	12	88.6	13.1	97.7	13.2	103	13.2	106	13.3	108	13.3	111	13.4	113	13.4
	14	88.5	13.8	96.5	13.9	102	14.0	104	14.0	106	14.0	109	14.1	112	14.2
	16	88.4	14.5	95.3	14.6	101	14.7	103	14.7	105	14.8	108	14.8	110	14.9
	18	87.9	15.2	94.1	15.3	99.2	15.4	101	15.4	103	15.5	107	15.6	109	15.7
	20	86.8	15.9	92.9	16.0	97.9	16.1	100	16.2	102	16.2	105	16.3	107	16.4
	21	86.3	16.2	92.3	16.3	97.3	16.4	99.4	16.5	101	16.6	104	16.7	106	16.8
	23	85.3	16.9	91.2	17.0	96.1	17.2	98.1	17.2	99.9	17.3	102	17.4	104	17.6
	25	84.4	17.6	90.1	17.7	94.8	17.9	96.8	17.9	98.4	18.0	101	18.2	103	18.3
	27	83.4	18.3	89.0	18.4	93.5	18.6	95.4	18.7	97.0	18.8	99.2	18.9	101	19.1
	29	82.5	18.9	88.0	19.1	92.2	19.3	94.0	19.4	95.5	19.5	97.6	19.7	99.5	19.8
	31	81.7	19.6	87.0	19.8	90.9	20.0	92.6	20.1	94.0	20.2	95.9	20.4	97.9	20.6
	33	80.8	20.3	85.9	20.5	89.6	20.7	91.1	20.8	92.3	20.9	94.3	21.1	96.3	21.3
	35	80.0	21.0	84.9	21.2	88.4	21.4	89.6	21.5	90.7	21.7	92.7	21.9	94.6	22.1
	37	80.0	22.5	84.9	22.7	88.4	22.9	89.6	23.0	90.7	23.1	92.7	23.2	94.6	23.4
	39	80.0	24.6	84.9	24.7	88.4	24.9	89.6	24.9	90.7	25.0	92.7	25.2	94.6	25.4

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	77.6	9.66	86.5	9.64	91.4	9.61	93.4	9.60	95.2	9.58	98.3	9.55	101	9.53
	12	77.5	10.2	85.4	10.2	90.2	10.2	92.2	10.2	93.9	10.2	97.1	10.2	99.3	10.1
	14	77.4	10.8	84.3	10.8	89.0	10.8	90.9	10.8	92.8	10.8	95.8	10.7	97.9	10.7
	16	77.3	11.3	83.3	11.3	87.8	11.3	89.8	11.3	91.6	11.3	94.5	11.3	96.4	11.4
	18	76.9	11.9	82.3	11.9	86.8	11.9	88.7	11.9	90.4	11.9	93.3	11.9	95.0	12.0
	20	76.0	12.4	81.3	12.4	85.7	12.5	87.6	12.5	89.2	12.5	91.8	12.5	93.6	12.6
	21	75.6	12.7	80.8	12.7	85.2	12.8	87.0	12.8	88.6	12.8	91.1	12.8	92.8	12.9
	23	74.7	13.2	79.8	13.3	84.1	13.3	85.8	13.4	87.4	13.4	89.7	13.4	91.4	13.5
	25	73.9	13.8	78.9	13.9	83.0	13.9	84.7	13.9	86.1	14.0	88.2	14.0	90.0	14.1
	27	73.1	14.3	78.0	14.4	81.8	14.5	83.5	14.5	84.9	14.6	86.8	14.6	88.5	14.7
	29	72.3	14.9	77.0	15.0	80.7	15.1	82.2	15.1	83.6	15.1	85.4	15.2	87.1	15.3
	31	71.6	15.4	76.2	15.5	79.5	15.6	81.0	15.7	82.2	15.7	83.9	15.8	85.7	15.9
	33	70.9	16.0	75.3	16.1	78.4	16.2	79.7	16.3	80.8	16.3	82.5	16.4	84.2	16.5
	35	70.2	16.5	74.4	16.7	77.4	16.8	78.4	16.8	79.4	16.9	81.1	17.0	82.8	17.1
	37	70.2	17.6	74.4	17.7	77.4	17.8	78.4	17.8	79.4	17.8	81.1	17.9	82.8	17.9
	39	70.2	19.3	74.4	19.3	77.4	19.3	78.4	19.3	79.4	19.3	81.1	19.4	82.8	19.4
60%	10	66.3	8.14	73.9	8.05	78.0	7.95	79.8	7.91	81.5	7.86	84.3	7.77	86.3	7.67
	12	66.2	8.57	73.0	8.48	77.0	8.40	78.9	8.36	80.5	8.32	83.2	8.24	85.1	8.16
	14	66.2	8.99	72.1	8.92	76.2	8.85	77.9	8.82	79.5	8.78	82.1	8.71	83.9	8.64
	16	66.2	9.42	71.3	9.36	75.3	9.30	77.0	9.27	78.5	9.24	81.0	9.18	82.6	9.12
	18	65.8	9.85	70.5	9.80	74.4	9.75	76.0	9.73	77.5	9.70	79.9	9.66	81.4	9.61
	20	65.1	10.3	69.7	10.2	73.5	10.2	75.1	10.2	76.5	10.2	78.7	10.1	80.2	10.1
	21	64.7	10.5	69.2	10.5	73.0	10.4	74.6	10.4	76.0	10.4	78.1	10.4	79.6	10.3
	23	63.9	10.9	68.4	10.9	72.1	10.9	73.6	10.9	74.9	10.9	76.9	10.8	78.3	10.8
	25	63.2	11.3	67.6	11.3	71.1	11.3	72.6	11.3	73.8	11.3	75.6	11.3	77.1	11.3
	27	62.4	11.8	66.7	11.8	70.1	11.8	71.5	11.8	72.7	11.8	74.4	11.8	75.9	11.8
	29	61.8	12.2	65.9	12.2	69.2	12.2	70.5	12.2	71.6	12.2	73.2	12.3	74.7	12.3
	31	61.1	12.6	65.1	12.7	68.1	12.7	69.4	12.7	70.5	12.7	72.0	12.7	73.4	12.8
	33	60.5	13.1	64.4	13.1	67.2	13.1	68.3	13.1	69.2	13.2	70.7	13.2	72.2	13.2
	35	59.9	13.5	63.6	13.5	66.3	13.6	67.2	13.6	68.0	13.6	69.5	13.7	71.0	13.7
	37	59.9	14.4	63.6	14.4	66.3	14.4	67.2	14.4	68.0	14.4	69.5	14.4	71.0	14.4
	39	59.9	15.7	63.6	15.6	66.3	15.6	67.2	15.5	68.0	15.5	69.5	15.5	71.0	15.5
50%	10	55.4	6.71	61.4	6.64	64.9	6.65	66.5	6.68	67.9	6.73	70.2	6.88	71.9	7.11
	12	55.2	6.87	60.7	6.80	64.2	6.78	65.7	6.80	67.1	6.83	69.3	6.93	70.9	7.08
	14	55.1	7.07	60.1	6.99	63.5	6.96	64.9	6.96	66.3	6.97	68.4	7.02	69.9	7.12
	16	55.1	7.30	59.4	7.22	62.7	7.17	64.2	7.16	65.4	7.16	67.5	7.17	68.9	7.21
	18	54.8	7.58	58.7	7.49	62.0	7.43	63.4	7.41	64.6	7.39	66.6	7.37	67.8	7.37
	20	54.2	7.90	58.0	7.80	61.2	7.73	62.6	7.70	63.7	7.67	65.6	7.62	66.8	7.58
	21	53.9	8.07	57.7	7.97	60.8	7.90	62.1	7.86	63.3	7.82	65.1	7.76	66.3	7.71
	23	53.3	8.44	57.0	8.34	60.1	8.26	61.3	8.21	62.4	8.17	64.1	8.09	65.3	8.01
	25	52.7	8.85	56.3	8.75	59.3	8.66	60.5	8.61	61.5	8.57	63.0	8.47	64.3	8.38
	27	52.0	9.30	55.6	9.19	58.4	9.10	59.6	9.06	60.6	9.01	62.0	8.90	63.2	8.80
	29	51.4	9.79	54.9	9.68	57.6	9.59	58.7	9.54	59.7	9.49	61.0	9.39	62.2	9.28
	31	50.7	10.3	54.1	10.2	56.8	10.1	57.8	10.1	58.7	10.0	60.0	9.92	61.2	9.83
	33	50.1	10.9	53.4	10.8	55.9	10.7	56.9	10.6	57.7	10.6	58.9	10.5	60.2	10.4
	35	49.4	11.5	52.6	11.4	55.1	11.3	56.0	11.3	56.7	11.2	57.9	11.1	59.1	11.1
	37	49.4	12.6	52.6	12.6	55.1	12.6	56.0	12.6	56.7	12.7	57.9	12.7	59.1	12.7
	39	49.4	13.6	52.6	13.6	55.1	13.6	56.0	13.6	56.7	13.6	57.9	13.6	59.1	13.6
40%	10	44.3	4.63	48.4	4.51	50.6	4.38	51.7	4.32	52.8	4.25	55.0	4.13	56.9	4.00
	12	44.2	4.90	47.8	4.78	50.0	4.66	51.1	4.60	52.2	4.54	54.2	4.42	56.0	4.30
	14	44.1	5.18	47.2	5.06	49.4	4.94	50.5	4.89	51.5	4.83	53.5	4.71	55.1	4.60
	16	44.0	5.45	46.6	5.34	48.9	5.23	49.9	5.17	50.9	5.11	52.7	5.00	54.2	4.89
	18	43.7	5.72	46.1	5.61	48.3	5.51	49.4	5.45	50.3	5.40	52.0	5.30	53.4	5.19
	20	43.1	5.99	45.6	5.89	47.8	5.79	48.8	5.74	49.7	5.69	51.3	5.59	52.6	5.49
	21	42.8	6.13	45.3	6.03	47.6	5.93	48.5	5.88	49.4	5.83	50.9	5.73	52.2	5.63
	23	42.2	6.40	44.8	6.31	47.0	6.21	48.0	6.17	48.9	6.12	50.2	6.03	51.4	5.93
	25	41.7	6.67	44.3	6.58	46.5	6.50	47.5	6.45	48.3	6.41	49.5	6.32	50.6	6.23
	27	41.2	6.95	43.9	6.86	46.0	6.78	46.9	6.73	47.7	6.69	48.9	6.61	49.9	6.52
	29	40.7	7.22	43.4	7.14	45.5	7.06	46.4	7.02	47.1	6.98	48.2	6.90	49.1	6.82
	31	40.2	7.49	42.9	7.42	45.0	7.34	45.8	7.30	46.5	7.27	47.5	7.19	48.4	7.12
	33	39.7	7.76	42.5	7.69	44.6	7.62	45.3	7.59	45.9	7.55	46.9	7.48	47.6	7.41
	35	39.3	8.03	42.0	7.97	44.1	7.91	44.8	7.87	45.4	7.84	46.2	7.78	46.9	7.71
	37	39.3	10.0	42.0	9.98	44.1	9.96	44.8	9.95	45.4	9.94	46.2	9.92	46.9	9.88
	39	39.3	10.8	42.0	10.8	44.1	10.7	44.8	10.7	45.4	10.7	46.2	10.7	46.9	10.6
30%	10	35.7	3.24	37.3	3.11	39.3	2.99	40.4	2.93	41.7	2.87	44.4	2.75	47.6	2.63
	12	35.1	3.44	36.7	3.33	38.7	3.21	39.9	3.15	41.1	3.09	43.8	2.97	46.9	2.86
	14	34.5	3.65	36.2	3.54	38.2	3.42	39.3	3.37	40.5	3.31	43.2	3.19	46.2	3.08
	16	33.9	3.86	35.6	3.75	37.7	3.64	38.8	3.58	40.0	3.53	42.6	3.41	45.5	3.30
	18	33.3	4.07	35.1	3.96	37.1	3.85	38.2	3.80	39.4	3.74	42.0	3.63	44.8	3.53
	20	32.7	4.28	34.5	4.17	36.6	4.07	37.7	4.01	38.9	3.96	41.3	3.86	44.1	3.75
	21	32.4	4.38	34.3	4.28	36.3	4.18	37.4	4.12	38.6	4.07	41.0	3.97	43.7	3.86
	23	31.8	4.59	33.7	4.49	35.8	4.39	36.9	4.34	38.0	4.29	40.4	4.19	43.0	4.08
	25	31.2	4.80	33.2	4.70	35.2	4.60	36.3	4.56	37.5	4.51	39.8	4.41	42.3	4.31
	27	30.6	5.01	32.6	4.92	34.7	4.82	35.8	4.77	36.9	4.72	39.2	4.63	41.6	4.53
	29	30.0	5.22	32.1	5.13	34.2	5.03	35.2	4.99	36.3	4.94	38.6	4.85	40.9	4.75
	31	29.4	5.43	31.5	5.34	33.6	5.25	34.7	5.20	35.8	5.16	38.0	5.07	40.2	4.98
	33	28.9	5.64	31.0	5.55	33.1	5.46	34.1	5.42	35.2	5.38	37.3	5.29	39.5	5.20
	35	28.3	5.85	30.4	5.76	32.5	5.68	33.6	5.64	34.6	5.59	36.7	5.51	38.8	5.42
	37	28.3	7.42	30.4	7.37	32.5	7.32	33.6	7.29	34.6	7.26	36.7	7.20	38.8	7.14
	39	28.3	7.97	30.4	7.91	32.5	7.86	33.6	7.83	34.6	7.80	36.7	7.73	38.8	7.67

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ42AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	133	19.3	142	19.5	149	19.8	151	19.9	153	20.0	156	20.3	159	20.6
	12	132	20.1	140	20.4	147	20.7	149	20.8	150	20.9	154	21.2	157	21.5
	14	130	21.0	138	21.3	144	21.6	146	21.7	148	21.9	151	22.2	154	22.5
	16	128	21.9	137	22.2	142	22.5	144	22.7	146	22.8	149	23.1	152	23.5
	18	127	22.9	135	23.2	140	23.5	142	23.6	143	23.8	147	24.1	150	24.4
	20	125	23.8	133	24.2	138	24.5	140	24.6	141	24.8	144	25.1	147	25.5
	21	125	24.3	132	24.6	137	25.0	138	25.1	140	25.3	143	25.6	146	26.0
	23	123	25.2	130	25.6	135	26.0	136	26.1	138	26.3	141	26.7	144	27.0
	25	121	26.2	128	26.6	133	27.0	134	27.2	136	27.4	139	27.7	142	28.1
	27	120	27.2	126	27.6	130	28.1	132	28.3	134	28.4	137	28.8	140	29.2
	29	118	28.4	124	28.8	128	29.2	130	29.4	132	29.5	135	29.9	138	30.3
	31	116	29.5	123	29.9	126	30.3	128	30.5	129	30.6	133	31.0	136	31.4
	33	115	30.7	121	31.1	124	31.4	126	31.6	127	31.8	130	32.1	134	32.5
	35	113	32.0	119	32.3	122	32.6	124	32.8	125	32.9	128	33.3	131	33.7
	37	111	33.2	117	33.5	120	33.8	122	34.0	123	34.1	126	34.5	129	34.9
	39	110	34.4	115	34.7	118	35.0	120	35.2	121	35.3	124	35.7	127	36.1
120%	10	129	19.2	138	19.4	145	19.7	148	19.8	151	20.0	154	20.3	156	20.6
	12	127	20.0	136	20.3	143	20.6	146	20.7	148	20.9	151	21.2	154	21.5
	14	126	20.9	135	21.2	141	21.5	144	21.7	146	21.8	149	22.1	152	22.5
	16	124	21.9	133	22.1	139	22.4	142	22.6	144	22.8	147	23.1	149	23.4
	18	123	22.8	131	23.1	137	23.4	140	23.6	141	23.7	144	24.1	147	24.4
	20	122	23.7	129	24.1	135	24.4	137	24.6	139	24.7	142	25.1	145	25.5
	21	121	24.2	128	24.5	134	24.9	136	25.1	138	25.2	141	25.6	144	26.0
	23	119	25.1	127	25.5	132	25.9	134	26.1	136	26.3	139	26.6	142	27.0
	25	118	26.1	125	26.5	130	26.9	132	27.1	134	27.3	137	27.7	140	28.1
	27	116	27.2	123	27.5	128	28.0	130	28.2	131	28.4	134	28.8	137	29.2
	29	115	28.2	122	28.6	126	29.1	128	29.3	129	29.5	132	29.9	135	30.3
	31	113	29.4	120	29.8	124	30.2	126	30.4	127	30.6	130	31.0	133	31.5
	33	112	30.6	118	31.0	122	31.4	124	31.6	125	31.8	128	32.2	131	32.6
	35	110	31.8	116	32.2	120	32.6	122	32.8	123	33.0	126	33.4	129	33.7
	37	109	33.0	115	33.4	118	33.8	120	33.9	121	34.2	124	34.6	127	35.0
	39	107	34.2	113	34.6	116	35.0	118	35.2	119	35.4	122	35.8	125	36.2
110%	10	125	19.1	134	19.4	141	19.6	145	19.8	147	19.9	151	20.2	154	20.5
	12	123	20.0	132	20.2	139	20.5	143	20.7	145	20.8	149	21.1	151	21.5
	14	122	20.8	130	21.1	138	21.4	141	21.6	143	21.8	146	22.1	149	22.4
	16	120	21.8	129	22.1	136	22.4	139	22.5	141	22.7	144	23.1	147	23.4
	18	119	22.7	127	23.0	134	23.3	137	23.5	139	23.7	142	24.1	144	24.4
	20	118	23.7	126	24.0	132	24.3	135	24.5	137	24.7	140	25.1	142	25.5
	21	117	24.1	125	24.4	131	24.8	134	25.0	136	25.2	138	25.6	141	26.0
	23	116	25.0	123	25.4	129	25.8	132	26.0	133	26.2	136	26.6	139	27.1
	25	114	26.0	122	26.4	127	26.8	130	27.0	131	27.2	134	27.7	137	28.1
	27	113	27.0	120	27.4	126	27.8	128	28.1	129	28.3	132	28.8	135	29.3
	29	111	28.1	118	28.5	124	29.0	126	29.2	127	29.4	130	29.9	133	30.4
	31	110	29.3	117	29.7	122	30.1	124	30.3	125	30.6	128	31.1	131	31.5
	33	108	30.5	115	30.9	120	31.3	122	31.6	123	31.8	126	32.2	128	32.7
	35	107	31.7	113	32.1	118	32.5	120	32.7	121	33.0	124	33.4	126	33.9
	37	105	32.8	112	33.3	116	33.7	117	33.9	119	34.2	121	34.6	124	35.1
	39	104	34.0	110	34.5	114	34.9	115	35.2	117	35.4	119	35.9	122	36.3
100%	10	116	19.0	129	19.3	137	19.5	140	19.7	143	19.8	148	20.1	151	20.4
	12	116	19.8	128	20.1	135	20.4	138	20.6	141	20.7	146	21.1	149	21.4
	14	115	20.7	126	21.0	133	21.3	136	21.5	139	21.7	144	22.0	146	22.4
	16	115	21.6	124	22.0	132	22.3	135	22.5	137	22.6	141	23.0	144	23.4
	18	115	22.6	123	22.9	130	23.2	133	23.4	135	23.6	139	24.0	142	24.4
	20	113	23.5	121	23.9	128	24.2	131	24.4	133	24.6	137	25.0	140	25.4
	21	113	24.0	121	24.3	127	24.7	130	24.9	132	25.1	136	25.5	139	26.0
	23	111	24.9	119	25.2	126	25.6	128	25.8	131	26.0	134	26.5	136	27.0
	25	110	25.9	118	26.2	124	26.6	126	26.8	129	27.0	132	27.5	134	28.0
	27	109	26.9	116	27.3	122	27.7	125	27.9	127	28.1	130	28.6	132	29.1
	29	107	28.0	115	28.4	120	28.8	123	29.0	125	29.2	127	29.7	130	30.2
	31	106	29.2	113	29.5	119	30.0	121	30.2	123	30.4	125	30.9	128	31.4
	33	105	30.3	112	30.8	117	31.2	119	31.4	121	31.7	123	32.1	126	32.7
	35	103	31.5	110	32.0	115	32.5	117	32.7	119	32.9	121	33.4	124	33.9
	37	102	32.7	108	33.2	113	33.6	115	33.9	116	34.2	119	34.7	121	35.2
	39	100	33.9	107	34.4	111	34.9	113	35.1	114	35.4	117	35.9	119	36.5
90%	10	104	15.4	116	15.5	123	15.6	126	15.6	128	15.7	133	15.8	135	15.9
	12	104	16.1	115	16.2	121	16.3	124	16.4	126	16.4	131	16.6	133	16.7
	14	104	16.8	113	16.9	120	17.1	122	17.1	125	17.2	129	17.4	131	17.5
	16	104	17.5	112	17.7	118	17.8	121	17.9	123	18.0	127	18.2	130	18.4
	18	103	18.3	110	18.5	117	18.6	119	18.7	121	18.8	125	19.0	128	19.2
	20	102	19.1	109	19.3	115	19.5	118	19.6	120	19.7	123	19.9	126	20.1
	21	101	19.5	109	19.7	114	19.9	117	20.0	119	20.1	122	20.3	125	20.5
	23	100	20.3	107	20.5	113	20.7	115	20.8	117	20.9	120	21.2	123	21.4
	25	99.0	21.1	106	21.4	111	21.6	114	21.7	116	21.8	119	22.1	121	22.3
	27	97.8	22.0	105	22.2	110	22.5	112	22.6	114	22.7	117	23.0	119	23.2
	29	96.6	22.9	103	23.1	108	23.4	110	23.5	112	23.7	115	23.9	117	24.2
	31	95.4	23.8	102	24.0	107	24.3	109	24.5	110	24.6	113	24.9	115	25.2
	33	94.3	24.7	101	25.0	105	25.3	107	25.4	109	25.6	111	25.9	113	26.2
	35	93.2	25.6	99.2	25.9	104	26.3	105	26.4	107	26.6	109	26.9	111	27.2
	37	93.2	27.8	99.2	28.1	104	28.4	105	28.6	107	28.7	109	29.0	111	29.2
	39	93.2	30.5	99.2	30.8	104	31.0	105	31.2	107	31.3	109	31.5	111	31.8
80%	10	92.5	12.1	103	12.0	109	12.0	112	12.0	114	12.0	118	12.1	120	12.1
	12	92.4	12.7	102	12.7	108	12.7	110	12.7	112	12.7	116	12.7	119	12.8
	14	92.3	13.3	101	13.3	106	13.3	109	13.3	111	13.4	114	13.4	117	13.4
	16	92.3	13.9	99.4	13.9	105	14.0	107	14.0	109	14.0	113	14.1	115	14.1
	18	91.8	14.5	98.2	14.6	104	14.7	106	14.7	108	14.7	111	14.8	113	14.9
	20	90.7	15.2	97.0	15.3	102	15.4	105	15.4	107	15.4	110	15.5	112	15.6
	21	90.1	15.5	96.5	15.6	102	15.7	104	15.8	106	15.8	109	15.9	111	16.0
	23	89.1	16.2	95.3	16.3	100	16.4	103	16.5	104	16.5	107	16.6	109	16.7
	25	88.1	16.9	94.1	17.0	99.1	17.2	101	17.2	103	17.3	105	17.4	107	17.5
	27	87.1	17.6	93.0	17.8	97.7	17.9	99.7	18.0	101	18.1	104	18.2	106	18.3
	29	86.1	18.4	91.8	18.5	96.3	18.7	98.2	18.8	99.8	18.9	102	19.0	104	19.1
	31	85.1	19.1	90.7	19.3	94.9	19.5	96.7	19.6	98.2	19.7	100	19.8	102	20.0
	33	84.1	19.9	89.6	20.1	93.6	20.3	95.2	20.4	96.5	20.5	98.6	20.7	101	20.8
	35	83.2	20.7	88.4	20.9	92.2	21.1	93.6	21.2	94.8	21.3	96.8	21.5	98.9	21.7
	37	83.2	22.1	88.4	22.3	92.2	22.4	93.6	22.5	94.8	22.6	96.8	22.7	98.9	22.8
	39	83.2	24.1	88.4	24.3	92.2	24.4	93.6	24.5	94.8	24.6	96.8	24.7	98.9	24.7

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	80.9	9.21	90.2	9.09	95.3	9.00	97.4	8.96	99.4	8.92	103	8.87	105	8.84
	12	80.8	9.69	89.1	9.60	94.1	9.52	96.2	9.48	98.1	9.45	101	9.40	104	9.37
	14	80.8	10.2	88.0	10.1	92.9	10.1	95.0	10.0	96.9	10.0	100	9.96	102	9.92
	16	80.7	10.7	87.0	10.7	91.8	10.6	93.9	10.6	95.7	10.6	98.7	10.5	101	10.5
	18	80.3	11.2	85.9	11.2	90.7	11.2	92.7	11.2	94.5	11.1	97.4	11.1	99.2	11.1
	20	79.4	11.8	84.9	11.8	89.5	11.8	91.5	11.8	93.2	11.7	95.9	11.7	97.7	11.7
	21	78.9	12.1	84.4	12.1	89.0	12.1	90.9	12.1	92.6	12.0	95.2	12.0	97.0	12.0
	23	78.0	12.6	83.4	12.7	87.8	12.7	89.7	12.7	91.3	12.7	93.7	12.7	95.5	12.6
	25	77.1	13.2	82.4	13.3	86.7	13.3	88.5	13.3	90.0	13.3	92.2	13.3	94.0	13.3
	27	76.3	13.8	81.4	13.9	85.5	13.9	87.2	13.9	88.7	14.0	90.7	14.0	92.5	14.0
	29	75.4	14.5	80.4	14.5	84.3	14.6	85.9	14.6	87.3	14.6	89.2	14.7	91.0	14.7
	31	74.6	15.1	79.4	15.2	83.1	15.3	84.6	15.3	85.9	15.3	87.7	15.4	89.5	15.4
	33	73.7	15.8	78.4	15.8	81.9	15.9	83.3	16.0	84.4	16.0	86.2	16.1	88.0	16.1
	35	72.9	16.4	77.4	16.5	80.7	16.6	81.9	16.7	82.9	16.7	84.7	16.8	86.5	16.9
	37	72.9	17.4	77.4	17.5	80.7	17.5	81.9	17.5	82.9	17.6	84.7	17.6	86.5	17.6
	39	72.9	19.0	77.4	19.0	80.7	19.1	81.9	19.1	82.9	19.1	84.7	19.1	86.5	19.1
60%	10	69.2	6.79	77.1	6.61	81.5	6.45	83.3	6.38	85.1	6.31	88.1	6.21	90.2	6.13
	12	69.2	7.17	76.2	7.01	80.5	6.86	82.4	6.79	84.1	6.73	87.0	6.62	88.9	6.53
	14	69.1	7.57	75.3	7.42	79.6	7.29	81.4	7.22	83.1	7.16	85.8	7.05	87.6	6.95
	16	69.1	7.99	74.5	7.86	78.6	7.73	80.4	7.67	82.0	7.61	84.6	7.50	86.3	7.39
	18	68.8	8.42	73.6	8.30	77.7	8.19	79.4	8.14	81.0	8.08	83.5	7.97	85.1	7.85
	20	68.0	8.87	72.8	8.77	76.8	8.67	78.4	8.62	79.9	8.57	82.2	8.45	83.8	8.34
	21	67.6	9.10	72.3	9.01	76.3	8.92	77.9	8.87	79.4	8.81	81.6	8.70	83.1	8.59
	23	66.8	9.57	71.5	9.49	75.3	9.42	76.9	9.37	78.3	9.32	80.3	9.22	81.9	9.11
	25	66.0	10.1	70.6	10.0	74.3	9.93	75.8	9.89	77.1	9.85	79.0	9.76	80.6	9.65
	27	65.2	10.6	69.7	10.5	73.3	10.5	74.7	10.4	76.0	10.4	77.8	10.3	79.3	10.2
	29	64.5	11.1	68.8	11.1	72.3	11.0	73.6	11.0	74.8	11.0	76.5	10.9	78.0	10.8
	31	63.8	11.6	68.0	11.6	71.2	11.6	72.5	11.6	73.6	11.5	75.2	11.5	76.7	11.4
	33	63.0	12.2	67.1	12.2	70.2	12.2	71.4	12.1	72.4	12.1	73.9	12.1	75.4	12.0
	35	62.3	12.8	66.3	12.8	69.2	12.7	70.2	12.7	71.1	12.7	72.6	12.7	74.2	12.7
	37	62.3	13.5	66.3	13.4	69.2	13.4	70.2	13.4	71.1	13.3	72.6	13.3	74.2	13.2
	39	62.3	14.7	66.3	14.7	69.2	14.6	70.2	14.6	71.1	14.6	72.6	14.5	74.2	14.4
50%	10	57.8	5.46	64.1	5.41	67.8	5.37	69.4	5.34	70.9	5.32	73.4	5.27	75.2	5.22
	12	57.7	5.57	63.4	5.50	67.1	5.42	68.7	5.39	70.1	5.35	72.5	5.28	74.1	5.21
	14	57.6	5.71	62.8	5.62	66.3	5.53	67.9	5.49	69.2	5.44	71.5	5.35	73.0	5.25
	16	57.6	5.90	62.1	5.80	65.5	5.69	67.0	5.63	68.4	5.58	70.5	5.47	72.0	5.36
	18	57.3	6.14	61.4	6.02	64.8	5.90	66.2	5.83	67.5	5.77	69.6	5.65	70.9	5.52
	20	56.7	6.42	60.6	6.28	64.0	6.15	65.4	6.08	66.6	6.02	68.5	5.88	69.8	5.74
	21	56.3	6.57	60.3	6.43	63.6	6.30	64.9	6.23	66.1	6.16	68.0	6.02	69.3	5.88
	23	55.7	6.91	59.6	6.77	62.7	6.63	64.1	6.55	65.2	6.48	66.9	6.34	68.2	6.19
	25	55.0	7.30	58.8	7.15	61.9	7.01	63.2	6.93	64.3	6.86	65.9	6.71	67.1	6.56
	27	54.3	7.72	58.1	7.57	61.1	7.43	62.3	7.36	63.3	7.29	64.8	7.14	66.1	6.99
	29	53.7	8.19	57.3	8.05	60.2	7.91	61.4	7.84	62.3	7.77	63.7	7.63	65.0	7.48
	31	53.0	8.71	56.6	8.57	59.3	8.44	60.4	8.37	61.4	8.30	62.7	8.17	63.9	8.03
	33	52.3	9.26	55.8	9.13	58.4	9.01	59.5	8.95	60.3	8.89	61.6	8.76	62.9	8.64
	35	51.6	9.86	55.0	9.74	57.5	9.64	58.5	9.58	59.3	9.53	60.5	9.42	61.8	9.31
	37	51.6	10.5	55.0	10.4	57.5	10.3	58.5	10.2	59.3	10.2	60.5	10.1	61.8	10.1
	39	51.6	11.5	55.0	11.4	57.5	11.3	58.5	11.3	59.3	11.3	60.5	11.2	61.8	11.0
40%	10	46.2	3.99	50.9	3.92	53.5	3.83	54.7	3.77	55.8	3.71	58.0	3.57	59.7	3.40
	12	46.1	4.14	50.3	4.06	52.9	3.95	54.0	3.89	55.2	3.83	57.2	3.69	58.8	3.53
	14	46.1	4.30	49.7	4.21	52.3	4.10	53.4	4.04	54.5	3.97	56.4	3.83	57.9	3.68
	16	46.0	4.49	49.1	4.39	51.7	4.27	52.8	4.21	53.9	4.14	55.6	4.01	57.1	3.86
	18	45.7	4.70	48.6	4.59	51.1	4.47	52.2	4.40	53.2	4.34	54.9	4.20	56.2	4.06
	20	45.1	4.92	48.0	4.81	50.5	4.69	51.6	4.62	52.5	4.56	54.1	4.43	55.3	4.29
	21	44.9	5.05	47.7	4.93	50.2	4.81	51.2	4.74	52.2	4.68	53.7	4.55	54.9	4.41
	23	44.3	5.30	47.2	5.18	49.6	5.06	50.6	5.00	51.5	4.94	52.9	4.81	54.1	4.68
	25	43.8	5.58	46.6	5.46	49.0	5.34	50.0	5.28	50.9	5.22	52.2	5.10	53.2	4.98
	27	43.2	5.88	46.1	5.76	48.4	5.65	49.4	5.59	50.2	5.53	51.4	5.42	52.4	5.30
	29	42.7	6.20	45.6	6.09	47.8	5.98	48.7	5.92	49.5	5.87	50.6	5.76	51.6	5.65
	31	42.2	6.54	45.0	6.44	47.2	6.33	48.1	6.28	48.8	6.23	49.9	6.12	50.8	6.02
	33	41.7	6.90	44.5	6.80	46.6	6.71	47.4	6.66	48.1	6.61	49.1	6.52	50.0	6.42
	35	41.1	7.28	43.9	7.20	46.0	7.11	46.8	7.07	47.4	7.03	48.3	6.94	49.2	6.84
	37	41.1	8.34	43.9	8.24	46.0	8.14	46.8	8.09	47.4	8.05	48.3	7.95	49.2	7.86
	39	41.1	9.20	43.9	9.10	46.0	8.99	46.8	8.94	47.4	8.89	48.3	8.78	49.2	8.66
30%	10	37.2	2.82	39.2	2.76	41.5	2.68	42.8	2.63	44.1	2.58	46.9	2.46	50.0	2.33
	12	36.6	2.93	38.7	2.86	41.0	2.77	42.2	2.72	43.5	2.67	46.3	2.55	49.3	2.42
	14	36.0	3.05	38.1	2.97	40.4	2.88	41.6	2.83	42.9	2.78	45.6	2.66	48.5	2.54
	16	35.5	3.19	37.5	3.11	39.8	3.01	41.0	2.96	42.3	2.90	44.9	2.79	47.8	2.67
	18	34.9	3.35	37.0	3.25	39.2	3.15	40.4	3.10	41.7	3.05	44.3	2.94	47.1	2.82
	20	34.3	3.52	36.4	3.42	38.6	3.32	39.8	3.26	41.0	3.21	43.6	3.10	46.3	2.99
	21	34.0	3.61	36.1	3.51	38.3	3.41	39.5	3.35	40.7	3.30	43.3	3.19	46.0	3.08
	23	33.4	3.80	35.5	3.70	37.7	3.59	38.9	3.54	40.1	3.49	42.6	3.38	45.2	3.28
	25	32.8	4.00	34.9	3.90	37.1	3.80	38.3	3.75	39.5	3.70	41.9	3.60	44.5	3.49
	27	32.1	4.22	34.3	4.12	36.5	4.02	37.7	3.97	38.8	3.93	41.2	3.83	43.7	3.73
	29	31.5	4.45	33.7	4.36	35.9	4.27	37.0	4.22	38.2	4.17	40.5	4.08	43.0	3.98
	31	30.9	4.70	33.1	4.61	35.3	4.52	36.4	4.48	37.5	4.43	39.8	4.34	42.2	4.25
	33	30.3	4.97	32.4	4.88	34.6	4.80	35.7	4.76	36.9	4.71	39.1	4.63	41.4	4.54
	35	29.6	5.24	31.8	5.17	34.0	5.09	35.1	5.05	36.2	5.01	38.4	4.93	40.6	4.85
	37	29.6	6.25	31.8	6.15	34.0	6.05	35.1	6.00	36.2	5.95	38.4	5.84	40.6	5.73
	39	29.6	6.88	31.8	6.77	34.0	6.67	35.1	6.61	36.2	6.56	38.4	6.45	40.6	6.35

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ44AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	140	20.7	150	21.0	157	21.2	160	21.3	161	21.4	165	21.6	168	21.8
	12	139	21.7	148	21.9	155	22.2	157	22.4	159	22.5	162	22.7	165	22.9
	14	137	22.6	146	22.9	152	23.2	154	23.4	156	23.5	159	23.8	162	24.1
	16	135	23.6	144	23.9	150	24.2	152	24.4	154	24.5	157	24.9	160	25.2
	18	134	24.6	142	24.9	148	25.2	149	25.4	151	25.5	154	25.9	157	26.3
	20	132	25.6	140	25.9	145	26.3	147	26.4	149	26.6	152	27.0	155	27.4
	21	131	26.0	139	26.4	144	26.8	146	27.0	148	27.1	151	27.5	154	27.9
	23	129	27.1	137	27.5	142	27.9	144	28.1	145	28.2	148	28.6	152	29.0
	25	128	28.1	135	28.5	140	29.0	141	29.2	143	29.4	146	29.8	149	30.2
	27	126	29.2	133	29.7	137	30.1	139	30.3	141	30.5	144	30.9	147	31.3
	29	124	30.4	131	30.9	135	31.3	137	31.5	139	31.7	142	32.1	145	32.5
	31	122	31.7	129	32.1	133	32.5	135	32.7	136	32.9	139	33.3	143	33.7
	33	121	33.0	127	33.4	131	33.8	133	33.9	134	34.1	137	34.5	140	34.9
	35	119	34.3	125	34.7	129	35.0	131	35.2	132	35.4	135	35.7	138	36.2
	37	117	35.4	123	35.8	127	36.1	129	36.3	130	36.5	133	37.1	136	37.5
	39	115	36.5	121	36.9	125	37.6	127	37.8	128	38.0	131	38.4	134	38.8
120%	10	136	20.6	146	20.9	154	21.2	157	21.4	159	21.5	162	21.8	165	22.0
	12	134	21.6	144	21.9	151	22.2	154	22.3	157	22.5	160	22.8	162	23.1
	14	132	22.5	142	22.8	149	23.1	152	23.3	154	23.5	157	23.8	160	24.2
	16	131	23.5	140	23.8	147	24.1	149	24.3	151	24.5	154	24.8	157	25.2
	18	129	24.5	138	24.8	145	25.1	147	25.3	149	25.5	152	25.9	155	26.3
	20	128	25.5	136	25.8	142	26.2	145	26.4	146	26.6	149	27.0	152	27.4
	21	127	26.0	135	26.3	141	26.7	143	26.9	145	27.1	148	27.5	151	27.9
	23	125	27.0	133	27.4	139	27.8	141	28.0	143	28.2	146	28.6	149	29.0
	25	124	28.0	131	28.4	137	28.9	139	29.1	141	29.3	144	29.8	147	30.2
	27	122	29.1	130	29.6	135	30.0	137	30.3	138	30.5	141	30.9	144	31.4
	29	121	30.3	128	30.7	133	31.2	135	31.5	136	31.7	139	32.1	142	32.6
	31	119	31.5	126	32.0	131	32.5	132	32.7	134	32.9	137	33.3	140	33.8
	33	117	32.8	124	33.3	129	33.7	130	33.9	132	34.1	135	34.6	138	35.0
	35	116	34.1	122	34.5	127	35.0	128	35.2	130	35.4	133	35.8	135	36.3
	37	114	35.3	121	35.8	125	36.3	126	36.5	128	36.7	131	37.1	133	37.6
	39	112	36.4	119	36.9	123	37.6	124	37.8	125	38.0	128	38.5	131	38.9
110%	10	131	20.6	141	20.8	149	21.1	153	21.3	156	21.4	160	21.8	162	22.1
	12	129	21.5	139	21.8	147	22.1	151	22.2	153	22.4	157	22.7	160	23.1
	14	128	22.4	137	22.7	145	23.0	148	23.2	151	23.4	154	23.7	157	24.1
	16	126	23.4	135	23.7	143	24.0	146	24.2	149	24.4	152	24.8	154	25.2
	18	125	24.4	134	24.7	141	25.1	144	25.3	146	25.4	149	25.8	152	26.2
	20	124	25.4	132	25.7	139	26.1	142	26.3	144	26.5	147	26.9	150	27.4
	21	123	25.9	131	26.2	138	26.6	141	26.8	143	27.1	146	27.5	148	27.9
	23	121	26.9	130	27.2	136	27.7	138	27.9	140	28.1	143	28.6	146	29.1
	25	120	27.9	128	28.3	134	28.7	136	29.0	138	29.2	141	29.7	144	30.2
	27	119	29.0	126	29.4	132	29.9	134	30.1	136	30.4	139	30.9	142	31.4
	29	117	30.2	124	30.6	130	31.1	132	31.3	134	31.6	136	32.1	139	32.6
	31	115	31.4	123	31.9	128	32.3	130	32.6	132	32.8	134	33.4	137	33.9
	33	114	32.7	121	33.1	126	33.6	128	33.9	129	34.1	132	34.6	135	35.1
	35	112	34.0	119	34.4	124	34.9	126	35.1	127	35.4	130	35.9	133	36.4
	37	111	35.1	118	35.7	122	36.2	124	36.4	125	36.7	128	37.2	130	37.7
	39	109	36.2	116	36.7	120	37.5	122	37.8	123	38.0	125	38.5	128	39.1
100%	10	122	20.5	137	20.8	145	21.1	148	21.2	151	21.4	156	21.7	159	21.9
	12	122	21.4	135	21.7	143	22.0	146	22.2	149	22.3	154	22.7	157	23.0
	14	122	22.3	133	22.6	141	23.0	144	23.1	147	23.3	151	23.7	154	24.1
	16	121	23.3	131	23.6	139	24.0	142	24.1	145	24.3	149	24.7	152	25.1
	18	120	24.3	129	24.6	137	25.0	140	25.2	143	25.4	147	25.8	149	26.2
	20	119	25.3	128	25.6	135	26.0	138	26.2	140	26.4	144	26.9	147	27.3
	21	118	25.8	127	26.1	134	26.5	137	26.7	139	26.9	143	27.4	146	27.9
	23	117	26.8	125	27.1	132	27.5	135	27.7	137	28.0	141	28.4	143	29.0
	25	116	27.8	124	28.2	130	28.6	133	28.8	135	29.1	138	29.6	141	30.1
	27	114	28.9	122	29.3	128	29.7	131	30.0	133	30.2	136	30.7	139	31.3
	29	113	30.1	120	30.5	127	30.9	129	31.2	131	31.4	134	31.9	137	32.5
	31	111	31.3	119	31.7	125	32.2	127	32.4	129	32.7	132	33.2	134	33.8
	33	110	32.6	117	33.0	123	33.5	125	33.7	127	34.0	129	34.5	132	35.1
	35	108	33.8	116	34.3	121	34.8	123	35.1	125	35.4	127	35.9	130	36.4
	37	107	34.8	114	35.4	119	35.9	121	36.2	123	36.5	125	37.2	128	37.8
	39	105	35.9	112	36.4	117	37.5	119	37.7	120	38.0	123	38.6	125	39.2
90%	10	109	15.9	122	16.0	129	16.1	132	16.1	135	16.2	140	16.3	142	16.4
	12	109	16.7	121	16.9	128	17.0	131	17.1	133	17.1	137	17.2	140	17.4
	14	109	17.6	119	17.8	126	17.9	129	18.0	131	18.0	135	18.2	138	18.3
	16	109	18.5	118	18.7	124	18.8	127	18.9	129	19.0	133	19.1	136	19.3
	18	108	19.4	116	19.5	123	19.7	125	19.8	128	19.9	132	20.1	134	20.2
	20	107	20.2	115	20.4	121	20.6	124	20.7	126	20.8	130	21.0	132	21.2
	21	107	20.7	114	20.9	120	21.1	123	21.2	125	21.3	129	21.5	131	21.7
	23	105	21.6	113	21.8	119	22.0	121	22.1	123	22.2	127	22.4	129	22.6
	25	104	22.4	111	22.7	117	22.9	120	23.0	122	23.1	125	23.3	127	23.6
	27	103	23.3	110	23.6	116	23.8	118	23.9	120	24.0	123	24.3	125	24.5
	29	102	24.2	108	24.4	114	24.7	116	24.8	118	25.0	121	25.2	123	25.5
	31	100	25.1	107	25.3	112	25.6	114	25.8	116	25.9	119	26.2	121	26.4
	33	99.2	25.9	106	26.2	111	26.5	113	26.7	114	26.8	117	27.1	119	27.4
	35	98.2	26.8	104	27.1	109	27.4	111	27.6	112	27.7	114	28.0	117	28.4
	37	98.2	29.3	104	29.6	109	29.9	111	30.0	112	30.2	114	30.5	117	30.7
	39	98.2	32.1	104	32.4	109	32.7	111	32.9	112	33.0	114	32.6	117	32.8
80%	10	97.5	12.0	109	12.0	115	12.0	118	12.0	120	12.0	124	12.0	126	12.0
	12	97.3	12.7	107	12.7	113	12.7	116	12.7	118	12.7	122	12.8	125	12.8
	14	97.2	13.5	106	13.5	112	13.5	114	13.5	117	13.5	120	13.6	123	13.6
	16	97.1	14.2	105	14.2	110	14.3	113	14.3	115	14.3	119	14.4	121	14.4
	18	96.5	14.9	103	15.0	109	15.0	111	15.1	114	15.1	117	15.1	119	15.2
	20	95.3	15.7	102	15.8	108	15.8	110	15.8	112	15.9	115	15.9	117	16.0
	21	94.8	16.1	101	16.1	107	16.2	109	16.2	111	16.3	114	16.3	117	16.4
	23	93.7	16.8	100	16.9	106	17.0	108	17.0	110	17.1	113	17.1	115	17.2
	25	92.6	17.5	99.0	17.6	104	17.7	106	17.8	108	17.8	111	17.9	113	18.0
	27	91.6	18.3	97.8	18.4	103	18.5	105	18.6	107	18.6	109	18.7	111	18.8
	29	90.7	19.0	96.6	19.2	101	19.3	103	19.3	105	19.4	107	19.5	109	19.7
	31	89.7	19.8	95.5	19.9	99.8	20.0	102	20.1	103	20.2	105	20.3	108	20.5
	33	88.8	20.5	94.4	20.7	98.4	20.8	100	20.9	101	21.0	104	21.1	106	21.3
	35	87.9	21.3	93.3	21.4	97.1	21.6	98.4	21.7	99.6	21.8	102	21.9	104	22.1
	37	87.9	23.0	93.3	23.1	97.1	23.3	98.4	23.3	99.6	23.4	102	23.5	104	23.6
	39	87.9	25.2	93.3	25.3	97.1	25.5	98.4	25.5	99.6	25.6	102	25.6	104	25.7

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	85.3	9.00	95.0	8.90	100	8.80	103	8.74	105	8.69	108	8.59	111	8.49
	12	85.1	9.62	93.8	9.53	99.0	9.44	101	9.39	103	9.35	107	9.26	109	9.17
	14	85.0	10.2	92.6	10.2	97.7	10.1	99.9	10.0	102	10.0	105	9.92	107	9.85
	16	84.9	10.9	91.5	10.8	96.4	10.7	98.6	10.7	101	10.7	104	10.6	106	10.5
	18	84.5	11.5	90.4	11.4	95.3	11.4	97.4	11.3	99.3	11.3	102	11.3	104	11.2
	20	83.5	12.1	89.3	12.0	94.1	12.0	96.2	12.0	98.0	12.0	101	11.9	103	11.9
	21	83.0	12.4	88.7	12.4	93.5	12.3	95.6	12.3	97.3	12.3	100	12.3	102	12.2
	23	82.1	13.0	87.7	13.0	92.3	13.0	94.3	13.0	96.0	12.9	98.5	12.9	100	12.9
	25	81.2	13.6	86.6	13.6	91.1	13.6	93.0	13.6	94.6	13.6	96.9	13.6	98.8	13.6
	27	80.3	14.2	85.6	14.2	89.9	14.3	91.7	14.3	93.2	14.3	95.3	14.3	97.2	14.3
	29	79.5	14.9	84.6	14.9	88.6	14.9	90.3	14.9	91.8	14.9	93.8	14.9	95.7	14.9
	31	78.6	15.5	83.6	15.5	87.3	15.5	88.9	15.6	90.3	15.6	92.2	15.6	94.1	15.6
	33	77.9	16.1	82.7	16.1	86.1	16.2	87.5	16.2	88.7	16.2	90.6	16.3	92.5	16.3
	35	77.1	16.7	81.7	16.8	85.0	16.8	86.1	16.8	87.2	16.9	89.0	16.9	90.9	17.0
	37	77.1	17.9	81.7	18.0	85.0	18.0	86.1	18.0	87.2	18.0	89.0	18.0	90.9	18.0
	39	77.1	19.7	81.7	19.7	85.0	19.7	86.1	19.7	87.2	19.7	89.0	19.6	90.9	19.6
60%	10	72.8	6.96	81.2	6.77	85.7	6.57	87.6	6.47	89.5	6.38	92.6	6.18	94.8	5.99
	12	72.7	7.46	80.1	7.28	84.6	7.10	86.6	7.01	88.4	6.91	91.4	6.73	93.5	6.55
	14	72.7	7.95	79.2	7.79	83.6	7.62	85.6	7.54	87.3	7.45	90.2	7.29	92.1	7.12
	16	72.7	8.45	78.3	8.30	82.7	8.14	84.6	8.07	86.2	7.99	89.0	7.84	90.8	7.69
	18	72.3	8.95	77.4	8.81	81.7	8.67	83.5	8.60	85.1	8.53	87.8	8.39	89.4	8.25
	20	71.5	9.45	76.5	9.32	80.7	9.19	82.4	9.13	84.0	9.07	86.4	8.94	88.1	8.82
	21	71.0	9.69	76.0	9.57	80.2	9.46	81.9	9.40	83.4	9.34	85.8	9.22	87.4	9.10
	23	70.2	10.2	75.1	10.1	79.1	9.98	80.8	9.93	82.3	9.88	84.4	9.77	86.0	9.66
	25	69.4	10.7	74.2	10.6	78.1	10.5	79.7	10.5	81.1	10.4	83.1	10.3	84.7	10.2
	27	68.6	11.2	73.3	11.1	77.0	11.0	78.6	11.0	79.9	11.0	81.7	10.9	83.3	10.8
	29	67.8	11.7	72.3	11.6	75.9	11.6	77.4	11.5	78.7	11.5	80.4	11.4	82.0	11.4
	31	67.1	12.2	71.5	12.1	74.8	12.1	76.2	12.1	77.4	12.0	79.0	12.0	80.6	11.9
	33	66.5	12.7	70.7	12.6	73.8	12.6	75.0	12.6	76.0	12.6	77.7	12.5	79.3	12.5
	35	65.8	13.2	69.9	13.2	72.8	13.1	73.8	13.1	74.7	13.1	76.3	13.1	77.9	13.1
	37	65.8	14.2	69.9	14.1	72.8	14.1	73.8	14.1	74.7	14.0	76.3	14.0	77.9	13.9
	39	65.8	15.6	69.9	15.5	72.8	15.4	73.8	15.4	74.7	15.3	76.3	15.2	77.9	15.1
50%	10	60.8	5.92	67.4	5.86	71.3	5.82	73.0	5.80	74.5	5.77	77.1	5.74	79.0	5.70
	12	60.7	6.03	66.7	5.96	70.5	5.89	72.2	5.85	73.7	5.82	76.2	5.75	77.9	5.69
	14	60.5	6.19	66.0	6.10	69.7	6.00	71.3	5.96	72.8	5.91	75.2	5.82	76.8	5.74
	16	60.5	6.40	65.2	6.29	68.9	6.18	70.5	6.12	71.9	6.07	74.1	5.96	75.6	5.85
	18	60.2	6.65	64.5	6.52	68.1	6.40	69.6	6.34	70.9	6.27	73.2	6.15	74.5	6.02
	20	59.5	6.95	63.7	6.81	67.2	6.68	68.7	6.61	70.0	6.54	72.0	6.40	73.4	6.26
	21	59.2	7.12	63.4	6.97	66.8	6.83	68.3	6.76	69.5	6.69	71.5	6.55	72.8	6.40
	23	58.5	7.48	62.6	7.33	65.9	7.19	67.3	7.11	68.6	7.04	70.4	6.89	71.7	6.73
	25	57.8	7.90	61.8	7.74	65.1	7.59	66.4	7.52	67.6	7.44	69.2	7.29	70.6	7.13
	27	57.1	8.35	61.0	8.20	64.2	8.05	65.5	7.98	66.6	7.90	68.1	7.74	69.4	7.59
	29	56.4	8.86	60.2	8.70	63.3	8.56	64.5	8.49	65.5	8.41	67.0	8.26	68.3	8.11
	31	55.7	9.41	59.4	9.26	62.4	9.12	63.5	9.05	64.5	8.98	65.9	8.84	67.2	8.70
	33	55.0	10.0	58.6	9.86	61.4	9.74	62.5	9.67	63.4	9.61	64.7	9.48	66.1	9.35
	35	54.2	10.6	57.8	10.5	60.5	10.4	61.5	10.3	62.3	10.3	63.6	10.2	65.0	10.1
	37	54.2	11.7	57.8	11.6	60.5	11.6	61.5	11.5	62.3	11.5	63.6	11.4	65.0	11.4
	39	54.2	12.8	57.8	12.7	60.5	12.7	61.5	12.6	62.3	12.6	63.6	12.5	65.0	12.4
40%	10	48.7	4.31	53.1	4.23	55.6	4.13	56.7	4.07	58.0	4.00	60.4	3.85	62.5	3.67
	12	48.5	4.47	52.5	4.38	54.9	4.27	56.1	4.21	57.3	4.14	59.5	3.99	61.5	3.82
	14	48.4	4.66	51.8	4.55	54.3	4.44	55.5	4.37	56.6	4.30	58.7	4.15	60.5	3.99
	16	48.3	4.86	51.2	4.75	53.7	4.63	54.8	4.56	55.9	4.49	57.9	4.35	59.6	4.19
	18	47.9	5.09	50.6	4.97	53.1	4.84	54.2	4.77	55.3	4.71	57.1	4.56	58.7	4.41
	20	47.3	5.33	50.1	5.21	52.5	5.08	53.6	5.01	54.6	4.95	56.3	4.81	57.8	4.66
	21	47.0	5.46	49.8	5.34	52.2	5.21	53.3	5.14	54.3	5.08	55.9	4.94	57.3	4.80
	23	46.4	5.74	49.2	5.61	51.7	5.48	52.7	5.42	53.6	5.35	55.2	5.22	56.4	5.09
	25	45.8	6.03	48.7	5.91	51.1	5.78	52.1	5.72	53.0	5.66	54.4	5.53	55.6	5.40
	27	45.2	6.35	48.2	6.23	50.5	6.11	51.5	6.05	52.4	5.99	53.6	5.86	54.8	5.74
	29	44.7	6.69	47.6	6.57	50.0	6.46	50.9	6.40	51.7	6.34	52.9	6.23	53.9	6.11
	31	44.1	7.05	47.1	6.94	49.5	6.83	50.4	6.78	51.1	6.72	52.2	6.61	53.1	6.50
	33	43.6	7.42	46.6	7.33	48.9	7.23	49.8	7.18	50.5	7.13	51.5	7.03	52.3	6.92
	35	43.1	7.82	46.2	7.74	48.4	7.65	49.2	7.60	49.8	7.56	50.7	7.46	51.5	7.37
	37	43.1	9.24	46.2	9.16	48.4	9.09	49.2	9.05	49.8	9.01	50.7	8.93	51.5	8.85
	39	43.1	10.1	46.2	10.1	48.4	9.96	49.2	9.92	49.8	9.87	50.7	9.78	51.5	9.68
30%	10	39.2	3.04	40.9	2.97	43.1	2.88	44.4	2.83	45.8	2.77	48.8	2.65	52.3	2.51
	12	38.5	3.16	40.3	3.08	42.6	2.99	43.8	2.94	45.1	2.88	48.1	2.76	51.5	2.62
	14	37.9	3.30	39.7	3.21	42.0	3.11	43.2	3.06	44.5	3.00	47.4	2.88	50.7	2.75
	16	37.2	3.46	39.1	3.36	41.4	3.26	42.6	3.20	43.9	3.14	46.8	3.02	49.9	2.89
	18	36.6	3.62	38.5	3.52	40.8	3.42	42.0	3.36	43.3	3.30	46.1	3.18	49.2	3.06
	20	35.9	3.81	37.9	3.70	40.2	3.59	41.4	3.54	42.7	3.48	45.4	3.36	48.4	3.24
	21	35.6	3.90	37.6	3.80	39.9	3.69	41.1	3.63	42.4	3.58	45.1	3.46	48.0	3.34
	23	34.9	4.11	37.0	4.00	39.3	3.89	40.5	3.84	41.8	3.78	44.4	3.67	47.2	3.55
	25	34.3	4.33	36.4	4.22	38.7	4.11	39.9	4.06	41.1	4.00	43.7	3.90	46.4	3.79
	27	33.6	4.56	35.8	4.46	38.1	4.35	39.3	4.30	40.5	4.25	43.0	4.14	45.7	4.03
	29	33.0	4.81	35.2	4.71	37.5	4.61	38.7	4.56	39.9	4.51	42.4	4.40	44.9	4.30
	31	32.3	5.07	34.6	4.98	36.9	4.88	38.1	4.83	39.3	4.78	41.7	4.69	44.1	4.59
	33	31.7	5.35	34.0	5.26	36.3	5.17	37.5	5.13	38.7	5.08	41.0	4.99	43.3	4.89
	35	31.0	5.64	33.4	5.56	35.7	5.48	36.9	5.44	38.0	5.39	40.3	5.31	42.6	5.22
	37	31.0	6.80	33.4	6.72	35.7	6.63	36.9	6.58	38.0	6.54	40.3	6.44	42.6	6.34
	39	31.0	7.48	33.4	7.38	35.7	7.28	36.9	7.23	38.0	7.18	40.3	7.08	42.6	6.98

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ46AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	148	21.5	158	21.8	165	22.1	168	22.2	170	22.4	173	22.7	177	23.0
	12	146	22.5	156	22.8	163	23.1	165	23.3	167	23.4	171	23.7	174	24.1
	14	144	23.6	154	23.9	160	24.2	163	24.3	164	24.5	168	24.8	171	25.2
	16	143	24.6	152	24.9	158	25.2	160	25.4	162	25.6	165	25.9	169	26.3
	18	141	25.7	150	26.0	156	26.3	158	26.5	159	26.7	163	27.0	166	27.4
	20	139	26.7	148	27.1	153	27.4	155	27.6	157	27.8	160	28.1	164	28.5
	21	138	27.2	147	27.6	152	28.0	154	28.2	156	28.4	159	28.7	163	29.1
	23	137	28.3	145	28.7	150	29.2	151	29.3	153	29.5	157	29.9	160	30.3
	25	135	29.4	143	29.8	147	30.3	149	30.5	151	30.7	154	31.1	158	31.5
	27	133	30.6	140	31.0	145	31.5	147	31.7	149	31.9	152	32.3	156	32.7
	29	131	31.8	138	32.3	143	32.8	144	32.9	146	33.1	150	33.5	153	33.9
	31	129	33.1	136	33.6	140	34.0	142	34.2	144	34.4	147	34.8	151	35.2
	33	127	34.5	134	34.9	138	35.3	140	35.5	142	35.6	145	36.0	148	36.4
	35	126	35.9	132	36.2	136	36.6	138	36.8	139	36.9	143	37.3	146	37.7
	37	124	37.2	130	37.5	134	37.9	135	38.1	137	38.3	140	38.6	144	40.1
	39	122	38.6	127	38.9	131	39.2	133	39.4	135	40.4	138	41.0	141	41.6
120%	10	143	21.4	153	21.7	162	22.0	165	22.2	167	22.3	171	22.6	174	23.0
	12	141	22.4	151	22.7	159	23.0	162	23.2	165	23.4	168	23.7	171	24.0
	14	140	23.5	149	23.8	157	24.1	160	24.3	162	24.4	165	24.8	169	25.1
	16	138	24.5	148	24.8	155	25.2	157	25.3	160	25.5	163	25.9	166	26.3
	18	137	25.6	146	25.9	153	26.3	155	26.4	157	26.6	160	27.0	163	27.4
	20	135	26.6	144	27.0	150	27.4	153	27.6	154	27.7	158	28.1	161	28.5
	21	134	27.2	143	27.5	149	27.9	151	28.1	153	28.3	157	28.7	160	29.1
	23	133	28.2	141	28.6	147	29.1	149	29.3	151	29.5	154	29.9	157	30.3
	25	131	29.3	139	29.7	145	30.2	147	30.4	148	30.7	152	31.1	155	31.5
	27	129	30.5	137	30.9	143	31.4	144	31.6	146	31.9	149	32.3	153	32.8
	29	128	31.7	135	32.1	140	32.6	142	32.9	144	33.1	147	33.6	150	34.0
	31	126	33.0	133	33.4	138	33.9	140	34.2	141	34.4	145	34.8	148	35.3
	33	124	34.3	131	34.8	136	35.2	138	35.4	139	35.7	142	36.1	146	36.6
	35	122	35.7	129	36.1	134	36.5	135	36.7	137	37.0	140	37.4	143	37.8
	37	121	37.0	127	37.4	131	37.8	133	38.1	135	38.3	138	39.4	141	40.0
	39	119	38.3	125	38.8	129	39.2	131	39.4	132	40.3	135	40.9	138	41.5
110%	10	139	21.3	149	21.6	157	21.9	161	22.1	164	22.3	168	22.6	171	22.9
	12	137	22.3	147	22.6	155	23.0	158	23.1	161	23.3	165	23.6	168	24.0
	14	135	23.4	145	23.7	153	24.0	156	24.2	159	24.4	163	24.7	166	25.1
	16	134	24.4	143	24.7	151	25.1	154	25.3	157	25.5	160	25.8	163	26.2
	18	132	25.5	141	25.8	149	26.2	152	26.4	154	26.6	158	27.0	161	27.4
	20	131	26.6	139	26.9	147	27.3	150	27.5	152	27.7	155	28.1	158	28.6
	21	130	27.1	139	27.4	146	27.8	148	28.1	151	28.3	154	28.7	157	29.2
	23	128	28.1	137	28.5	144	28.9	146	29.2	148	29.4	151	29.9	154	30.4
	25	127	29.2	135	29.6	142	30.1	144	30.3	146	30.5	149	31.1	152	31.6
	27	125	30.4	133	30.8	140	31.2	142	31.5	144	31.8	147	32.3	150	32.8
	29	124	31.6	132	32.0	137	32.5	140	32.7	141	33.0	144	33.6	147	34.1
	31	122	32.9	130	33.3	135	33.8	137	34.1	139	34.3	142	34.9	145	35.4
	33	120	34.2	128	34.7	133	35.2	135	35.4	137	35.7	140	36.2	143	36.7
	35	119	35.5	126	36.0	131	36.5	133	36.7	134	37.0	137	37.5	140	38.0
	37	117	36.8	124	37.3	129	37.8	131	38.1	132	38.3	135	38.8	138	39.8
	39	115	38.1	122	38.6	127	39.2	128	39.4	130	40.2	133	40.8	135	41.4
100%	10	129	21.2	144	21.5	152	21.9	156	22.0	159	22.2	165	22.5	168	22.8
	12	129	22.2	142	22.5	150	22.9	154	23.0	157	23.2	162	23.6	165	23.9
	14	128	23.2	140	23.6	148	23.9	152	24.1	155	24.3	160	24.7	163	25.1
	16	128	24.3	138	24.6	146	25.0	150	25.2	153	25.4	157	25.8	160	26.2
	18	127	25.3	137	25.7	144	26.1	148	26.3	150	26.5	155	26.9	158	27.4
	20	126	26.4	135	26.8	142	27.2	146	27.4	148	27.6	152	28.1	155	28.5
	21	125	26.9	134	27.3	141	27.7	145	27.9	147	28.1	151	28.6	154	29.1
	23	124	28.0	132	28.3	139	28.8	142	29.0	145	29.2	149	29.7	152	30.3
	25	122	29.1	131	29.5	138	29.9	140	30.1	143	30.4	146	30.9	149	31.4
	27	121	30.2	129	30.6	136	31.1	138	31.3	141	31.6	144	32.1	147	32.7
	29	119	31.4	127	31.9	134	32.3	136	32.6	139	32.8	142	33.4	144	34.0
	31	118	32.7	126	33.2	132	33.6	134	33.9	136	34.1	139	34.7	142	35.3
	33	116	34.1	124	34.5	130	35.0	132	35.3	134	35.5	137	36.1	140	36.7
	35	115	35.3	122	35.9	128	36.4	130	36.7	132	37.0	134	37.5	137	38.1
	37	113	36.6	120	37.2	126	37.8	128	38.0	129	38.3	132	38.9	135	39.6
	39	112	38.0	119	38.5	124	39.1	126	39.4	127	39.7	130	40.6	133	41.2
90%	10	116	17.1	129	17.2	136	17.3	140	17.4	142	17.5	147	17.6	150	17.8
	12	115	17.9	127	18.1	135	18.2	138	18.3	141	18.3	145	18.5	148	18.6
	14	115	18.8	126	18.9	133	19.1	136	19.1	139	19.2	143	19.4	146	19.6
	16	115	19.6	124	19.8	131	19.9	134	20.0	137	20.1	141	20.3	144	20.5
	18	115	20.5	123	20.7	130	20.8	132	20.9	135	21.0	139	21.3	142	21.5
	20	113	21.4	121	21.6	128	21.8	131	21.9	133	22.0	137	22.2	140	22.4
	21	113	21.8	121	22.0	127	22.3	130	22.4	132	22.5	136	22.7	139	22.9
	23	111	22.7	119	23.0	125	23.2	128	23.3	130	23.5	134	23.7	136	23.9
	25	110	23.7	118	23.9	124	24.2	126	24.3	129	24.4	132	24.7	134	25.0
	27	109	24.6	116	24.9	122	25.2	125	25.3	127	25.5	130	25.7	132	26.0
	29	107	25.6	115	25.9	120	26.2	123	26.4	125	26.5	127	26.8	130	27.1
	31	106	26.6	113	26.9	119	27.2	121	27.4	123	27.6	125	27.9	128	28.2
	33	105	27.7	112	28.0	117	28.3	119	28.5	121	28.6	123	29.0	126	29.3
	35	104	28.7	110	29.0	115	29.4	117	29.6	118	29.7	121	30.1	124	30.4
	37	104	31.2	110	31.6	115	31.9	117	32.1	118	32.2	121	32.5	124	32.8
	39	104	34.2	110	34.5	115	34.9	117	35.0	118	35.1	121	35.4	124	35.6
80%	10	103	13.4	115	13.4	121	13.3	124	13.3	126	13.3	131	13.4	134	13.4
	12	103	14.1	113	14.1	120	14.1	122	14.1	125	14.1	129	14.1	132	14.2
	14	103	14.8	112	14.8	118	14.8	121	14.8	123	14.9	127	14.9	130	14.9
	16	103	15.5	110	15.5	117	15.6	119	15.6	122	15.6	125	15.7	128	15.7
	18	102	16.2	109	16.3	115	16.4	118	16.4	120	16.4	124	16.5	126	16.5
	20	101	17.0	108	17.1	114	17.1	116	17.2	118	17.2	122	17.3	124	17.4
	21	100	17.3	107	17.4	113	17.5	115	17.6	118	17.6	121	17.7	123	17.8
	23	99.0	18.1	106	18.2	112	18.4	114	18.4	116	18.5	119	18.6	121	18.7
	25	97.9	18.9	105	19.1	110	19.2	112	19.3	114	19.3	117	19.4	119	19.5
	27	96.8	19.7	103	19.9	109	20.1	111	20.1	113	20.2	115	20.3	117	20.4
	29	95.7	20.6	102	20.8	107	20.9	109	21.0	111	21.1	113	21.2	116	21.4
	31	94.6	21.4	101	21.6	105	21.8	107	21.9	109	22.0	111	22.2	114	22.3
	33	93.5	22.3	99.5	22.5	104	22.7	106	22.8	107	22.9	110	23.1	112	23.3
	35	92.5	23.2	98.3	23.4	102	23.6	104	23.7	105	23.8	108	24.0	110	24.2
	37	92.5	24.8	98.3	25.0	102	25.1	104	25.2	105	25.3	108	25.4	110	25.5
	39	92.5	27.1	98.3	27.3	102	27.4	104	27.5	105	27.6	108	27.7	110	27.7

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	89.9	10.2	100	10.0	106	9.91	108	9.86	110	9.82	114	9.75	117	9.70
	12	89.8	10.7	99.0	10.6	105	10.5	107	10.5	109	10.4	113	10.4	115	10.3
	14	89.8	11.3	97.8	11.2	103	11.1	106	11.1	108	11.1	111	11.0	114	10.9
	16	89.7	11.9	96.6	11.8	102	11.8	104	11.7	106	11.7	110	11.7	112	11.6
	18	89.2	12.5	95.5	12.5	101	12.4	103	12.4	105	12.4	108	12.3	110	12.3
	20	88.2	13.1	94.3	13.1	99.5	13.1	102	13.1	104	13.1	107	13.0	109	13.0
	21	87.7	13.4	93.8	13.4	98.9	13.4	101	13.4	103	13.4	106	13.4	108	13.3
	23	86.7	14.1	92.7	14.1	97.6	14.1	99.7	14.1	101	14.1	104	14.1	106	14.0
	25	85.7	14.8	91.5	14.8	96.3	14.8	98.3	14.8	100	14.8	102	14.8	104	14.8
	27	84.7	15.5	90.4	15.5	95.0	15.5	96.9	15.6	98.5	15.6	101	15.6	103	15.6
	29	83.8	16.2	89.3	16.2	93.7	16.3	95.5	16.3	97.0	16.3	99.2	16.3	101	16.3
	31	82.9	16.9	88.2	17.0	92.3	17.0	94.0	17.1	95.4	17.1	97.5	17.1	99.5	17.1
	33	81.9	17.6	87.1	17.7	91.0	17.8	92.5	17.8	93.8	17.9	95.8	17.9	97.8	18.0
	35	81.0	18.4	86.0	18.5	89.7	18.6	91.0	18.6	92.1	18.7	94.1	18.7	96.1	18.8
	37	81.0	19.5	86.0	19.6	89.7	19.6	91.0	19.6	92.1	19.6	94.1	19.7	96.1	19.6
	39	81.0	21.3	86.0	21.3	89.7	21.4	91.0	21.4	92.1	21.4	94.1	21.4	96.1	21.3
60%	10	76.9	7.46	85.7	7.24	90.5	7.04	92.6	6.95	94.6	6.87	97.9	6.74	100	6.62
	12	76.8	7.90	84.7	7.70	89.4	7.52	91.5	7.44	93.4	7.36	96.6	7.22	98.8	7.10
	14	76.8	8.37	83.7	8.19	88.4	8.02	90.5	7.94	92.3	7.87	95.3	7.72	97.4	7.59
	16	76.8	8.85	82.7	8.69	87.4	8.54	89.4	8.46	91.2	8.39	94.0	8.24	95.9	8.10
	18	76.4	9.34	81.8	9.20	86.3	9.07	88.3	9.00	90.0	8.93	92.8	8.79	94.5	8.64
	20	75.5	9.86	80.9	9.73	85.3	9.61	87.2	9.55	88.8	9.48	91.4	9.35	93.1	9.20
	21	75.1	10.1	80.4	10.0	84.7	9.89	86.6	9.83	88.2	9.77	90.7	9.63	92.4	9.49
	23	74.2	10.7	79.4	10.6	83.7	10.5	85.4	10.4	87.0	10.3	89.2	10.2	90.9	10.1
	25	73.3	11.2	78.4	11.1	82.5	11.0	84.3	11.0	85.7	10.9	87.8	10.8	89.5	10.7
	27	72.5	11.8	77.4	11.7	81.4	11.6	83.1	11.6	84.4	11.6	86.4	11.5	88.1	11.3
	29	71.6	12.4	76.4	12.3	80.3	12.3	81.8	12.2	83.1	12.2	85.0	12.1	86.7	12.0
	31	70.8	13.0	75.5	12.9	79.1	12.9	80.6	12.9	81.8	12.8	83.6	12.8	85.3	12.7
	33	70.1	13.6	74.6	13.6	78.0	13.5	79.3	13.5	80.4	13.5	82.1	13.5	83.8	13.4
	35	69.3	14.2	73.6	14.2	76.9	14.2	78.0	14.2	79.0	14.2	80.7	14.2	82.4	14.1
	37	69.3	15.1	73.6	15.0	76.9	15.0	78.0	14.9	79.0	14.9	80.7	14.9	82.4	14.8
	39	69.3	16.5	73.6	16.4	76.9	16.4	78.0	16.4	79.0	16.3	80.7	16.2	82.4	16.1
50%	10	64.2	6.05	71.3	6.00	75.4	5.94	77.2	5.91	78.8	5.87	81.6	5.80	83.5	5.71
	12	64.1	6.16	70.5	6.08	74.5	6.00	76.3	5.95	77.9	5.91	80.5	5.81	82.3	5.70
	14	64.0	6.33	69.7	6.22	73.7	6.11	75.4	6.06	76.9	6.00	79.4	5.88	81.1	5.75
	16	64.0	6.54	69.0	6.41	72.8	6.28	74.5	6.22	76.0	6.15	78.4	6.01	79.9	5.87
	18	63.7	6.80	68.2	6.65	71.9	6.51	73.6	6.44	75.0	6.36	77.3	6.21	78.8	6.06
	20	62.9	7.11	67.4	6.95	71.1	6.80	72.6	6.72	74.0	6.64	76.1	6.48	77.6	6.31
	21	62.6	7.28	67.0	7.12	70.6	6.96	72.2	6.88	73.5	6.80	75.5	6.63	77.0	6.46
	23	61.9	7.66	66.2	7.49	69.7	7.33	71.2	7.25	72.5	7.16	74.4	6.99	75.8	6.82
	25	61.1	8.09	65.4	7.92	68.8	7.76	70.2	7.67	71.4	7.58	73.2	7.41	74.6	7.24
	27	60.4	8.57	64.5	8.40	67.9	8.24	69.2	8.15	70.4	8.07	72.0	7.90	73.4	7.73
	29	59.6	9.10	63.7	8.94	66.9	8.78	68.2	8.69	69.3	8.61	70.8	8.45	72.2	8.28
	31	58.9	9.68	62.8	9.52	65.9	9.37	67.2	9.29	68.2	9.22	69.6	9.06	71.0	8.90
	33	58.1	10.3	62.0	10.2	64.9	10.0	66.1	9.95	67.0	9.88	68.4	9.74	69.9	9.59
	35	57.3	11.0	61.1	10.9	63.9	10.7	65.0	10.7	65.8	10.6	67.2	10.5	68.7	10.3
	37	57.3	11.7	61.1	11.6	63.9	11.5	65.0	11.4	65.8	11.4	67.2	11.3	68.7	11.2
	39	57.3	12.9	61.1	12.8	63.9	12.7	65.0	12.6	65.8	12.6	67.2	12.5	68.7	12.3
40%	10	51.4	4.45	56.5	4.38	59.3	4.28	60.7	4.21	61.9	4.14	64.4	3.98	66.3	3.78
	12	51.3	4.60	55.8	4.51	58.7	4.40	60.0	4.33	61.2	4.26	63.5	4.10	65.3	3.91
	14	51.2	4.78	55.2	4.68	58.0	4.55	59.3	4.48	60.5	4.41	62.6	4.25	64.3	4.07
	16	51.1	4.98	54.5	4.87	57.3	4.73	58.6	4.66	59.8	4.59	61.8	4.43	63.3	4.26
	18	50.8	5.21	53.9	5.08	56.7	4.95	57.9	4.87	59.0	4.80	60.9	4.64	62.4	4.48
	20	50.1	5.46	53.3	5.33	56.0	5.19	57.2	5.12	58.3	5.04	60.0	4.89	61.4	4.73
	21	49.8	5.60	53.0	5.46	55.7	5.32	56.9	5.25	57.9	5.18	59.6	5.03	61.0	4.87
	23	49.2	5.89	52.4	5.75	55.0	5.61	56.2	5.54	57.2	5.47	58.8	5.32	60.0	5.17
	25	48.6	6.20	51.8	6.06	54.4	5.93	55.5	5.86	56.5	5.79	57.9	5.65	59.1	5.50
	27	48.0	6.54	51.2	6.41	53.8	6.27	54.8	6.21	55.7	6.14	57.1	6.00	58.2	5.87
	29	47.4	6.91	50.6	6.78	53.1	6.65	54.1	6.59	55.0	6.52	56.2	6.39	57.3	6.27
	31	46.8	7.30	50.0	7.18	52.5	7.06	53.4	7.00	54.2	6.94	55.4	6.82	56.4	6.70
	33	46.3	7.71	49.4	7.61	51.8	7.50	52.7	7.44	53.4	7.39	54.5	7.27	55.5	7.16
	35	45.7	8.15	48.8	8.06	51.2	7.96	52.0	7.91	52.7	7.86	53.7	7.76	54.7	7.65
	37	45.7	9.31	48.8	9.20	51.2	9.09	52.0	9.03	52.7	8.97	53.7	8.87	54.7	8.76
	39	45.7	10.3	48.8	10.2	51.2	10.1	52.0	9.99	52.7	9.93	53.7	9.80	54.7	9.67
30%	10	41.3	3.15	43.6	3.08	46.1	2.99	47.5	2.94	48.9	2.89	52.1	2.76	55.5	2.60
	12	40.7	3.26	42.9	3.18	45.4	3.09	46.8	3.03	48.3	2.98	51.3	2.85	54.7	2.70
	14	40.0	3.39	42.3	3.31	44.8	3.20	46.2	3.15	47.6	3.09	50.6	2.96	53.9	2.81
	16	39.4	3.54	41.7	3.45	44.2	3.34	45.5	3.28	46.9	3.22	49.9	3.09	53.1	2.95
	18	38.7	3.71	41.0	3.61	43.5	3.50	44.9	3.44	46.2	3.38	49.2	3.25	52.3	3.12
	20	38.1	3.90	40.4	3.79	42.9	3.68	44.2	3.62	45.5	3.56	48.4	3.43	51.5	3.30
	21	37.7	4.00	40.1	3.89	42.5	3.77	43.9	3.71	45.2	3.65	48.0	3.53	51.1	3.41
	23	37.1	4.21	39.4	4.10	41.9	3.98	43.2	3.93	44.5	3.87	47.3	3.75	50.2	3.63
	25	36.4	4.44	38.7	4.33	41.2	4.22	42.5	4.16	43.8	4.10	46.5	3.99	49.4	3.87
	27	35.7	4.69	38.1	4.58	40.5	4.47	41.8	4.41	43.1	4.36	45.8	4.25	48.5	4.13
	29	35.0	4.96	37.4	4.85	39.9	4.75	41.1	4.69	42.4	4.64	45.0	4.53	47.7	4.42
	31	34.3	5.24	36.7	5.14	39.2	5.04	40.4	4.99	41.7	4.94	44.2	4.84	46.9	4.73
	33	33.6	5.55	36.0	5.45	38.5	5.36	39.7	5.31	41.0	5.26	43.5	5.17	46.0	5.07
	35	32.9	5.87	35.3	5.78	37.8	5.70	39.0	5.66	40.2	5.61	42.7	5.52	45.1	5.43
	37	32.9	6.96	35.3	6.85	37.8	6.73	39.0	6.67	40.2	6.61	42.7	6.49	45.1	6.37
	39	32.9	7.69	35.3	7.56	37.8	7.44	39.0	7.38	40.2	7.31	42.7	7.19	45.1	7.07

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ48AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	153	23.4	163	23.7	171	24.0	174	24.2	176	24.4	179	24.7	183	25.1
	12	152	24.3	161	24.6	169	25.0	171	25.1	173	25.3	177	25.7	180	26.1
	14	150	25.2	159	25.6	166	25.9	168	26.1	170	26.3	174	26.7	178	27.2
	16	148	26.2	157	26.6	164	27.0	166	27.2	168	27.4	172	27.8	175	28.3
	18	146	27.3	155	27.6	161	28.0	163	28.2	165	28.5	169	28.9	173	29.4
	20	145	28.3	153	28.7	159	29.2	161	29.4	163	29.6	166	30.1	170	30.6
	21	144	28.9	152	29.3	158	29.7	160	29.9	161	30.2	165	30.7	169	31.2
	23	142	30.0	150	30.4	155	30.9	157	31.1	159	31.4	163	31.9	166	32.4
	25	140	31.2	148	31.6	153	32.1	155	32.4	156	32.6	160	33.1	164	33.6
	27	138	32.4	146	32.9	150	33.4	152	33.6	154	33.9	158	34.4	162	34.9
	29	136	33.7	143	34.2	148	34.7	150	35.0	152	35.2	155	35.7	159	36.3
	31	134	35.1	141	35.6	145	36.1	147	36.3	149	36.6	153	37.1	157	37.6
	33	132	36.5	139	37.0	143	37.5	145	37.7	147	38.0	150	38.5	154	39.1
	35	130	38.0	137	38.5	141	38.9	143	39.2	144	39.4	148	39.9	152	40.5
	37	128	39.5	134	40.0	138	40.4	140	40.7	142	40.9	146	41.4	149	42.5
	39	126	41.1	132	41.5	136	42.0	138	42.2	140	42.9	143	43.5	147	44.1
120%	10	149	23.3	159	23.6	167	23.9	171	24.1	173	24.3	177	24.6	180	25.0
	12	147	24.2	157	24.5	165	24.9	168	25.1	171	25.2	174	25.6	177	26.0
	14	145	25.1	155	25.5	163	25.9	166	26.0	168	26.2	171	26.7	175	27.1
	16	144	26.1	153	26.5	160	26.9	163	27.1	165	27.3	169	27.7	172	28.2
	18	142	27.2	151	27.5	158	27.9	161	28.2	163	28.4	166	28.8	170	29.3
	20	140	28.2	149	28.6	156	29.1	158	29.3	160	29.5	164	30.0	167	30.5
	21	139	28.8	148	29.2	155	29.6	157	29.9	159	30.1	162	30.6	166	31.1
	23	138	29.9	146	30.3	153	30.8	155	31.0	156	31.3	160	31.8	163	32.3
	25	136	31.1	144	31.5	150	32.0	152	32.3	154	32.5	157	33.0	161	33.6
	27	134	32.3	142	32.8	148	33.3	150	33.5	152	33.8	155	34.3	159	34.9
	29	133	33.6	140	34.1	146	34.6	147	34.9	149	35.1	153	35.7	156	36.2
	31	131	35.0	138	35.4	143	36.0	145	36.2	147	36.5	150	37.0	154	37.6
	33	129	36.4	136	36.9	141	37.4	143	37.6	144	37.9	148	38.5	151	39.0
	35	127	37.9	134	38.3	138	38.8	140	39.1	142	39.4	145	39.9	149	40.3
	37	125	39.3	132	39.8	136	40.3	138	40.6	139	40.9	143	41.7	146	42.4
	39	123	40.9	130	41.3	133	41.9	135	42.1	137	42.7	140	43.4	144	44.0
110%	10	144	23.2	154	23.5	162	23.8	166	24.0	169	24.2	174	24.5	177	24.9
	12	142	24.1	152	24.4	160	24.8	164	25.0	167	25.1	171	25.5	174	25.9
	14	140	25.0	150	25.4	158	25.8	162	25.9	165	26.1	169	26.6	172	27.0
	16	139	26.0	148	26.4	156	26.8	160	27.0	162	27.2	166	27.6	169	28.1
	18	137	27.1	147	27.4	154	27.8	157	28.1	160	28.3	164	28.7	167	29.2
	20	136	28.1	145	28.5	152	29.0	155	29.2	158	29.4	161	29.9	164	30.4
	21	135	28.7	144	29.1	151	29.5	154	29.8	156	30.0	160	30.5	163	31.0
	23	133	29.8	142	30.2	149	30.7	152	30.9	154	31.2	157	31.7	160	32.2
	25	132	30.9	140	31.4	147	31.9	150	32.1	152	32.4	155	32.9	158	33.5
	27	130	32.2	139	32.6	145	33.1	147	33.4	149	33.7	152	34.2	156	34.8
	29	128	33.5	137	33.9	143	34.4	145	34.7	147	35.0	150	35.6	153	36.2
	31	127	34.8	135	35.3	141	35.8	143	36.1	144	36.4	147	37.0	151	37.6
	33	125	36.2	133	36.7	138	37.3	140	37.5	142	37.8	145	38.4	148	39.0
	35	123	37.7	131	38.2	136	38.7	138	39.0	139	39.3	142	39.9	146	40.5
	37	122	39.1	129	39.7	134	40.2	135	40.5	137	40.8	140	41.4	143	42.2
	39	120	40.7	127	41.2	131	41.8	133	42.0	134	42.6	138	43.2	141	43.8
100%	10	133	23.1	149	23.4	157	23.7	161	23.9	164	24.1	170	24.4	174	24.8
	12	133	24.0	147	24.3	155	24.6	159	24.8	162	25.0	168	25.4	171	25.8
	14	133	24.9	145	25.2	153	25.6	157	25.8	160	26.0	165	26.4	169	26.9
	16	133	25.9	143	26.2	152	26.6	155	26.8	158	27.0	163	27.5	166	28.0
	18	132	26.9	142	27.3	150	27.7	153	27.9	156	28.1	161	28.6	164	29.1
	20	131	28.0	140	28.4	148	28.8	151	29.0	154	29.2	158	29.7	161	30.3
	21	130	28.6	139	28.9	147	29.3	150	29.5	153	29.8	157	30.3	160	30.9
	23	128	29.7	137	30.0	145	30.5	148	30.7	151	30.9	154	31.5	157	32.1
	25	127	30.8	136	31.2	143	31.7	146	31.9	148	32.2	152	32.7	155	33.3
	27	125	32.0	134	32.5	141	32.9	144	33.2	146	33.4	150	34.0	153	34.6
	29	124	33.3	132	33.8	139	34.3	142	34.5	144	34.8	147	35.3	150	36.0
	31	122	34.7	131	35.2	137	35.6	139	35.9	142	36.2	145	36.8	148	37.4
	33	121	36.1	129	36.6	135	37.1	137	37.4	139	37.6	142	38.2	145	38.8
	35	119	37.5	127	38.1	133	38.6	135	38.9	137	39.2	140	39.7	143	40.3
	37	117	39.0	125	39.5	131	40.1	133	40.4	134	40.7	137	41.3	140	42.0
	39	116	40.5	123	41.1	129	41.6	130	41.9	132	42.3	135	43.0	138	43.7
90%	10	120	18.9	134	19.1	141	19.2	145	19.3	148	19.4	153	19.6	156	19.8
	12	120	19.7	132	19.8	140	20.0	143	20.1	146	20.2	151	20.4	154	20.6
	14	120	20.4	130	20.6	138	20.8	141	20.9	144	21.0	149	21.2	152	21.5
	16	120	21.2	129	21.4	136	21.6	139	21.8	142	21.9	146	22.1	149	22.4
	18	119	22.1	127	22.3	135	22.5	138	22.7	140	22.8	145	23.1	147	23.3
	20	118	22.9	126	23.2	133	23.5	136	23.6	138	23.7	142	24.0	145	24.3
	21	117	23.4	125	23.7	132	23.9	135	24.1	137	24.2	141	24.5	144	24.8
	23	116	24.3	124	24.6	130	24.9	133	25.1	135	25.2	139	25.5	142	25.9
	25	114	25.3	122	25.6	129	25.9	131	26.1	134	26.3	137	26.6	139	26.9
	27	113	26.3	121	26.7	127	27.0	129	27.2	132	27.3	135	27.7	137	28.0
	29	111	27.4	119	27.7	125	28.1	127	28.3	129	28.5	132	28.8	135	29.2
	31	110	28.5	118	28.8	123	29.2	126	29.4	127	29.6	130	30.0	133	30.4
	33	109	29.6	116	30.0	121	30.4	124	30.6	125	30.8	128	31.2	131	31.6
	35	107	30.8	114	31.2	120	31.6	122	31.8	123	32.0	126	32.4	128	32.9
	37	107	33.2	114	33.6	120	33.9	122	34.1	123	34.3	126	34.7	128	35.1
	39	107	36.1	114	36.5	120	36.9	122	37.1	123	37.3	126	37.6	128	38.0
80%	10	107	15.2	119	15.2	126	15.2	128	15.2	131	15.2	136	15.3	139	15.4
	12	106	15.8	117	15.8	124	15.8	127	15.9	130	15.9	134	16.0	137	16.1
	14	106	16.4	116	16.4	123	16.5	125	16.6	128	16.6	132	16.7	135	16.8
	16	106	17.0	115	17.1	121	17.2	124	17.3	126	17.3	130	17.5	133	17.6
	18	106	17.7	113	17.9	120	18.0	122	18.1	125	18.1	128	18.2	131	18.3
	20	105	18.4	112	18.6	118	18.8	121	18.8	123	18.9	127	19.0	129	19.2
	21	104	18.8	111	19.0	117	19.2	120	19.2	122	19.3	126	19.5	128	19.6
	23	103	19.6	110	19.8	116	20.0	118	20.1	120	20.2	124	20.3	126	20.5
	25	102	20.4	109	20.6	114	20.9	117	21.0	119	21.0	122	21.2	124	21.4
	27	100	21.3	107	21.5	113	21.7	115	21.9	117	22.0	120	22.1	122	22.3
	29	99.2	22.1	106	22.4	111	22.7	113	22.8	115	22.9	118	23.1	120	23.3
	31	98.0	23.1	105	23.3	110	23.6	112	23.7	113	23.9	116	24.1	118	24.3
	33	96.9	24.0	103	24.3	108	24.6	110	24.7	111	24.9	114	25.1	116	25.4
	35	95.7	25.0	102	25.3	106	25.6	108	25.8	109	25.9	112	26.2	114	26.5
	37	95.7	26.3	102	26.6	106	26.8	108	26.9	109	27.0	112	27.2	114	27.4
	39	95.7	28.6	102	28.8	106	29.0	108	29.1	109	29.2	112	29.4	114	29.6

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	93.2	11.9	104	11.7	110	11.7	112	11.7	115	11.7	119	11.7	121	11.7
	12	93.2	12.3	103	12.2	108	12.2	111	12.2	113	12.2	117	12.2	120	12.2
	14	93.1	12.8	101	12.8	107	12.8	110	12.8	112	12.8	116	12.8	118	12.8
	16	93.1	13.3	100	13.3	106	13.3	108	13.3	110	13.4	114	13.4	116	13.4
	18	92.6	13.9	99.1	13.9	105	14.0	107	14.0	109	14.0	112	14.0	115	14.0
	20	91.6	14.5	98.0	14.5	103	14.6	106	14.6	108	14.6	111	14.6	113	14.6
	21	91.0	14.8	97.4	14.9	103	14.9	105	15.0	107	15.0	110	15.0	112	15.0
	23	90.0	15.4	96.2	15.5	101	15.6	104	15.6	105	15.7	108	15.7	110	15.7
	25	88.9	16.1	95.1	16.2	100	16.3	102	16.4	104	16.4	106	16.4	108	16.5
	27	87.9	16.8	93.9	16.9	98.7	17.1	101	17.1	102	17.2	105	17.2	107	17.2
	29	86.9	17.5	92.7	17.7	97.3	17.8	99.2	17.9	101	17.9	103	18.0	105	18.1
	31	85.8	18.3	91.5	18.5	95.9	18.6	97.6	18.7	99.1	18.8	101	18.9	103	18.9
	33	84.8	19.1	90.3	19.3	94.5	19.5	96.1	19.5	97.4	19.6	99.5	19.7	102	19.8
	35	83.8	19.9	89.1	20.1	93.1	20.3	94.5	20.4	95.7	20.5	97.8	20.6	99.8	20.8
	37	83.8	20.9	89.1	21.0	93.1	21.1	94.5	21.1	95.7	21.2	97.8	21.3	99.8	21.3
	39	83.8	22.6	89.1	22.7	93.1	22.8	94.5	22.8	95.7	22.9	97.8	23.0	99.8	23.0
60%	10	79.8	8.97	88.9	8.81	94.0	8.69	96.2	8.65	98.2	8.63	102	8.62	104	8.65
	12	79.8	9.33	87.9	9.19	92.9	9.09	95.1	9.05	97.1	9.02	100	8.99	103	8.99
	14	79.8	9.71	86.9	9.60	91.8	9.51	94.0	9.47	95.9	9.44	99.0	9.39	101	9.36
	16	79.8	10.1	85.9	10.0	90.8	9.96	92.8	9.93	94.7	9.89	97.7	9.83	99.6	9.78
	18	79.4	10.6	85.0	10.5	89.7	10.4	91.7	10.4	93.5	10.4	96.4	10.3	98.1	10.2
	20	78.4	11.1	84.0	11.0	88.6	11.0	90.5	10.9	92.2	10.9	94.9	10.8	96.7	10.7
	21	78.0	11.3	83.5	11.3	88.0	11.2	89.9	11.2	91.6	11.2	94.1	11.1	95.9	11.0
	23	77.1	11.8	82.5	11.8	86.9	11.8	88.7	11.8	90.3	11.7	92.7	11.7	94.5	11.6
	25	76.2	12.4	81.5	12.4	85.7	12.4	87.5	12.3	89.0	12.3	91.2	12.2	93.0	12.2
	27	75.3	13.0	80.4	13.0	84.6	13.0	86.3	13.0	87.7	12.9	89.8	12.9	91.5	12.8
	29	74.4	13.6	79.4	13.6	83.4	13.6	85.0	13.6	86.3	13.6	88.3	13.6	90.0	13.5
	31	73.5	14.2	78.4	14.3	82.2	14.3	83.7	14.3	85.0	14.3	86.8	14.3	88.5	14.2
	33	72.6	14.9	77.3	14.9	80.9	15.0	82.4	15.0	83.5	15.0	85.3	15.0	87.1	15.0
	35	71.7	15.6	76.3	15.7	79.7	15.7	81.0	15.7	82.0	15.7	83.8	15.8	85.6	15.8
	37	71.7	16.2	76.3	16.2	79.7	16.2	81.0	16.2	82.0	16.2	83.8	16.2	85.6	16.2
	39	71.7	17.6	76.3	17.6	79.7	17.6	81.0	17.6	82.0	17.6	83.8	17.5	85.6	17.5
50%	10	66.6	6.92	74.0	6.85	78.3	6.83	80.1	6.83	81.8	6.84	84.8	6.89	86.8	6.98
	12	66.5	7.07	73.2	6.99	77.4	6.94	79.2	6.92	80.9	6.91	83.6	6.92	85.5	6.96
	14	66.5	7.26	72.4	7.17	76.5	7.09	78.3	7.07	79.9	7.04	82.5	7.01	84.3	7.01
	16	66.5	7.51	71.6	7.40	75.6	7.31	77.4	7.27	78.9	7.23	81.4	7.17	83.0	7.12
	18	66.1	7.80	70.8	7.67	74.7	7.57	76.4	7.52	77.9	7.47	80.3	7.38	81.8	7.30
	20	65.4	8.14	70.0	8.00	73.8	7.88	75.4	7.83	76.9	7.77	79.1	7.66	80.6	7.56
	21	65.0	8.32	69.6	8.19	73.3	8.06	74.9	8.00	76.3	7.94	78.4	7.82	79.9	7.71
	23	64.2	8.73	68.7	8.59	72.4	8.46	73.9	8.39	75.3	8.32	77.2	8.19	78.7	8.06
	25	63.5	9.18	67.9	9.04	71.4	8.90	72.9	8.83	74.2	8.76	76.0	8.62	77.5	8.48
	27	62.7	9.69	67.0	9.54	70.5	9.40	71.9	9.33	73.1	9.26	74.8	9.12	76.3	8.97
	29	61.9	10.2	66.2	10.1	69.5	9.95	70.8	9.88	71.9	9.81	73.6	9.67	75.0	9.53
	31	61.2	10.8	65.3	10.7	68.5	10.6	69.7	10.5	70.8	10.4	72.3	10.3	73.8	10.2
	33	60.4	11.5	64.4	11.3	67.4	11.2	68.6	11.2	69.6	11.1	71.1	11.0	72.6	10.8
	35	59.6	12.2	63.4	12.0	66.4	11.9	67.5	11.9	68.4	11.8	69.8	11.7	71.3	11.6
	37	59.6	12.7	63.4	12.6	66.4	12.5	67.5	12.5	68.4	12.4	69.8	12.4	71.3	12.3
	39	59.6	13.9	63.4	13.8	66.4	13.7	67.5	13.7	68.4	13.7	69.8	13.6	71.3	13.5
40%	10	53.3	4.91	59.0	4.80	62.1	4.68	63.6	4.61	64.9	4.54	67.4	4.39	69.2	4.22
	12	53.2	5.15	58.3	5.03	61.4	4.91	62.8	4.84	64.2	4.77	66.5	4.61	68.1	4.45
	14	53.2	5.39	57.6	5.27	60.7	5.15	62.1	5.08	63.4	5.01	65.5	4.86	67.1	4.70
	16	53.1	5.65	57.0	5.53	60.0	5.40	61.4	5.33	62.6	5.26	64.6	5.12	66.1	4.97
	18	52.8	5.92	56.3	5.80	59.3	5.67	60.7	5.60	61.8	5.54	63.7	5.40	65.1	5.25
	20	52.2	6.21	55.7	6.08	58.6	5.96	59.9	5.89	61.0	5.82	62.8	5.69	64.1	5.55
	21	51.9	6.36	55.3	6.23	58.3	6.10	59.5	6.04	60.6	5.97	62.3	5.84	63.6	5.70
	23	51.3	6.66	54.7	6.54	57.6	6.41	58.8	6.35	59.8	6.28	61.4	6.16	62.7	6.03
	25	50.6	6.97	54.1	6.85	56.8	6.73	58.0	6.67	59.0	6.61	60.5	6.49	61.7	6.37
	27	50.0	7.30	53.4	7.19	56.1	7.07	57.2	7.01	58.2	6.95	59.6	6.84	60.7	6.72
	29	49.4	7.64	52.7	7.53	55.4	7.42	56.4	7.37	57.3	7.31	58.6	7.20	59.8	7.09
	31	48.8	8.00	52.1	7.89	54.6	7.79	55.6	7.74	56.5	7.69	57.7	7.58	58.8	7.48
	33	48.2	8.36	51.4	8.27	53.9	8.17	54.8	8.12	55.6	8.08	56.8	7.98	57.9	7.88
	35	47.6	8.74	50.7	8.66	53.1	8.57	54.0	8.53	54.7	8.48	55.8	8.39	56.9	8.30
	37	47.6	10.2	50.7	10.1	53.1	9.97	54.0	9.92	54.7	9.87	55.8	9.78	56.9	9.68
	39	47.6	11.1	50.7	11.0	53.1	10.9	54.0	10.9	54.7	10.8	55.8	10.7	56.9	10.6
30%	10	42.9	3.45	45.5	3.35	48.3	3.23	49.7	3.17	51.3	3.11	54.5	2.98	57.9	2.83
	12	42.2	3.63	44.8	3.52	47.6	3.41	49.1	3.34	50.6	3.28	53.7	3.15	57.1	3.01
	14	41.6	3.82	44.2	3.71	46.9	3.59	48.4	3.53	49.9	3.46	53.0	3.33	56.2	3.19
	16	41.0	4.01	43.5	3.90	46.3	3.78	47.7	3.72	49.2	3.66	52.2	3.53	55.4	3.39
	18	40.3	4.22	42.9	4.10	45.6	3.98	47.0	3.92	48.4	3.86	51.4	3.74	54.6	3.60
	20	39.6	4.43	42.2	4.32	44.9	4.20	46.3	4.14	47.7	4.08	50.6	3.95	53.7	3.83
	21	39.3	4.54	41.8	4.43	44.5	4.31	45.9	4.25	47.3	4.19	50.2	4.07	53.3	3.94
	23	38.6	4.77	41.1	4.66	43.8	4.54	45.2	4.48	46.6	4.42	49.4	4.30	52.4	4.18
	25	37.9	5.01	40.4	4.90	43.1	4.78	44.4	4.72	45.8	4.67	48.6	4.55	51.5	4.43
	27	37.2	5.26	39.7	5.14	42.3	5.03	43.7	4.98	45.0	4.92	47.8	4.81	50.7	4.70
	29	36.5	5.51	39.0	5.40	41.6	5.29	42.9	5.24	44.2	5.19	47.0	5.08	49.8	4.97
	31	35.7	5.77	38.2	5.67	40.8	5.57	42.1	5.52	43.4	5.46	46.1	5.36	48.9	5.26
	33	35.0	6.05	37.5	5.95	40.0	5.85	41.3	5.80	42.6	5.75	45.2	5.65	47.9	5.55
	35	34.2	6.33	36.7	6.24	39.2	6.15	40.5	6.10	41.8	6.05	44.4	5.96	47.0	5.86
	37	34.2	7.71	36.7	7.61	39.2	7.50	40.5	7.45	41.8	7.39	44.4	7.28	47.0	7.17
	39	34.2	8.39	36.7	8.28	39.2	8.17	40.5	8.11	41.8	8.06	44.4	7.94	47.0	7.83

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ50AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	159	24.9	169	25.2	177	25.5	180	25.7	182	25.9	186	26.3	190	26.7
	12	157	25.8	167	26.2	175	26.5	177	26.7	179	26.9	183	27.3	187	27.8
	14	155	26.8	165	27.2	172	27.6	175	27.8	177	28.0	181	28.4	184	28.9
	16	154	27.9	163	28.2	170	28.6	172	28.9	174	29.1	178	29.5	182	30.0
	18	152	29.0	161	29.4	167	29.8	169	30.0	171	30.2	175	30.7	179	31.2
	20	150	30.1	159	30.5	165	31.0	167	31.2	169	31.4	173	31.9	176	32.5
	21	149	30.6	158	31.1	163	31.6	165	31.8	167	32.0	171	32.6	175	33.1
	23	147	31.8	156	32.3	161	32.8	163	33.1	165	33.3	169	33.8	173	34.4
	25	145	33.1	153	33.6	158	34.1	160	34.4	162	34.6	166	35.2	170	35.7
	27	143	34.4	151	34.9	156	35.5	158	35.7	160	36.0	164	36.5	168	37.1
	29	141	35.8	149	36.3	153	36.9	155	37.1	157	37.4	161	37.9	165	38.5
	31	139	37.3	147	37.8	151	38.3	153	38.6	155	38.8	159	39.4	162	40.0
	33	137	38.8	144	39.3	148	39.8	150	40.1	152	40.3	156	40.9	160	41.5
	35	135	40.4	142	40.8	146	41.3	148	41.6	150	41.9	154	42.4	157	43.0
	37	133	42.0	139	42.4	143	42.9	145	43.2	147	43.5	151	44.0	155	45.2
	39	131	43.6	137	44.1	141	44.6	143	44.8	145	45.5	148	46.2	152	46.9
120%	10	154	24.8	165	25.1	173	25.4	177	25.6	180	25.8	183	26.2	187	26.6
	12	152	25.7	163	26.1	171	26.4	174	26.6	177	26.8	180	27.2	184	27.7
	14	151	26.7	161	27.1	169	27.5	172	27.7	174	27.9	178	28.3	181	28.8
	16	149	27.8	159	28.1	166	28.5	169	28.8	171	29.0	175	29.5	179	29.9
	18	147	28.9	157	29.2	164	29.7	167	29.9	169	30.1	172	30.6	176	31.1
	20	145	30.0	155	30.4	162	30.9	164	31.1	166	31.3	170	31.8	173	32.4
	21	145	30.6	154	31.0	161	31.5	163	31.7	165	31.9	168	32.5	172	33.0
	23	143	31.7	152	32.2	158	32.7	160	33.0	162	33.2	166	33.8	170	34.3
	25	141	33.0	150	33.4	156	34.0	158	34.2	160	34.5	163	35.1	167	35.7
	27	139	34.3	148	34.8	153	35.3	155	35.6	157	35.9	161	36.5	164	37.1
	29	137	35.7	145	36.2	151	36.7	153	37.0	155	37.3	158	37.9	162	38.5
	31	136	37.1	143	37.6	149	38.2	150	38.5	152	38.8	156	39.3	159	40.0
	33	134	38.6	141	39.2	146	39.7	148	40.0	150	40.3	153	40.8	157	41.5
	35	132	40.2	139	40.7	144	41.2	145	41.5	147	41.8	151	42.4	154	42.8
	37	130	41.8	137	42.3	141	42.8	143	43.1	145	43.4	148	44.3	152	45.0
	39	128	43.4	135	43.9	138	44.5	140	44.7	142	45.4	146	46.0	149	46.7
110%	10	149	24.7	160	25.0	168	25.3	172	25.5	176	25.7	180	26.1	184	26.5
	12	147	25.6	158	26.0	166	26.3	170	26.5	173	26.7	178	27.1	181	27.6
	14	146	26.6	156	27.0	164	27.4	168	27.6	171	27.8	175	28.2	178	28.7
	16	144	27.6	154	28.0	162	28.4	166	28.7	168	28.9	172	29.3	175	29.8
	18	142	28.7	152	29.1	160	29.6	163	29.8	166	30.0	170	30.5	173	31.0
	20	141	29.9	150	30.3	158	30.7	161	31.0	164	31.2	167	31.7	170	32.3
	21	140	30.4	149	30.9	157	31.3	160	31.6	162	31.8	166	32.4	169	32.9
	23	138	31.6	147	32.1	155	32.5	157	32.8	160	33.1	163	33.7	166	34.2
	25	137	32.9	146	33.3	152	33.8	155	34.1	157	34.4	160	35.0	164	35.6
	27	135	34.2	144	34.6	150	35.2	153	35.4	155	35.7	158	36.4	161	37.0
	29	133	35.5	142	36.0	148	36.6	150	36.9	152	37.2	155	37.8	159	38.4
	31	132	37.0	140	37.5	146	38.0	148	38.3	150	38.6	153	39.3	156	39.9
	33	130	38.5	138	39.0	143	39.6	145	39.9	147	40.2	150	40.8	154	41.4
	35	128	40.0	136	40.6	141	41.1	143	41.4	145	41.7	148	42.3	151	43.0
	37	126	41.6	134	42.1	139	42.7	140	43.0	142	43.3	145	43.9	148	44.8
	39	124	43.2	132	43.8	136	44.3	138	44.7	139	45.2	143	45.9	146	46.5
100%	10	138	24.5	154	24.8	163	25.2	167	25.4	170	25.6	177	26.0	180	26.4
	12	138	25.5	152	25.8	161	26.2	165	26.4	168	26.6	174	27.0	178	27.4
	14	138	26.5	151	26.8	159	27.2	163	27.4	166	27.6	171	28.1	175	28.5
	16	138	27.5	149	27.9	157	28.3	161	28.5	164	28.7	169	29.2	172	29.7
	18	137	28.6	147	29.0	155	29.4	159	29.6	162	29.9	167	30.4	170	30.9
	20	136	29.7	145	30.1	153	30.5	157	30.8	160	31.0	164	31.6	167	32.1
	21	135	30.3	144	30.7	152	31.1	156	31.4	158	31.6	163	32.2	166	32.8
	23	133	31.5	143	31.9	150	32.3	153	32.6	156	32.8	160	33.4	163	34.0
	25	132	32.7	141	33.1	148	33.6	151	33.9	154	34.1	158	34.7	161	35.4
	27	130	34.0	139	34.5	146	35.0	149	35.2	152	35.5	155	36.1	158	36.7
	29	128	35.4	137	35.9	144	36.4	147	36.6	149	36.9	153	37.5	156	38.2
	31	127	36.8	135	37.3	142	37.8	145	38.1	147	38.4	150	39.0	153	39.7
	33	125	38.3	133	38.8	140	39.4	142	39.7	144	40.0	147	40.6	150	41.2
	35	124	39.8	132	40.4	138	41.0	140	41.3	142	41.6	145	42.2	148	42.8
	37	122	41.4	130	42.0	136	42.6	138	42.9	139	43.2	142	43.8	145	44.6
	39	120	43.0	128	43.6	133	44.2	135	44.5	137	44.9	140	45.7	143	46.3
90%	10	124	20.1	138	20.3	146	20.4	150	20.5	153	20.6	158	20.8	162	21.0
	12	124	20.9	137	21.1	145	21.2	148	21.3	151	21.4	156	21.7	160	21.9
	14	124	21.7	135	21.9	143	22.1	146	22.2	149	22.3	154	22.6	157	22.8
	16	124	22.6	134	22.8	141	23.0	144	23.1	147	23.3	152	23.5	155	23.8
	18	123	23.4	132	23.7	139	23.9	143	24.1	145	24.2	150	24.5	153	24.8
	20	122	24.4	131	24.6	138	24.9	141	25.1	143	25.2	148	25.5	150	25.8
	21	121	24.8	130	25.1	137	25.4	140	25.6	142	25.7	146	26.1	149	26.4
	23	120	25.8	128	26.2	135	26.5	138	26.6	140	26.8	144	27.1	147	27.5
	25	118	26.9	127	27.2	133	27.6	136	27.7	138	27.9	142	28.3	145	28.6
	27	117	28.0	125	28.3	132	28.7	134	28.9	136	29.1	140	29.4	142	29.8
	29	116	29.1	123	29.5	130	29.9	132	30.0	134	30.2	137	30.6	140	31.0
	31	114	30.3	122	30.6	128	31.1	130	31.3	132	31.5	135	31.9	138	32.3
	33	113	31.5	120	31.9	126	32.3	128	32.5	130	32.7	133	33.1	135	33.6
	35	111	32.7	119	33.1	124	33.6	126	33.8	128	34.0	130	34.5	133	34.9
	37	111	35.2	119	35.6	124	36.1	126	36.3	128	36.5	130	36.9	133	37.2
	39	111	38.4	119	38.8	124	39.2	126	39.4	128	39.6	130	39.9	133	40.4
80%	10	110	16.2	123	16.2	130	16.2	133	16.2	136	16.2	141	16.3	144	16.4
	12	110	16.8	122	16.8	129	16.9	132	16.9	134	16.9	139	17.0	142	17.2
	14	110	17.4	120	17.5	127	17.6	130	17.6	133	17.7	137	17.8	140	17.9
	16	110	18.1	119	18.2	126	18.3	128	18.4	131	18.5	135	18.6	138	18.7
	18	110	18.8	118	19.0	124	19.1	127	19.2	129	19.3	133	19.4	136	19.5
	20	108	19.6	116	19.8	122	20.0	125	20.0	128	20.1	131	20.3	134	20.4
	21	108	20.0	115	20.2	122	20.4	124	20.5	127	20.5	130	20.7	133	20.8
	23	107	20.8	114	21.0	120	21.3	123	21.4	125	21.4	128	21.6	131	21.8
	25	105	21.7	113	21.9	119	22.2	121	22.3	123	22.4	126	22.6	129	22.7
	27	104	22.6	111	22.8	117	23.1	119	23.2	121	23.3	124	23.5	127	23.7
	29	103	23.5	110	23.8	115	24.1	118	24.2	119	24.3	122	24.6	124	24.8
	31	102	24.5	108	24.8	114	25.1	116	25.2	117	25.4	120	25.6	122	25.9
	33	100	25.5	107	25.8	112	26.1	114	26.3	115	26.4	118	26.7	120	27.0
	35	99.2	26.6	106	26.9	110	27.2	112	27.4	113	27.5	116	27.8	118	28.1
	37	99.2	28.0	106	28.2	110	28.4	112	28.6	113	28.7	116	28.9	118	29.1
	39	99.2	30.3	106	30.6	110	30.8	112	30.9	113	31.0	116	31.2	118	31.4

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	96.7	12.7	108	12.5	114	12.5	116	12.4	119	12.4	123	12.5	126	12.5
	12	96.6	13.1	106	13.1	112	13.0	115	13.0	117	13.0	121	13.0	124	13.1
	14	96.6	13.6	105	13.6	111	13.6	114	13.6	116	13.6	120	13.6	122	13.6
	16	96.6	14.2	104	14.2	110	14.2	112	14.2	115	14.2	118	14.2	121	14.2
	18	96.1	14.8	103	14.8	108	14.9	111	14.9	113	14.9	117	14.9	119	14.9
	20	95.0	15.4	102	15.5	107	15.5	110	15.6	112	15.6	115	15.6	117	15.6
	21	94.4	15.7	101	15.8	106	15.9	109	15.9	111	15.9	114	16.0	116	16.0
	23	93.3	16.4	99.8	16.5	105	16.6	107	16.6	109	16.7	112	16.7	114	16.7
	25	92.2	17.1	98.6	17.2	104	17.4	106	17.4	108	17.4	110	17.5	112	17.5
	27	91.1	17.9	97.4	18.0	102	18.1	104	18.2	106	18.2	109	18.3	111	18.3
	29	90.1	18.6	96.1	18.8	101	19.0	103	19.0	104	19.1	107	19.2	109	19.2
	31	89.0	19.5	94.9	19.6	99.4	19.8	101	19.9	103	19.9	105	20.1	107	20.1
	33	87.9	20.3	93.6	20.5	98.0	20.7	99.6	20.8	101	20.8	103	21.0	105	21.1
	35	86.9	21.2	92.4	21.4	96.5	21.6	98.0	21.7	99.3	21.8	101	21.9	104	22.1
	37	86.9	22.2	92.4	22.3	96.5	22.4	98.0	22.5	99.3	22.5	101	22.6	104	22.7
	39	86.9	24.0	92.4	24.1	96.5	24.2	98.0	24.3	99.3	24.3	101	24.4	104	24.4
60%	10	82.8	9.59	92.2	9.41	97.5	9.30	99.7	9.26	102	9.24	105	9.23	108	9.28
	12	82.7	9.95	91.2	9.81	96.3	9.71	98.6	9.67	101	9.64	104	9.61	106	9.62
	14	82.7	10.4	90.1	10.2	95.2	10.2	97.4	10.1	99.4	10.1	103	10.0	105	10.0
	16	82.7	10.8	89.1	10.7	94.1	10.6	96.3	10.6	98.2	10.6	101	10.5	103	10.4
	18	82.3	11.3	88.1	11.2	93.0	11.1	95.1	11.1	96.9	11.1	99.9	11.0	102	10.9
	20	81.4	11.8	87.1	11.7	91.8	11.7	93.9	11.6	95.6	11.6	98.4	11.5	100	11.5
	21	80.9	12.0	86.6	12.0	91.3	12.0	93.3	11.9	95.0	11.9	97.6	11.8	99.5	11.7
	23	79.9	12.6	85.5	12.6	90.1	12.5	92.0	12.5	93.7	12.5	96.1	12.4	98.0	12.3
	25	79.0	13.2	84.5	13.2	88.9	13.2	90.7	13.1	92.3	13.1	94.6	13.0	96.4	13.0
	27	78.0	13.8	83.4	13.8	87.7	13.8	89.5	13.8	90.9	13.8	93.1	13.7	94.9	13.6
	29	77.1	14.5	82.3	14.5	86.5	14.5	88.1	14.5	89.5	14.5	91.6	14.4	93.4	14.4
	31	76.2	15.1	81.3	15.2	85.2	15.2	86.8	15.2	88.1	15.2	90.0	15.2	91.8	15.1
	33	75.3	15.9	80.2	15.9	83.9	15.9	85.4	16.0	86.6	16.0	88.5	16.0	90.3	16.0
	35	74.4	16.6	79.1	16.7	82.7	16.7	84.0	16.7	85.1	16.8	86.9	16.8	88.7	16.8
	37	74.4	17.2	79.1	17.2	82.7	17.2	84.0	17.2	85.1	17.2	86.9	17.2	88.7	17.2
	39	74.4	18.7	79.1	18.7	82.7	18.7	84.0	18.7	85.1	18.7	86.9	18.6	88.7	18.6
50%	10	69.0	7.38	76.8	7.30	81.2	7.28	83.1	7.28	84.9	7.30	87.9	7.36	90.0	7.47
	12	69.0	7.53	75.9	7.45	80.3	7.39	82.2	7.38	83.9	7.38	86.7	7.39	88.7	7.44
	14	68.9	7.74	75.1	7.64	79.4	7.57	81.2	7.54	82.9	7.52	85.6	7.49	87.4	7.49
	16	68.9	8.00	74.3	7.89	78.4	7.79	80.2	7.75	81.8	7.71	84.4	7.65	86.1	7.61
	18	68.6	8.31	73.4	8.18	77.5	8.07	79.2	8.02	80.8	7.97	83.3	7.88	84.8	7.80
	20	67.8	8.67	72.6	8.53	76.5	8.41	78.2	8.35	79.7	8.29	82.0	8.18	83.5	8.07
	21	67.4	8.87	72.1	8.73	76.1	8.60	77.7	8.53	79.2	8.47	81.4	8.35	82.9	8.23
	23	66.6	9.30	71.3	9.15	75.1	9.02	76.7	8.95	78.1	8.88	80.1	8.74	81.6	8.60
	25	65.8	9.78	70.4	9.63	74.1	9.49	75.6	9.42	76.9	9.34	78.8	9.20	80.4	9.05
	27	65.0	10.3	69.5	10.2	73.1	10.0	74.5	9.95	75.8	9.87	77.6	9.72	79.1	9.57
	29	64.2	10.9	68.6	10.7	72.1	10.6	73.4	10.5	74.6	10.5	76.3	10.3	77.8	10.2
	31	63.4	11.5	67.7	11.4	71.0	11.2	72.3	11.2	73.4	11.1	75.0	11.0	76.5	10.8
	33	62.6	12.2	66.7	12.1	69.9	11.9	71.2	11.9	72.2	11.8	73.7	11.7	75.2	11.6
	35	61.8	12.9	65.8	12.8	68.9	12.7	70.0	12.6	70.9	12.6	72.4	12.5	74.0	12.4
	37	61.8	13.4	65.8	13.4	68.9	13.3	70.0	13.3	70.9	13.2	72.4	13.2	74.0	13.1
	39	61.8	14.7	65.8	14.7	68.9	14.6	70.0	14.6	70.9	14.5	72.4	14.4	74.0	14.4
40%	10	55.2	5.23	61.1	5.11	64.5	4.98	65.9	4.90	67.3	4.83	69.9	4.67	71.7	4.49
	12	55.2	5.48	60.5	5.36	63.7	5.22	65.2	5.15	66.6	5.07	68.9	4.91	70.7	4.74
	14	55.1	5.74	59.8	5.62	63.0	5.48	64.4	5.41	65.8	5.33	68.0	5.18	69.6	5.01
	16	55.1	6.02	59.1	5.89	62.3	5.75	63.7	5.68	65.0	5.61	67.0	5.46	68.6	5.30
	18	54.8	6.31	58.4	6.18	61.6	6.04	62.9	5.97	64.1	5.90	66.1	5.75	67.5	5.60
	20	54.1	6.61	57.7	6.48	60.8	6.35	62.1	6.28	63.3	6.21	65.1	6.07	66.5	5.92
	21	53.8	6.77	57.4	6.64	60.4	6.51	61.8	6.44	62.9	6.37	64.7	6.23	66.0	6.09
	23	53.2	7.09	56.7	6.96	59.7	6.83	61.0	6.77	62.1	6.70	63.7	6.56	65.0	6.43
	25	52.5	7.43	56.1	7.30	59.0	7.17	60.2	7.11	61.2	7.05	62.8	6.92	64.0	6.79
	27	51.9	7.77	55.4	7.65	58.2	7.53	59.4	7.47	60.3	7.41	61.8	7.29	63.0	7.16
	29	51.2	8.13	54.7	8.02	57.4	7.90	58.5	7.84	59.5	7.79	60.8	7.67	62.0	7.55
	31	50.6	8.50	54.0	8.40	56.7	8.29	57.7	8.23	58.6	8.18	59.9	8.07	61.0	7.96
	33	50.0	8.89	53.3	8.79	55.9	8.69	56.9	8.64	57.7	8.59	58.9	8.49	60.0	8.38
	35	49.3	9.28	52.6	9.20	55.1	9.11	56.0	9.06	56.7	9.01	57.9	8.92	59.0	8.82
	37	49.3	10.8	52.6	10.7	55.1	10.6	56.0	10.6	56.7	10.5	57.9	10.4	59.0	10.3
	39	49.3	11.8	52.6	11.7	55.1	11.6	56.0	11.6	56.7	11.5	57.9	11.4	59.0	11.3
30%	10	44.5	3.67	47.2	3.56	50.1	3.44	51.6	3.37	53.2	3.31	56.5	3.16	60.0	3.01
	12	43.8	3.86	46.5	3.75	49.4	3.62	50.9	3.56	52.5	3.49	55.7	3.35	59.2	3.20
	14	43.1	4.06	45.8	3.95	48.7	3.82	50.2	3.76	51.7	3.69	54.9	3.55	58.3	3.40
	16	42.5	4.28	45.1	4.15	48.0	4.03	49.5	3.96	51.0	3.90	54.2	3.76	57.5	3.62
	18	41.8	4.50	44.5	4.37	47.3	4.25	48.7	4.18	50.2	4.12	53.3	3.98	56.6	3.84
	20	41.1	4.72	43.8	4.60	46.5	4.47	48.0	4.41	49.5	4.35	52.5	4.22	55.7	4.08
	21	40.7	4.84	43.4	4.72	46.2	4.59	47.6	4.53	49.1	4.47	52.1	4.34	55.3	4.20
	23	40.0	5.08	42.7	4.96	45.4	4.84	46.8	4.78	48.3	4.71	51.3	4.59	54.4	4.46
	25	39.3	5.33	41.9	5.21	44.7	5.09	46.1	5.03	47.5	4.97	50.4	4.85	53.5	4.73
	27	38.6	5.59	41.2	5.48	43.9	5.36	45.3	5.30	46.7	5.24	49.6	5.12	52.5	5.00
	29	37.8	5.86	40.4	5.75	43.1	5.64	44.5	5.58	45.9	5.52	48.7	5.41	51.6	5.29
	31	37.1	6.14	39.7	6.03	42.3	5.92	43.7	5.87	45.0	5.81	47.8	5.70	50.7	5.59
	33	36.3	6.43	38.9	6.33	41.5	6.22	42.8	6.17	44.2	6.12	46.9	6.01	49.7	5.91
	35	35.5	6.72	38.1	6.63	40.7	6.53	42.0	6.48	43.3	6.43	46.0	6.33	48.7	6.23
	37	35.5	8.21	38.1	8.10	40.7	7.98	42.0	7.93	43.3	7.87	46.0	7.75	48.7	7.64
	39	35.5	8.92	38.1	8.81	40.7	8.69	42.0	8.63	43.3	8.57	46.0	8.45	48.7	8.33

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ52AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	164	26.7	175	27.1	183	27.5	186	27.7	188	27.9	192	28.3	196	28.8
	12	162	27.6	173	27.9	181	28.4	183	28.6	185	28.8	189	29.3	193	29.8
	14	161	28.5	171	28.9	178	29.3	180	29.6	182	29.8	187	30.3	191	30.9
	16	159	29.5	169	29.9	176	30.4	178	30.6	180	30.9	184	31.4	188	32.0
	18	157	30.5	166	31.0	173	31.5	175	31.8	177	32.0	181	32.6	185	33.2
	20	155	31.7	164	32.2	170	32.7	172	33.0	174	33.2	179	33.8	183	34.5
	21	154	32.3	163	32.8	169	33.3	171	33.6	173	33.9	177	34.5	181	35.2
	23	152	33.5	161	34.0	166	34.6	168	34.9	171	35.2	175	35.8	179	36.5
	25	150	34.9	159	35.4	164	35.9	166	36.2	168	36.5	172	37.2	176	37.9
	27	148	36.2	156	36.8	161	37.3	163	37.6	165	38.0	169	38.6	174	39.4
	29	146	37.7	154	38.2	159	38.8	161	39.1	163	39.5	167	40.2	171	40.9
	31	144	39.3	152	39.8	156	40.4	158	40.7	160	41.0	164	41.7	168	42.5
	33	142	40.9	149	41.4	153	42.0	155	42.3	157	42.7	162	43.4	166	44.1
	35	140	42.6	146	43.1	151	43.7	153	44.0	155	44.3	159	45.0	163	45.8
	37	138	44.3	144	44.9	148	45.5	150	45.8	152	46.1	156	46.8	160	47.6
	39	136	46.1	141	46.7	145	47.3	147	47.6	149	47.9	153	48.6	158	49.4
120%	10	159	26.6	170	27.0	179	27.4	182	27.6	185	27.8	189	28.2	193	28.6
	12	158	27.5	168	27.8	177	28.3	180	28.5	183	28.7	186	29.2	190	29.7
	14	156	28.4	166	28.8	174	29.2	177	29.5	180	29.7	184	30.2	188	30.7
	16	154	29.4	164	29.8	172	30.3	175	30.5	177	30.8	181	31.3	185	31.9
	18	152	30.5	162	30.9	170	31.4	173	31.6	175	31.9	178	32.5	182	33.1
	20	151	31.6	160	32.0	167	32.5	170	32.8	172	33.1	176	33.7	180	34.3
	21	150	32.2	159	32.6	166	33.2	169	33.4	171	33.7	174	34.3	178	35.0
	23	148	33.4	157	33.9	164	34.4	166	34.7	168	35.0	172	35.6	176	36.3
	25	146	34.7	155	35.2	161	35.8	163	36.1	165	36.4	169	37.0	173	37.7
	27	144	36.1	153	36.6	159	37.2	161	37.5	163	37.8	167	38.5	170	39.2
	29	142	37.6	151	38.1	156	38.7	158	39.0	160	39.3	164	40.0	168	40.7
	31	141	39.1	148	39.6	154	40.2	156	40.5	157	40.9	161	41.6	165	42.3
	33	139	40.7	146	41.2	151	41.9	153	42.2	155	42.5	159	43.2	162	43.9
	35	137	42.4	144	42.9	148	43.5	150	43.9	152	44.2	156	44.9	160	45.3
	37	135	44.1	141	44.7	146	45.3	148	45.6	149	46.0	153	46.7	157	47.4
	39	132	45.9	139	46.5	143	47.1	145	47.5	147	47.8	151	48.5	154	49.2
110%	10	154	26.5	165	26.9	174	27.2	178	27.4	181	27.6	186	28.0	190	28.5
	12	152	27.4	163	27.7	172	28.1	176	28.3	179	28.6	183	29.0	187	29.5
	14	151	28.3	161	28.7	170	29.1	173	29.3	176	29.5	181	30.0	184	30.6
	16	149	29.3	159	29.7	168	30.1	171	30.4	174	30.6	178	31.1	182	31.7
	18	147	30.3	157	30.8	166	31.2	169	31.5	172	31.7	175	32.3	179	32.9
	20	146	31.5	156	31.9	163	32.4	167	32.7	169	32.9	173	33.5	176	34.1
	21	145	32.1	155	32.5	162	33.0	165	33.3	168	33.6	171	34.1	175	34.8
	23	143	33.3	153	33.8	160	34.3	163	34.6	165	34.8	169	35.5	172	36.1
	25	142	34.6	151	35.1	158	35.6	161	35.9	163	36.2	166	36.8	170	37.5
	27	140	36.0	149	36.5	156	37.0	158	37.3	160	37.6	164	38.3	167	39.0
	29	138	37.4	147	37.9	153	38.5	156	38.8	158	39.1	161	39.8	164	40.5
	31	136	38.9	145	39.5	151	40.1	153	40.4	155	40.7	158	41.4	162	42.1
	33	134	40.5	143	41.1	149	41.7	151	42.0	152	42.3	156	43.0	159	43.7
	35	133	42.2	140	42.8	146	43.4	148	43.7	150	44.0	153	44.7	156	45.4
	37	131	43.9	138	44.5	143	45.1	145	45.5	147	45.8	150	46.5	154	47.2
	39	129	45.7	136	46.3	141	47.0	142	47.3	144	47.6	148	48.3	151	49.0
100%	10	143	26.3	159	26.7	168	27.1	172	27.3	176	27.5	182	27.9	186	28.3
	12	143	27.2	157	27.6	166	27.9	170	28.1	174	28.4	180	28.8	184	29.3
	14	143	28.1	156	28.5	164	28.9	168	29.1	172	29.3	177	29.8	181	30.3
	16	143	29.1	154	29.5	162	29.9	166	30.1	170	30.4	175	30.9	178	31.5
	18	142	30.2	152	30.6	161	31.0	164	31.2	167	31.5	172	32.0	176	32.6
	20	140	31.3	150	31.7	159	32.2	162	32.4	165	32.7	170	33.2	173	33.9
	21	140	31.9	149	32.3	158	32.8	161	33.0	164	33.3	169	33.9	172	34.5
	23	138	33.2	148	33.6	156	34.0	159	34.3	162	34.6	166	35.2	169	35.8
	25	136	34.5	146	34.9	153	35.4	157	35.6	159	35.9	163	36.5	166	37.2
	27	135	35.8	144	36.3	151	36.8	154	37.1	157	37.4	161	38.0	164	38.7
	29	133	37.3	142	37.8	149	38.3	152	38.6	155	38.9	158	39.5	161	40.2
	31	131	38.8	140	39.3	147	39.9	150	40.1	152	40.4	155	41.1	159	41.8
	33	130	40.4	138	40.9	145	41.5	147	41.8	150	42.1	153	42.7	156	43.4
	35	128	42.0	136	42.6	143	43.2	145	43.5	147	43.8	150	44.4	153	45.1
	37	126	43.7	134	44.3	140	44.9	143	45.3	144	45.6	147	46.2	151	47.0
	39	124	45.5	132	46.1	138	46.8	140	47.1	142	47.4	145	48.1	148	48.8
90%	10	129	22.0	143	22.1	151	22.3	155	22.4	158	22.5	164	22.8	168	23.0
	12	129	22.6	142	22.8	150	23.0	153	23.2	156	23.3	162	23.6	165	23.9
	14	129	23.4	140	23.6	148	23.8	151	24.0	154	24.1	160	24.4	163	24.7
	16	129	24.2	138	24.4	146	24.7	150	24.9	153	25.0	157	25.3	161	25.7
	18	128	25.0	137	25.3	144	25.6	148	25.8	151	26.0	155	26.3	158	26.7
	20	126	25.9	135	26.3	143	26.6	146	26.8	149	27.0	153	27.3	156	27.7
	21	126	26.4	134	26.8	142	27.1	145	27.3	148	27.5	152	27.9	155	28.3
	23	124	27.4	133	27.8	140	28.2	143	28.4	146	28.6	149	29.0	152	29.4
	25	123	28.5	131	28.9	138	29.3	141	29.5	143	29.7	147	30.1	150	30.6
	27	121	29.6	130	30.1	136	30.5	139	30.7	141	30.9	145	31.4	147	31.8
	29	120	30.8	128	31.3	134	31.7	137	32.0	139	32.2	142	32.7	145	33.1
	31	118	32.1	126	32.6	132	33.0	135	33.3	137	33.5	140	34.0	143	34.5
	33	117	33.4	124	33.9	130	34.4	133	34.6	135	34.9	138	35.4	140	35.9
	35	115	34.8	123	35.3	128	35.8	131	36.1	132	36.3	135	36.8	138	37.4
	37	115	37.2	123	37.6	128	38.1	131	38.3	132	38.6	135	39.1	138	39.5
	39	115	40.3	123	40.7	128	41.2	131	41.4	132	41.7	135	42.1	138	42.8
80%	10	114	18.0	127	18.0	135	18.0	138	18.1	141	18.1	146	18.3	149	18.5
	12	114	18.5	126	18.5	133	18.6	136	18.7	139	18.7	144	18.9	147	19.1
	14	114	19.0	124	19.2	132	19.3	135	19.4	137	19.4	142	19.6	145	19.8
	16	114	19.7	123	19.8	130	20.0	133	20.1	136	20.2	140	20.4	143	20.5
	18	114	20.3	122	20.6	128	20.8	131	20.9	134	21.0	138	21.1	141	21.3
	20	112	21.1	120	21.3	127	21.6	130	21.7	132	21.8	136	22.0	138	22.2
	21	112	21.5	120	21.7	126	22.0	129	22.1	131	22.2	135	22.4	137	22.6
	23	110	22.3	118	22.6	124	22.9	127	23.0	129	23.1	133	23.4	135	23.6
	25	109	23.2	117	23.5	123	23.8	125	24.0	127	24.1	131	24.3	133	24.6
	27	108	24.1	115	24.4	121	24.8	124	24.9	126	25.1	129	25.4	131	25.6
	29	106	25.1	114	25.4	119	25.8	122	26.0	124	26.1	127	26.4	129	26.7
	31	105	26.1	112	26.5	118	26.9	120	27.1	122	27.2	124	27.6	127	27.9
	33	104	27.2	111	27.6	116	28.0	118	28.2	120	28.4	122	28.7	125	29.1
	35	102	28.4	109	28.8	114	29.2	116	29.4	118	29.6	120	30.0	123	30.3
	37	102	29.5	109	29.8	114	30.1	116	30.2	118	30.4	120	30.7	123	31.0
	39	102	31.8	109	32.1	114	32.4	116	32.5	118	32.7	120	33.0	123	33.3

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	100	14.3	111	14.2	118	14.2	121	14.2	123	14.3	128	14.4	130	14.6
	12	100	14.7	110	14.7	116	14.7	119	14.7	122	14.8	126	14.8	129	15.0
	14	100	15.2	109	15.2	115	15.2	118	15.3	120	15.3	124	15.4	127	15.5
	16	100	15.6	108	15.7	114	15.8	116	15.8	119	15.9	122	15.9	125	16.0
	18	99.5	16.2	106	16.3	112	16.4	115	16.4	117	16.5	121	16.6	123	16.6
	20	98.3	16.8	105	16.9	111	17.0	113	17.1	116	17.1	119	17.2	121	17.3
	21	97.7	17.1	105	17.2	110	17.4	113	17.4	115	17.5	118	17.6	120	17.6
	23	96.6	17.7	103	17.9	109	18.1	111	18.2	113	18.2	116	18.3	118	18.4
	25	95.4	18.4	102	18.7	107	18.9	110	18.9	112	19.0	114	19.1	117	19.2
	27	94.3	19.2	101	19.4	106	19.7	108	19.8	110	19.8	113	20.0	115	20.0
	29	93.1	20.0	99.5	20.3	104	20.5	107	20.6	108	20.7	111	20.8	113	20.9
	31	92.0	20.9	98.2	21.1	103	21.4	105	21.5	106	21.6	109	21.8	111	21.9
	33	90.8	21.8	96.8	22.1	101	22.3	103	22.5	105	22.6	107	22.8	109	23.0
	35	89.6	22.8	95.4	23.0	99.8	23.3	102	23.5	103	23.6	105	23.8	107	24.1
	37	89.6	23.6	95.4	23.7	99.8	23.9	102	24.0	103	24.0	105	24.2	107	24.3
	39	89.6	25.3	95.4	25.5	99.8	25.6	102	25.7	103	25.8	105	26.0	107	26.1
60%	10	85.7	11.1	95.4	11.0	101	10.9	103	11.0	105	11.0	109	11.1	112	11.3
	12	85.7	11.4	94.4	11.3	99.8	11.3	102	11.3	104	11.3	108	11.4	110	11.5
	14	85.7	11.7	93.3	11.7	98.6	11.6	101	11.6	103	11.7	106	11.7	109	11.8
	16	85.7	12.1	92.3	12.1	97.5	12.1	99.7	12.1	102	12.1	105	12.1	107	12.1
	18	85.3	12.5	91.2	12.5	96.3	12.5	98.5	12.5	100	12.5	103	12.5	105	12.5
	20	84.3	13.0	90.2	13.0	95.1	13.0	97.2	13.0	99.1	13.0	102	13.0	104	13.0
	21	83.8	13.2	89.7	13.3	94.5	13.3	96.6	13.3	98.4	13.3	101	13.3	103	13.2
	23	82.8	13.8	88.6	13.8	93.3	13.9	95.3	13.9	97.0	13.9	99.6	13.8	101	13.8
	25	81.8	14.3	87.5	14.4	92.1	14.5	94.0	14.5	95.6	14.5	98.0	14.5	99.9	14.4
	27	80.8	15.0	86.4	15.1	90.8	15.1	92.7	15.2	94.2	15.2	96.5	15.1	98.3	15.1
	29	79.8	15.7	85.3	15.8	89.6	15.8	91.3	15.9	92.7	15.9	94.9	15.9	96.7	15.8
	31	78.8	16.4	84.1	16.5	88.3	16.6	89.9	16.6	91.2	16.6	93.3	16.7	95.1	16.7
	33	77.8	17.2	83.0	17.3	86.9	17.4	88.5	17.4	89.7	17.5	91.7	17.5	93.5	17.5
	35	76.8	18.0	81.8	18.1	85.6	18.2	87.0	18.3	88.1	18.3	90.0	18.4	91.9	18.5
	37	76.8	18.4	81.8	18.4	85.6	18.5	87.0	18.5	88.1	18.5	90.0	18.5	91.9	18.6
	39	76.8	19.8	81.8	19.8	85.6	19.9	87.0	19.9	88.1	19.9	90.0	20.0	91.9	20.0
50%	10	71.4	8.24	79.5	8.16	84.1	8.17	86.1	8.21	87.9	8.27	91.1	8.45	93.2	8.73
	12	71.4	8.44	78.7	8.35	83.2	8.33	85.1	8.35	86.9	8.39	89.9	8.51	91.9	8.70
	14	71.4	8.68	77.8	8.59	82.2	8.55	84.1	8.55	85.8	8.56	88.6	8.63	90.5	8.75
	16	71.4	8.97	76.9	8.87	81.2	8.81	83.1	8.80	84.8	8.79	87.4	8.81	89.2	8.86
	18	71.1	9.31	76.0	9.20	80.3	9.13	82.1	9.10	83.7	9.08	86.2	9.05	87.9	9.05
	20	70.2	9.70	75.2	9.58	79.3	9.50	81.0	9.46	82.6	9.42	84.9	9.36	86.5	9.31
	21	69.8	9.91	74.7	9.79	78.8	9.70	80.5	9.65	82.0	9.61	84.3	9.54	85.9	9.47
	23	69.0	10.4	73.8	10.2	77.8	10.1	79.4	10.1	80.8	10.0	83.0	9.94	84.5	9.85
	25	68.2	10.9	72.9	10.7	76.7	10.6	78.3	10.6	79.7	10.5	81.7	10.4	83.2	10.3
	27	67.4	11.4	72.0	11.3	75.7	11.2	77.2	11.1	78.5	11.1	80.4	10.9	81.9	10.8
	29	66.5	12.0	71.1	11.9	74.6	11.8	76.1	11.7	77.3	11.7	79.1	11.5	80.6	11.4
	31	65.7	12.7	70.1	12.5	73.6	12.4	74.9	12.4	76.0	12.3	77.7	12.2	79.3	12.1
	33	64.9	13.4	69.1	13.2	72.4	13.1	73.7	13.1	74.8	13.0	76.4	12.9	77.9	12.8
	35	64.0	14.1	68.2	14.0	71.3	13.9	72.5	13.8	73.5	13.8	75.0	13.7	76.6	13.6
	37	64.0	14.4	68.2	14.4	71.3	14.3	72.5	14.3	73.5	14.3	75.0	14.3	76.6	14.2
	39	64.0	15.7	68.2	15.7	71.3	15.6	72.5	15.6	73.5	15.6	75.0	15.6	76.6	15.5
40%	10	57.1	5.69	63.6	5.54	67.3	5.38	68.9	5.30	70.3	5.23	72.9	5.07	74.6	4.92
	12	57.1	6.02	62.9	5.88	66.5	5.73	68.1	5.65	69.5	5.58	71.9	5.43	73.5	5.28
	14	57.1	6.36	62.2	6.22	65.8	6.07	67.3	6.00	68.7	5.93	70.9	5.79	72.4	5.65
	16	57.1	6.69	61.5	6.56	65.0	6.42	66.5	6.35	67.8	6.28	69.9	6.15	71.3	6.01
	18	56.8	7.03	60.8	6.90	64.2	6.77	65.7	6.70	66.9	6.64	68.9	6.51	70.3	6.38
	20	56.2	7.36	60.1	7.24	63.4	7.11	64.8	7.05	66.0	6.99	67.9	6.86	69.2	6.74
	21	55.9	7.53	59.8	7.41	63.0	7.29	64.4	7.23	65.6	7.16	67.4	7.04	68.7	6.92
	23	55.2	7.86	59.1	7.75	62.2	7.63	63.5	7.58	64.7	7.52	66.4	7.40	67.6	7.29
	25	54.5	8.20	58.3	8.09	61.4	7.98	62.7	7.92	63.7	7.87	65.3	7.76	66.6	7.65
	27	53.9	8.53	57.6	8.43	60.6	8.33	61.8	8.27	62.8	8.22	64.3	8.12	65.5	8.02
	29	53.2	8.87	56.9	8.77	59.7	8.67	60.9	8.62	61.8	8.57	63.3	8.48	64.5	8.38
	31	52.6	9.20	56.1	9.11	58.8	9.02	59.9	8.97	60.8	8.93	62.2	8.84	63.4	8.74
	33	51.9	9.54	55.3	9.45	58.0	9.37	59.0	9.32	59.8	9.28	61.1	9.19	62.4	9.11
	35	51.2	9.87	54.5	9.79	57.1	9.71	58.0	9.67	58.8	9.63	60.0	9.55	61.3	9.47
	37	51.2	11.7	54.5	11.6	57.1	11.5	58.0	11.4	58.8	11.4	60.0	11.3	61.3	11.2
	39	51.2	12.7	54.5	12.6	57.1	12.5	58.0	12.4	58.8	12.4	60.0	12.3	61.3	12.2
30%	10	46.0	3.97	49.1	3.83	52.2	3.68	53.9	3.60	55.5	3.53	58.9	3.38	62.4	3.23
	12	45.4	4.23	48.4	4.09	51.5	3.94	53.1	3.87	54.8	3.80	58.1	3.65	61.5	3.51
	14	44.7	4.49	47.7	4.35	50.8	4.21	52.4	4.14	54.0	4.06	57.3	3.92	60.7	3.78
	16	44.0	4.74	47.0	4.61	50.1	4.47	51.6	4.40	53.2	4.33	56.5	4.19	59.8	4.06
	18	43.4	5.00	46.3	4.87	49.3	4.73	50.9	4.67	52.4	4.60	55.6	4.47	58.9	4.33
	20	42.7	5.26	45.6	5.13	48.5	5.00	50.1	4.93	51.6	4.87	54.7	4.74	58.0	4.61
	21	42.3	5.39	45.2	5.26	48.1	5.13	49.7	5.06	51.2	5.00	54.3	4.87	57.5	4.74
	23	41.6	5.64	44.4	5.52	47.3	5.39	48.8	5.33	50.3	5.27	53.4	5.14	56.6	5.02
	25	40.8	5.90	43.6	5.78	46.5	5.66	48.0	5.60	49.5	5.54	52.5	5.41	55.6	5.29
	27	40.1	6.16	42.8	6.04	45.7	5.92	47.1	5.86	48.6	5.80	51.6	5.68	54.7	5.57
	29	39.3	6.41	42.0	6.30	44.8	6.18	46.2	6.13	47.7	6.07	50.6	5.96	53.7	5.84
	31	38.5	6.67	41.2	6.56	43.9	6.45	45.3	6.39	46.8	6.34	49.7	6.23	52.7	6.12
	33	37.7	6.93	40.3	6.82	43.0	6.71	44.4	6.66	45.8	6.61	48.7	6.50	51.6	6.39
	35	36.9	7.18	39.5	7.08	42.1	6.98	43.5	6.92	44.9	6.87	47.7	6.77	50.6	6.66
	37	36.9	8.96	39.5	8.86	42.1	8.75	43.5	8.70	44.9	8.65	47.7	8.54	50.6	8.44
	39	36.9	9.63	39.5	9.53	42.1	9.42	43.5	9.36	44.9	9.31	47.7	9.20	50.6	9.10

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ54AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	170	28.2	181	28.6	189	29.0	192	29.2	194	29.4	199	29.9	203	30.3
	12	168	29.1	179	29.5	187	29.9	189	30.2	192	30.4	196	30.9	200	31.4
	14	166	30.1	177	30.5	184	31.0	187	31.2	189	31.5	193	32.0	197	32.6
	16	164	31.1	174	31.6	182	32.1	184	32.3	186	32.6	190	33.2	195	33.8
	18	162	32.2	172	32.7	179	33.2	181	33.5	183	33.8	188	34.4	192	35.1
	20	161	33.4	170	33.9	176	34.5	178	34.8	180	35.1	185	35.7	189	36.4
	21	160	34.1	169	34.6	175	35.1	177	35.4	179	35.7	183	36.4	188	37.1
	23	158	35.4	167	35.9	172	36.5	174	36.8	176	37.1	181	37.8	185	38.5
	25	156	36.8	164	37.3	169	37.9	172	38.2	174	38.6	178	39.3	182	40.0
	27	153	38.2	162	38.8	167	39.4	169	39.7	171	40.1	175	40.8	180	41.5
	29	151	39.8	159	40.4	164	41.0	166	41.3	168	41.6	173	42.4	177	43.2
	31	149	41.4	157	42.0	161	42.6	163	42.9	166	43.3	170	44.0	174	44.8
	33	147	43.1	154	43.7	159	44.3	161	44.7	163	45.0	167	45.7	171	46.5
	35	145	44.9	151	45.5	156	46.1	158	46.4	160	46.8	164	47.5	169	48.3
	37	143	46.8	149	47.3	153	48.0	155	48.3	157	48.6	162	49.4	166	50.2
	39	140	48.7	146	49.3	150	49.9	152	50.2	154	50.6	159	51.3	163	52.1
120%	10	165	28.1	176	28.5	185	28.9	189	29.1	192	29.3	196	29.7	200	30.2
	12	163	29.0	174	29.4	183	29.8	186	30.0	189	30.3	193	30.8	197	31.3
	14	161	30.0	172	30.4	180	30.8	184	31.1	186	31.3	190	31.9	194	32.4
	16	160	31.0	170	31.4	178	31.9	181	32.2	183	32.5	187	33.0	191	33.6
	18	158	32.1	168	32.6	176	33.1	179	33.4	181	33.7	185	34.3	188	34.9
	20	156	33.3	166	33.8	173	34.3	176	34.6	178	34.9	182	35.6	186	36.2
	21	155	34.0	165	34.4	172	35.0	174	35.3	176	35.6	180	36.2	184	36.9
	23	153	35.3	163	35.8	169	36.3	172	36.6	174	36.9	178	37.6	182	38.3
	25	151	36.7	160	37.2	167	37.8	169	38.1	171	38.4	175	39.1	179	39.8
	27	149	38.1	158	38.7	164	39.2	166	39.6	168	39.9	172	40.6	176	41.4
	29	147	39.6	156	40.2	162	40.8	164	41.1	166	41.5	170	42.2	173	43.0
	31	145	41.3	154	41.8	159	42.4	161	42.8	163	43.1	167	43.9	171	44.6
	33	143	42.9	151	43.5	156	44.2	158	44.5	160	44.8	164	45.6	168	46.4
	35	141	44.7	149	45.3	154	45.9	155	46.3	157	46.6	161	47.4	165	47.8
	37	139	46.5	146	47.1	151	47.8	153	48.1	155	48.5	158	49.2	162	50.0
	39	137	48.4	144	49.1	148	49.7	150	50.1	152	50.4	156	51.2	160	51.9
110%	10	159	28.0	171	28.3	180	28.7	184	28.9	187	29.2	193	29.6	196	30.1
	12	158	28.9	169	29.3	178	29.7	182	29.9	185	30.1	190	30.6	193	31.1
	14	156	29.8	167	30.3	176	30.7	179	30.9	182	31.2	187	31.7	191	32.3
	16	154	30.9	165	31.3	173	31.8	177	32.0	180	32.3	184	32.9	188	33.5
	18	152	32.0	163	32.5	171	32.9	175	33.2	177	33.5	181	34.1	185	34.7
	20	151	33.2	161	33.7	169	34.2	172	34.5	175	34.7	179	35.4	182	36.0
	21	150	33.8	160	34.3	168	34.8	171	35.1	174	35.4	177	36.0	181	36.7
	23	148	35.1	158	35.6	166	36.2	169	36.5	171	36.8	175	37.4	178	38.1
	25	146	36.5	156	37.0	163	37.6	166	37.9	168	38.2	172	38.9	176	39.6
	27	145	38.0	154	38.5	161	39.1	164	39.4	166	39.7	169	40.4	173	41.2
	29	143	39.5	152	40.0	159	40.6	161	41.0	163	41.3	166	42.0	170	42.8
	31	141	41.1	150	41.7	156	42.3	158	42.6	160	42.9	164	43.7	167	44.4
	33	139	42.8	148	43.3	154	44.0	156	44.3	158	44.7	161	45.4	165	46.2
	35	137	44.5	145	45.1	151	45.8	153	46.1	155	46.5	158	47.2	162	48.0
	37	135	46.3	143	47.0	148	47.6	150	48.0	152	48.3	155	49.0	159	49.8
	39	133	48.2	141	48.9	146	49.5	147	49.9	149	50.2	153	51.0	156	51.7
100%	10	148	27.8	165	28.2	174	28.6	178	28.8	182	29.0	188	29.4	193	29.9
	12	148	28.7	163	29.1	172	29.5	176	29.7	180	29.9	186	30.4	190	30.9
	14	148	29.7	161	30.1	170	30.5	174	30.7	178	30.9	183	31.5	187	32.0
	16	148	30.7	159	31.1	168	31.6	172	31.8	175	32.0	181	32.6	185	33.2
	18	147	31.9	157	32.2	166	32.7	170	33.0	173	33.2	178	33.8	182	34.4
	20	145	33.1	155	33.5	164	33.9	168	34.2	171	34.5	176	35.1	179	35.7
	21	144	33.7	155	34.1	163	34.6	167	34.8	170	35.1	174	35.7	178	36.4
	23	143	35.0	153	35.4	161	35.9	164	36.2	167	36.5	172	37.1	175	37.8
	25	141	36.4	151	36.8	159	37.3	162	37.6	165	37.9	169	38.6	172	39.3
	27	139	37.8	149	38.3	157	38.8	160	39.1	162	39.4	166	40.1	169	40.8
	29	138	39.3	147	39.8	154	40.4	157	40.7	160	41.0	164	41.7	167	42.4
	31	136	40.9	145	41.5	152	42.1	155	42.4	157	42.7	161	43.3	164	44.1
	33	134	42.6	143	43.2	150	43.8	153	44.1	155	44.4	158	45.1	161	45.8
	35	132	44.3	141	44.9	148	45.6	150	45.9	152	46.2	155	46.9	159	47.6
	37	131	46.1	139	46.8	145	47.4	147	47.8	149	48.1	152	48.8	156	49.6
	39	129	48.0	137	48.7	143	49.3	145	49.7	146	50.0	150	50.8	153	51.5
90%	10	133	23.2	148	23.3	157	23.5	160	23.6	164	23.7	170	24.0	174	24.3
	12	133	23.9	146	24.1	155	24.3	158	24.4	162	24.6	167	24.9	171	25.2
	14	133	24.7	145	24.9	153	25.2	157	25.3	160	25.4	165	25.8	169	26.1
	16	133	25.5	143	25.8	151	26.1	155	26.2	158	26.4	163	26.7	166	27.1
	18	132	26.4	142	26.7	149	27.0	153	27.2	156	27.4	161	27.8	164	28.1
	20	131	27.4	140	27.7	148	28.1	151	28.3	154	28.5	158	28.8	161	29.2
	21	130	27.9	139	28.2	147	28.6	150	28.8	153	29.0	157	29.4	160	29.8
	23	128	29.0	137	29.3	145	29.8	148	30.0	151	30.2	154	30.6	157	31.0
	25	127	30.1	136	30.5	143	30.9	146	31.2	148	31.4	152	31.8	155	32.3
	27	125	31.3	134	31.7	141	32.2	144	32.4	146	32.6	150	33.1	153	33.6
	29	124	32.5	132	33.0	139	33.5	142	33.7	144	34.0	147	34.5	150	34.9
	31	122	33.9	131	34.3	137	34.9	139	35.1	142	35.4	145	35.9	148	36.4
	33	121	35.3	129	35.8	135	36.3	137	36.6	139	36.8	142	37.3	145	37.9
	35	119	36.7	127	37.2	133	37.8	135	38.1	137	38.3	140	38.9	143	39.4
	37	119	39.2	127	39.7	133	40.2	135	40.5	137	40.7	140	41.2	143	41.7
	39	119	42.5	127	43.0	133	43.5	135	43.7	137	44.0	140	44.5	143	45.1
80%	10	118	18.9	132	18.9	139	19.0	142	19.0	146	19.1	151	19.3	154	19.5
	12	118	19.5	130	19.6	138	19.7	141	19.7	144	19.8	149	19.9	152	20.2
	14	118	20.1	129	20.2	136	20.4	139	20.4	142	20.5	147	20.7	150	20.9
	16	118	20.8	127	20.9	134	21.1	138	21.2	140	21.3	145	21.5	148	21.7
	18	118	21.5	126	21.7	133	21.9	136	22.0	138	22.1	143	22.3	145	22.5
	20	116	22.2	124	22.5	131	22.8	134	22.9	137	23.0	141	23.2	143	23.4
	21	116	22.7	124	22.9	130	23.2	133	23.3	136	23.5	139	23.7	142	23.9
	23	114	23.5	122	23.8	129	24.1	131	24.3	134	24.4	137	24.7	140	24.9
	25	113	24.4	121	24.8	127	25.1	130	25.3	132	25.4	135	25.7	138	25.9
	27	111	25.4	119	25.8	125	26.2	128	26.3	130	26.5	133	26.8	136	27.0
	29	110	26.5	118	26.9	124	27.2	126	27.4	128	27.6	131	27.9	133	28.2
	31	109	27.6	116	28.0	122	28.4	124	28.6	126	28.7	129	29.1	131	29.4
	33	107	28.7	114	29.1	120	29.6	122	29.8	124	30.0	126	30.3	129	30.7
	35	106	29.9	113	30.3	118	30.8	120	31.0	122	31.2	124	31.6	127	32.0
	37	106	31.1	113	31.4	118	31.8	120	31.9	122	32.1	124	32.4	127	32.7
	39	106	33.5	113	33.9	118	34.2	120	34.3	122	34.5	124	34.8	127	35.1

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	103	15.1	115	15.0	122	15.0	125	15.0	127	15.1	132	15.2	135	15.4
	12	103	15.5	114	15.5	120	15.5	123	15.5	126	15.6	130	15.7	133	15.8
	14	103	16.0	113	16.0	119	16.1	122	16.1	124	16.1	128	16.2	131	16.3
	16	103	16.5	111	16.6	118	16.7	120	16.7	123	16.7	127	16.8	129	16.9
	18	103	17.1	110	17.2	116	17.3	119	17.3	121	17.4	125	17.5	127	17.5
	20	102	17.7	109	17.8	115	18.0	117	18.0	120	18.1	123	18.2	125	18.2
	21	101	18.0	108	18.2	114	18.3	117	18.4	119	18.5	122	18.5	124	18.6
	23	99.9	18.7	107	18.9	113	19.1	115	19.2	117	19.2	120	19.3	122	19.4
	25	98.7	19.5	106	19.7	111	19.9	113	20.0	115	20.1	118	20.2	121	20.2
	27	97.6	20.3	104	20.5	110	20.8	112	20.8	114	20.9	116	21.1	119	21.1
	29	96.4	21.1	103	21.4	108	21.6	110	21.8	112	21.8	115	22.0	117	22.1
	31	95.1	22.0	102	22.3	107	22.6	108	22.7	110	22.8	113	23.0	115	23.1
	33	93.9	23.0	100	23.3	105	23.6	107	23.7	108	23.8	111	24.0	113	24.2
	35	92.7	24.0	98.7	24.3	103	24.6	105	24.7	106	24.9	109	25.1	111	25.4
	37	92.7	24.9	98.7	25.1	103	25.2	105	25.3	106	25.4	109	25.5	111	25.7
	39	92.7	26.7	98.7	26.9	103	27.0	105	27.1	106	27.2	109	27.4	111	27.6
60%	10	88.6	11.7	98.7	11.6	104	11.6	107	11.6	109	11.6	113	11.7	116	11.9
	12	88.6	12.0	97.6	11.9	103	11.9	106	11.9	108	11.9	112	12.0	114	12.2
	14	88.6	12.3	96.6	12.3	102	12.3	104	12.3	107	12.3	110	12.4	112	12.4
	16	88.6	12.7	95.5	12.7	101	12.7	103	12.7	105	12.7	109	12.8	111	12.8
	18	88.2	13.2	94.4	13.2	99.6	13.2	102	13.2	104	13.2	107	13.2	109	13.2
	20	87.2	13.7	93.3	13.7	98.4	13.7	101	13.7	102	13.7	105	13.7	107	13.7
	21	86.7	13.9	92.7	14.0	97.8	14.0	99.9	14.0	102	14.0	105	14.0	107	14.0
	23	85.7	14.5	91.6	14.6	96.5	14.6	98.6	14.6	100	14.6	103	14.6	105	14.6
	25	84.6	15.1	90.5	15.2	95.3	15.3	97.2	15.3	98.9	15.3	101	15.3	103	15.2
	27	83.6	15.8	89.4	15.9	94.0	16.0	95.9	16.0	97.4	16.0	99.8	16.0	102	15.9
	29	82.6	16.5	88.2	16.6	92.7	16.7	94.4	16.7	95.9	16.8	98.2	16.8	100	16.7
	31	81.6	17.3	87.0	17.4	91.3	17.5	93.0	17.5	94.4	17.6	96.5	17.6	98.4	17.6
	33	80.5	18.1	85.8	18.2	89.9	18.3	91.5	18.4	92.8	18.4	94.8	18.5	96.8	18.5
	35	79.4	19.0	84.6	19.1	88.5	19.2	90.0	19.3	91.2	19.3	93.2	19.4	95.1	19.5
	37	79.4	19.4	84.6	19.4	88.5	19.5	90.0	19.5	91.2	19.5	93.2	19.6	95.1	19.6
	39	79.4	20.9	84.6	20.9	88.5	21.0	90.0	21.0	91.2	21.0	93.2	21.1	95.1	21.1
50%	10	73.9	8.70	82.3	8.61	87.0	8.62	89.0	8.66	90.9	8.72	94.2	8.92	96.4	9.22
	12	73.9	8.91	81.4	8.81	86.0	8.79	88.0	8.81	89.9	8.85	93.0	8.98	95.0	9.18
	14	73.9	9.16	80.5	9.06	85.0	9.02	87.0	9.02	88.8	9.03	91.7	9.10	93.6	9.23
	16	73.9	9.47	79.6	9.36	84.0	9.30	86.0	9.28	87.7	9.28	90.4	9.29	92.3	9.35
	18	73.5	9.83	78.7	9.71	83.0	9.63	84.9	9.60	86.6	9.58	89.2	9.55	90.9	9.55
	20	72.6	10.2	77.7	10.1	82.0	10.0	83.8	9.98	85.4	9.94	87.9	9.88	89.5	9.83
	21	72.2	10.5	77.3	10.3	81.5	10.2	83.3	10.2	84.8	10.1	87.2	10.1	88.8	10.0
	23	71.4	10.9	76.4	10.8	80.5	10.7	82.2	10.6	83.6	10.6	85.8	10.5	87.5	10.4
	25	70.5	11.5	75.4	11.3	79.4	11.2	81.0	11.2	82.4	11.1	84.5	11.0	86.1	10.9
	27	69.7	12.1	74.5	11.9	78.3	11.8	79.9	11.7	81.2	11.7	83.2	11.5	84.7	11.4
	29	68.8	12.7	73.5	12.5	77.2	12.4	78.7	12.4	79.9	12.3	81.8	12.2	83.4	12.0
	31	68.0	13.4	72.5	13.2	76.1	13.1	77.5	13.1	78.7	13.0	80.4	12.9	82.0	12.7
	33	67.1	14.1	71.5	14.0	74.9	13.9	76.3	13.8	77.3	13.7	79.0	13.6	80.6	13.5
	35	66.2	14.9	70.5	14.7	73.8	14.6	75.0	14.6	76.0	14.5	77.6	14.5	79.3	14.4
	37	66.2	15.2	70.5	15.2	73.8	15.1	75.0	15.1	76.0	15.1	77.6	15.0	79.3	15.0
	39	66.2	16.6	70.5	16.5	73.8	16.5	75.0	16.5	76.0	16.5	77.6	16.4	79.3	16.4
40%	10	59.1	6.00	65.8	5.84	69.6	5.68	71.2	5.60	72.8	5.51	75.4	5.35	77.1	5.19
	12	59.1	6.36	65.1	6.20	68.8	6.04	70.4	5.97	71.9	5.89	74.4	5.73	76.0	5.57
	14	59.1	6.71	64.4	6.56	68.0	6.41	69.6	6.33	71.0	6.26	73.3	6.11	74.9	5.96
	16	59.1	7.06	63.7	6.92	67.2	6.77	68.8	6.70	70.1	6.63	72.3	6.49	73.8	6.34
	18	58.8	7.42	62.9	7.28	66.4	7.14	67.9	7.07	69.2	7.00	71.3	6.86	72.7	6.73
	20	58.1	7.77	62.2	7.64	65.6	7.51	67.1	7.44	68.3	7.37	70.2	7.24	71.6	7.11
	21	57.8	7.94	61.8	7.82	65.2	7.69	66.6	7.62	67.9	7.56	69.7	7.43	71.1	7.30
	23	57.1	8.30	61.1	8.18	64.4	8.05	65.7	7.99	66.9	7.93	68.7	7.81	70.0	7.69
	25	56.4	8.65	60.3	8.54	63.5	8.42	64.8	8.36	65.9	8.30	67.6	8.19	68.9	8.07
	27	55.7	9.00	59.6	8.89	62.7	8.79	63.9	8.73	65.0	8.68	66.5	8.57	67.8	8.46
	29	55.1	9.36	58.8	9.25	61.8	9.15	63.0	9.10	63.9	9.05	65.4	8.94	66.7	8.84
	31	54.4	9.71	58.0	9.61	60.9	9.52	62.0	9.47	62.9	9.42	64.3	9.32	65.6	9.23
	33	53.7	10.1	57.2	9.97	60.0	9.88	61.0	9.84	61.9	9.79	63.2	9.70	64.5	9.61
	35	53.0	10.4	56.4	10.3	59.0	10.2	60.0	10.2	60.8	10.2	62.1	10.1	63.4	10.0
	37	53.0	12.3	56.4	12.2	59.0	12.1	60.0	12.1	60.8	12.0	62.1	11.9	63.4	11.8
	39	53.0	13.4	56.4	13.3	59.0	13.2	60.0	13.1	60.8	13.1	62.1	13.0	63.4	12.9
30%	10	47.6	4.19	50.8	4.04	54.0	3.88	55.7	3.80	57.4	3.72	60.9	3.57	64.6	3.41
	12	46.9	4.46	50.1	4.31	53.3	4.16	55.0	4.08	56.7	4.01	60.1	3.85	63.7	3.70
	14	46.2	4.74	49.4	4.59	52.6	4.44	54.2	4.36	55.9	4.29	59.3	4.14	62.8	3.99
	16	45.6	5.01	48.6	4.86	51.8	4.72	53.4	4.64	55.1	4.57	58.4	4.43	61.9	4.28
	18	44.9	5.28	47.9	5.14	51.0	4.99	52.6	4.92	54.2	4.85	57.5	4.71	60.9	4.57
	20	44.1	5.55	47.1	5.41	50.2	5.27	51.8	5.20	53.4	5.14	56.6	5.00	60.0	4.86
	21	43.8	5.68	46.7	5.55	49.8	5.41	51.4	5.34	52.9	5.28	56.2	5.14	59.5	5.00
	23	43.0	5.96	45.9	5.82	49.0	5.69	50.5	5.62	52.1	5.56	55.3	5.43	58.5	5.29
	25	42.2	6.23	45.1	6.10	48.1	5.97	49.6	5.90	51.2	5.84	54.3	5.71	57.5	5.58
	27	41.5	6.50	44.3	6.37	47.2	6.25	48.7	6.19	50.3	6.12	53.4	6.00	56.5	5.87
	29	40.7	6.77	43.5	6.65	46.4	6.53	47.8	6.47	49.3	6.41	52.4	6.28	55.5	6.16
	31	39.8	7.04	42.6	6.92	45.5	6.80	46.9	6.75	48.4	6.69	51.4	6.57	54.5	6.45
	33	39.0	7.31	41.7	7.20	44.5	7.08	46.0	7.03	47.4	6.97	50.4	6.86	53.4	6.74
	35	38.1	7.58	40.8	7.47	43.6	7.36	45.0	7.31	46.4	7.25	49.4	7.14	52.4	7.03
	37	38.1	9.45	40.8	9.34	43.6	9.23	45.0	9.18	46.4	9.12	49.4	9.01	52.4	8.90
	39	38.1	10.2	40.8	10.1	43.6	9.94	45.0	9.88	46.4	9.82	49.4	9.71	52.4	9.60

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)

Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ56AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	177	29.7	189	30.1	198	30.4	201	30.6	203	30.8	207	31.1	212	31.5
	12	175	30.6	186	31.0	195	31.5	198	31.7	200	32.0	204	32.4	209	32.8
	14	173	31.6	184	32.1	192	32.6	195	32.8	197	33.1	201	33.7	206	34.2
	16	171	32.7	182	33.2	189	33.7	192	34.0	194	34.3	198	34.9	203	35.5
	18	169	33.9	179	34.4	186	35.0	189	35.3	191	35.6	195	36.2	200	36.9
	20	167	35.2	177	35.7	184	36.3	186	36.6	188	36.9	192	37.6	197	38.3
	21	166	35.8	176	36.4	182	37.0	184	37.3	187	37.6	191	38.3	195	39.0
	23	164	37.2	173	37.8	179	38.4	182	38.7	184	39.1	188	39.8	192	40.5
	25	162	38.7	171	39.3	177	39.9	179	40.2	181	40.6	185	41.3	190	42.1
	27	160	40.2	168	40.8	174	41.5	176	41.8	178	42.2	182	42.9	187	43.7
	29	157	41.9	166	42.5	171	43.1	173	43.5	175	43.8	180	44.6	184	45.4
	31	155	43.6	163	44.2	168	44.8	170	45.2	172	45.6	177	46.3	181	47.2
	33	153	45.4	161	46.0	165	46.6	168	47.0	170	47.4	174	48.1	178	48.9
	35	151	47.3	158	47.9	163	48.5	165	48.9	167	49.2	171	49.9	175	50.9
	37	148	49.0	155	49.6	160	50.3	162	50.6	164	51.0	168	52.0	172	52.8
	39	146	50.8	152	51.4	157	52.5	159	52.8	161	53.2	165	54.0	170	54.8
120%	10	172	29.6	184	30.0	193	30.4	197	30.6	200	30.8	204	31.3	208	31.7
	12	170	30.5	181	30.9	191	31.4	194	31.6	197	31.9	201	32.4	205	32.9
	14	168	31.5	179	32.0	188	32.5	191	32.7	194	33.0	198	33.5	202	34.1
	16	166	32.6	177	33.1	185	33.6	189	33.9	191	34.2	195	34.8	199	35.4
	18	164	33.8	175	34.3	183	34.8	186	35.1	188	35.4	192	36.0	196	36.7
	20	162	35.1	172	35.6	180	36.1	183	36.4	185	36.7	189	37.4	193	38.1
	21	161	35.7	171	36.2	179	36.8	182	37.1	184	37.4	188	38.1	192	38.8
	23	159	37.1	169	37.6	176	38.2	179	38.5	181	38.9	185	39.6	189	40.3
	25	157	38.6	167	39.1	174	39.7	176	40.1	178	40.4	182	41.1	186	41.9
	27	155	40.1	164	40.7	171	41.3	173	41.6	175	42.0	179	42.7	183	43.5
	29	153	41.7	162	42.3	168	42.9	170	43.3	172	43.6	176	44.4	180	45.2
	31	151	43.4	160	44.0	166	44.7	168	45.0	170	45.4	174	46.1	178	47.0
	33	149	45.2	157	45.8	163	46.5	165	46.8	167	47.2	171	48.0	175	48.8
	35	147	47.0	155	47.7	160	48.3	162	48.7	164	49.1	168	49.9	172	50.5
	37	145	48.9	153	49.6	157	50.3	159	50.7	161	51.0	165	51.8	169	52.6
	39	143	50.6	150	51.4	154	52.3	156	52.7	158	53.1	162	53.8	166	54.6
110%	10	166	29.4	178	29.8	188	30.2	192	30.5	196	30.7	201	31.1	205	31.6
	12	164	30.4	176	30.8	186	31.2	190	31.5	193	31.7	198	32.2	202	32.8
	14	162	31.4	174	31.8	183	32.3	187	32.6	190	32.8	195	33.4	199	33.9
	16	160	32.5	172	33.0	181	33.4	185	33.7	188	34.0	192	34.6	196	35.2
	18	159	33.7	169	34.2	178	34.7	182	34.9	185	35.2	189	35.9	193	36.5
	20	157	34.9	167	35.4	176	36.0	179	36.3	182	36.6	186	37.2	190	37.9
	21	156	35.6	166	36.1	175	36.6	178	36.9	181	37.3	185	37.9	188	38.6
	23	154	37.0	164	37.5	172	38.1	175	38.4	178	38.7	182	39.4	185	40.1
	25	152	38.4	162	39.0	170	39.6	173	39.9	175	40.2	179	40.9	183	41.7
	27	150	39.9	160	40.5	167	41.1	170	41.4	172	41.8	176	42.5	180	43.3
	29	148	41.6	158	42.1	165	42.8	168	43.1	170	43.4	173	44.2	177	45.0
	31	147	43.2	156	43.8	162	44.5	165	44.8	167	45.2	170	45.9	174	46.7
	33	145	45.0	153	45.6	160	46.3	162	46.6	164	47.0	167	47.8	171	48.6
	35	143	46.8	151	47.5	157	48.2	159	48.5	161	48.9	165	49.6	168	50.5
	37	141	48.6	149	49.4	154	50.1	156	50.5	158	50.8	162	51.6	165	52.4
	39	138	50.4	147	51.1	152	52.1	154	52.5	155	52.9	159	53.6	163	54.4
100%	10	154	29.3	172	29.7	182	30.1	186	30.3	190	30.5	197	30.9	201	31.3
	12	154	30.2	170	30.6	180	31.0	184	31.3	188	31.5	194	32.0	198	32.5
	14	154	31.2	168	31.6	177	32.1	182	32.3	185	32.6	191	33.1	195	33.7
	16	154	32.4	166	32.8	175	33.2	179	33.5	183	33.7	188	34.3	192	34.9
	18	153	33.5	164	34.0	173	34.4	177	34.7	180	35.0	186	35.6	189	36.2
	20	151	34.8	162	35.2	171	35.7	175	36.0	178	36.3	183	36.9	186	37.6
	21	150	35.4	161	35.9	170	36.4	173	36.7	177	37.0	181	37.6	185	38.3
	23	148	36.8	159	37.3	167	37.8	171	38.1	174	38.4	179	39.1	182	39.8
	25	147	38.3	157	38.8	165	39.3	169	39.6	171	39.9	176	40.6	179	41.4
	27	145	39.8	155	40.3	163	40.9	166	41.2	169	41.5	173	42.2	176	43.0
	29	143	41.4	153	41.9	161	42.5	164	42.9	166	43.2	170	43.9	173	44.7
	31	141	43.1	151	43.6	158	44.3	161	44.6	164	44.9	167	45.6	171	46.4
	33	140	44.8	149	45.4	156	46.1	159	46.4	161	46.7	164	47.5	168	48.2
	35	138	46.6	147	47.3	153	47.9	156	48.3	158	48.6	161	49.4	165	50.1
	37	136	48.3	144	49.0	151	49.7	153	50.1	155	50.4	158	51.3	162	52.2
	39	134	50.0	142	50.8	149	51.9	151	52.3	152	52.7	156	53.4	159	54.2
90%	10	138	23.7	154	23.8	163	24.0	167	24.1	171	24.3	177	24.5	180	24.8
	12	138	24.6	153	24.8	161	25.0	165	25.1	168	25.2	174	25.5	178	25.8
	14	138	25.5	151	25.7	159	26.0	163	26.1	166	26.3	172	26.6	175	26.9
	16	138	26.5	149	26.7	157	27.0	161	27.2	164	27.3	169	27.7	173	28.0
	18	138	27.5	147	27.8	155	28.1	159	28.3	162	28.5	167	28.8	170	29.2
	20	136	28.6	146	28.9	154	29.2	157	29.4	160	29.6	164	30.0	168	30.4
	21	135	29.1	145	29.5	153	29.8	156	30.0	159	30.2	163	30.6	166	31.0
	23	134	30.2	143	30.6	151	31.0	154	31.2	157	31.4	161	31.8	164	32.2
	25	132	31.4	141	31.8	149	32.2	152	32.4	154	32.7	158	33.1	161	33.5
	27	130	32.6	139	33.0	147	33.5	150	33.7	152	33.9	156	34.4	159	34.9
	29	129	33.9	138	34.3	145	34.8	147	35.0	150	35.3	153	35.8	156	36.2
	31	127	35.2	136	35.6	142	36.2	145	36.4	147	36.6	150	37.1	153	37.6
	33	126	36.5	134	37.0	140	37.5	143	37.8	145	38.1	148	38.6	151	39.1
	35	124	37.9	132	38.4	138	39.0	140	39.2	142	39.5	145	40.0	148	40.6
	37	124	40.7	132	41.2	138	41.7	140	41.9	142	42.2	145	42.7	148	43.2
	39	124	44.2	132	44.7	138	45.2	140	45.4	142	45.7	145	45.5	148	46.1
80%	10	123	18.9	137	18.9	145	18.9	148	19.0	152	19.0	157	19.2	160	19.3
	12	123	19.6	136	19.6	143	19.7	147	19.8	150	19.8	155	20.0	158	20.1
	14	123	20.3	134	20.4	142	20.5	145	20.6	148	20.7	153	20.8	156	21.0
	16	123	21.1	133	21.2	140	21.4	143	21.5	146	21.6	150	21.7	154	21.9
	18	122	21.9	131	22.1	138	22.3	141	22.4	144	22.5	148	22.7	151	22.8
	20	121	22.8	129	23.0	136	23.2	139	23.3	142	23.4	146	23.6	149	23.8
	21	120	23.2	129	23.5	136	23.7	139	23.8	141	23.9	145	24.1	148	24.3
	23	119	24.1	127	24.4	134	24.7	137	24.8	139	24.9	143	25.2	146	25.4
	25	117	25.1	126	25.4	132	25.7	135	25.8	137	26.0	141	26.2	143	26.4
	27	116	26.1	124	26.4	130	26.7	133	26.9	135	27.0	138	27.3	141	27.6
	29	115	27.1	122	27.5	128	27.8	131	28.0	133	28.1	136	28.4	139	28.7
	31	113	28.2	121	28.6	127	28.9	129	29.1	131	29.3	134	29.6	136	29.9
	33	112	29.3	119	29.7	125	30.1	127	30.3	129	30.4	131	30.8	134	31.1
	35	111	30.4	118	30.8	123	31.3	125	31.4	126	31.6	129	32.0	132	32.4
	37	111	32.0	118	32.3	123	32.6	125	32.8	126	32.9	129	33.2	132	33.5
	39	111	34.7	118	34.9	123	35.2	125	35.4	126	35.5	129	35.8	132	36.1

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	108	14.9	120	14.8	127	14.8	130	14.8	132	14.8	137	14.9	140	15.0
	12	108	15.5	119	15.4	125	15.4	128	15.4	131	15.5	135	15.5	138	15.6
	14	108	16.0	117	16.1	124	16.1	127	16.1	129	16.1	133	16.2	136	16.3
	16	108	16.7	116	16.7	122	16.8	125	16.8	128	16.8	132	16.9	134	16.9
	18	107	17.3	115	17.4	121	17.5	124	17.5	126	17.6	130	17.6	132	17.7
	20	106	18.0	113	18.1	119	18.2	122	18.3	124	18.3	128	18.4	130	18.4
	21	105	18.4	113	18.5	119	18.6	121	18.7	123	18.7	127	18.8	129	18.8
	23	104	19.1	111	19.3	117	19.4	120	19.5	122	19.5	125	19.6	127	19.7
	25	103	19.9	110	20.1	116	20.2	118	20.3	120	20.4	123	20.5	125	20.5
	27	102	20.7	108	20.9	114	21.1	116	21.2	118	21.2	121	21.3	123	21.4
	29	100	21.5	107	21.7	112	22.0	115	22.1	116	22.1	119	22.3	121	22.4
	31	99.2	22.4	106	22.6	111	22.9	113	23.0	115	23.1	117	23.2	119	23.4
	33	98.1	23.3	104	23.6	109	23.8	111	23.9	113	24.0	115	24.2	117	24.4
	35	96.9	24.3	103	24.5	108	24.8	109	24.9	111	25.0	113	25.3	115	25.5
	37	96.9	25.4	103	25.6	108	25.7	109	25.8	111	25.8	113	26.0	115	26.1
	39	96.9	27.4	103	27.5	108	27.7	109	27.7	111	27.8	113	27.9	115	28.1
60%	10	92.3	11.9	103	11.7	109	11.7	111	11.7	113	11.7	118	11.7	120	11.8
	12	92.2	12.3	102	12.2	107	12.1	110	12.1	112	12.1	116	12.1	119	12.2
	14	92.2	12.7	100	12.7	106	12.6	109	12.6	111	12.6	114	12.6	117	12.6
	16	92.2	13.2	99.3	13.2	105	13.1	107	13.1	109	13.1	113	13.1	115	13.1
	18	91.7	13.7	98.2	13.7	104	13.7	106	13.7	108	13.7	111	13.6	113	13.6
	20	90.6	14.3	97.0	14.3	102	14.3	105	14.3	107	14.2	110	14.2	112	14.2
	21	90.1	14.5	96.5	14.6	102	14.6	104	14.6	106	14.5	109	14.5	111	14.5
	23	89.1	15.1	95.3	15.2	100	15.2	103	15.2	104	15.2	107	15.2	109	15.1
	25	88.0	15.8	94.1	15.8	99.1	15.8	101	15.9	103	15.9	105	15.8	107	15.8
	27	87.0	16.4	92.9	16.5	97.7	16.5	99.7	16.5	101	16.6	104	16.5	106	16.5
	29	85.9	17.1	91.7	17.2	96.3	17.3	98.2	17.3	99.8	17.3	102	17.3	104	17.3
	31	84.9	17.9	90.6	17.9	94.9	18.0	96.7	18.0	98.2	18.1	100	18.1	102	18.1
	33	83.9	18.6	89.4	18.7	93.5	18.8	95.2	18.8	96.5	18.9	98.6	18.9	101	19.0
	35	82.9	19.4	88.2	19.5	92.2	19.6	93.6	19.7	94.8	19.7	96.8	19.8	98.9	19.9
	37	82.9	20.1	88.2	20.2	92.2	20.2	93.6	20.2	94.8	20.2	96.8	20.2	98.9	20.3
	39	82.9	21.7	88.2	21.7	92.2	21.8	93.6	21.8	94.8	21.8	96.8	21.8	98.9	21.8
50%	10	76.9	9.16	85.5	9.06	90.5	9.07	92.6	9.11	94.6	9.18	97.9	9.39	100	9.70
	12	76.9	9.37	84.6	9.27	89.5	9.25	91.5	9.27	93.5	9.31	96.6	9.45	98.8	9.66
	14	76.8	9.64	83.7	9.53	88.4	9.49	90.5	9.49	92.3	9.50	95.3	9.58	97.4	9.71
	16	76.8	9.97	82.7	9.85	87.4	9.79	89.4	9.77	91.2	9.76	94.0	9.78	95.9	9.84
	18	76.4	10.3	81.8	10.2	86.3	10.1	88.3	10.1	90.0	10.1	92.8	10.1	94.5	10.1
	20	75.5	10.8	80.9	10.6	85.3	10.5	87.2	10.5	88.8	10.5	91.4	10.4	93.1	10.3
	21	75.1	11.0	80.4	10.9	84.7	10.8	86.6	10.7	88.2	10.7	90.7	10.6	92.4	10.5
	23	74.2	11.5	79.4	11.4	83.7	11.3	85.4	11.2	87.0	11.1	89.2	11.0	91.0	10.9
	25	73.3	12.1	78.4	11.9	82.6	11.8	84.3	11.7	85.7	11.7	87.8	11.6	89.5	11.4
	27	72.5	12.7	77.4	12.5	81.4	12.4	83.1	12.4	84.4	12.3	86.4	12.1	88.1	12.0
	29	71.6	13.4	76.4	13.2	80.3	13.1	81.8	13.0	83.1	12.9	85.0	12.8	86.7	12.7
	31	70.7	14.1	75.4	13.9	79.1	13.8	80.6	13.7	81.8	13.7	83.6	13.5	85.3	13.4
	33	69.8	14.9	74.4	14.7	77.9	14.6	79.3	14.5	80.4	14.5	82.2	14.3	83.8	14.2
	35	68.8	15.7	73.3	15.5	76.7	15.4	78.0	15.4	79.0	15.3	80.7	15.2	82.4	15.1
	37	68.8	16.4	73.3	16.4	76.7	16.4	78.0	16.4	79.0	16.4	80.7	16.4	82.4	16.3
	39	68.8	17.9	73.3	17.8	76.7	17.8	78.0	17.8	79.0	17.8	80.7	17.8	82.4	17.7
40%	10	61.6	6.32	68.1	6.15	71.7	5.98	73.3	5.89	74.9	5.80	77.7	5.63	79.9	5.46
	12	61.5	6.69	67.3	6.52	70.9	6.36	72.5	6.28	74.0	6.20	76.7	6.03	78.7	5.87
	14	61.4	7.06	66.5	6.90	70.1	6.74	71.7	6.67	73.1	6.59	75.6	6.43	77.5	6.27
	16	61.4	7.43	65.8	7.28	69.3	7.13	70.8	7.05	72.2	6.98	74.6	6.83	76.3	6.67
	18	61.0	7.80	65.0	7.66	68.5	7.51	70.0	7.44	71.3	7.37	73.5	7.22	75.2	7.08
	20	60.3	8.18	64.3	8.04	67.6	7.90	69.1	7.83	70.4	7.76	72.5	7.62	74.0	7.48
	21	59.9	8.36	63.9	8.23	67.2	8.09	68.7	8.02	70.0	7.96	71.9	7.82	73.5	7.69
	23	59.2	8.73	63.1	8.60	66.4	8.48	67.8	8.41	69.0	8.35	70.9	8.22	72.3	8.09
	25	58.5	9.10	62.4	8.98	65.6	8.86	66.9	8.80	68.1	8.74	69.8	8.62	71.2	8.50
	27	57.8	9.48	61.7	9.36	64.8	9.25	66.1	9.19	67.1	9.13	68.8	9.02	70.1	8.90
	29	57.1	9.85	60.9	9.74	63.9	9.63	65.2	9.58	66.2	9.52	67.7	9.41	69.0	9.31
	31	56.3	10.2	60.1	10.1	63.1	10.0	64.3	9.96	65.2	9.91	66.6	9.81	67.9	9.71
	33	55.6	10.6	59.4	10.5	62.2	10.4	63.3	10.4	64.2	10.3	65.6	10.2	66.8	10.1
	35	54.9	11.0	58.6	10.9	61.4	10.8	62.4	10.7	63.2	10.7	64.5	10.6	65.7	10.5
	37	54.9	13.2	58.6	13.1	61.4	13.1	62.4	13.0	63.2	13.0	64.5	12.9	65.7	12.8
	39	54.9	14.3	58.6	14.2	61.4	14.1	62.4	14.1	63.2	14.1	64.5	14.0	65.7	13.9
30%	10	49.5	4.41	52.5	4.25	55.7	4.08	57.4	4.00	59.1	3.92	62.8	3.75	66.8	3.59
	12	48.8	4.70	51.7	4.54	54.9	4.38	56.6	4.30	58.3	4.22	62.0	4.06	65.9	3.89
	14	48.1	4.98	51.0	4.83	54.1	4.67	55.8	4.59	57.5	4.51	61.1	4.36	64.9	4.20
	16	47.3	5.27	50.2	5.12	53.4	4.96	55.0	4.89	56.7	4.81	60.2	4.66	64.0	4.50
	18	46.6	5.55	49.5	5.41	52.6	5.26	54.2	5.18	55.9	5.11	59.3	4.96	63.0	4.81
	20	45.8	5.84	48.7	5.69	51.8	5.55	53.4	5.48	55.0	5.40	58.4	5.26	62.0	5.11
	21	45.4	5.98	48.3	5.84	51.4	5.70	53.0	5.62	54.6	5.55	58.0	5.41	61.5	5.27
	23	44.6	6.27	47.5	6.13	50.5	5.99	52.1	5.92	53.7	5.85	57.1	5.71	60.5	5.57
	25	43.8	6.55	46.7	6.42	49.7	6.28	51.3	6.21	52.8	6.15	56.1	6.01	59.5	5.88
	27	43.0	6.84	45.8	6.71	48.8	6.57	50.4	6.51	52.0	6.44	55.2	6.31	58.5	6.18
	29	42.1	7.12	45.0	7.00	48.0	6.87	49.5	6.80	51.1	6.74	54.2	6.61	57.5	6.49
	31	41.3	7.41	44.2	7.28	47.1	7.16	48.6	7.10	50.1	7.04	53.2	6.91	56.4	6.79
	33	40.4	7.69	43.3	7.57	46.2	7.45	47.7	7.39	49.2	7.33	52.3	7.22	55.4	7.10
	35	39.6	7.98	42.4	7.86	45.3	7.75	46.8	7.69	48.3	7.63	51.3	7.52	54.3	7.40
	37	39.6	10.0	42.4	9.91	45.3	9.81	46.8	9.76	48.3	9.71	51.3	9.61	54.3	9.50
	39	39.6	10.8	42.4	10.7	45.3	10.6	46.8	10.5	48.3	10.4	51.3	10.3	54.3	10.2

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ58AMYM Cooling capacity for *VRV* indoor units only (VRT)

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	184	31.1	197	31.6	206	31.9	210	32.0	212	32.2	216	32.4	220	32.7
	12	182	32.1	194	32.6	203	33.1	206	33.3	208	33.6	213	33.9	217	34.2
	14	180	33.2	192	33.7	200	34.2	203	34.5	205	34.8	210	35.4	214	35.7
	16	178	34.4	189	34.9	197	35.4	200	35.7	202	36.0	206	36.6	210	37.3
	18	176	35.6	187	36.1	194	36.7	196	37.0	199	37.3	203	38.0	207	38.7
	20	174	36.9	184	37.5	191	38.1	193	38.4	196	38.7	200	39.5	204	40.2
	21	172	37.6	183	38.2	189	38.8	192	39.1	194	39.5	198	40.2	203	41.0
	23	170	39.1	180	39.7	187	40.3	189	40.6	191	41.0	195	41.7	200	42.5
	25	168	40.6	178	41.2	184	41.9	186	42.2	188	42.6	192	43.4	197	44.2
	27	166	42.2	175	42.9	181	43.5	183	43.9	185	44.3	189	45.0	194	45.9
	29	163	44.0	172	44.6	178	45.3	180	45.6	182	46.0	186	46.8	191	47.7
	31	161	45.8	170	46.4	175	47.1	177	47.4	179	47.8	184	48.6	188	49.5
	33	159	47.6	167	48.3	172	49.0	174	49.3	177	49.7	181	50.5	185	51.3
	35	156	49.6	164	50.2	169	50.9	172	51.3	174	51.6	178	52.3	182	53.4
	37	154	51.2	162	51.9	167	52.6	169	53.0	171	53.3	175	54.6	179	55.4
	39	152	52.9	159	53.6	164	55.1	166	55.5	167	55.9	171	56.7	176	57.5
120%	10	179	31.0	191	31.4	201	31.9	206	32.1	209	32.4	213	32.8	217	33.2
	12	176	32.0	189	32.5	199	32.9	202	33.2	206	33.4	210	34.0	213	34.6
	14	174	33.1	186	33.6	196	34.1	199	34.3	202	34.6	206	35.2	210	35.8
	16	172	34.2	184	34.7	193	35.3	196	35.6	199	35.9	203	36.5	207	37.2
	18	170	35.5	181	36.0	190	36.6	193	36.9	196	37.2	200	37.8	204	38.6
	20	168	36.8	179	37.3	187	37.9	190	38.2	193	38.6	197	39.3	201	40.0
	21	167	37.5	178	38.0	186	38.6	189	39.0	191	39.3	195	40.0	199	40.8
	23	165	39.0	176	39.5	183	40.1	186	40.5	188	40.8	192	41.6	196	42.3
	25	163	40.5	173	41.1	180	41.7	183	42.0	185	42.4	189	43.2	193	44.0
	27	161	42.1	171	42.7	178	43.4	180	43.7	182	44.1	186	44.8	190	45.7
	29	159	43.8	168	44.4	175	45.1	177	45.4	179	45.8	183	46.6	187	47.5
	31	157	45.6	166	46.2	172	46.9	174	47.3	176	47.6	180	48.4	184	49.3
	33	155	47.4	164	48.1	169	48.8	171	49.1	173	49.5	177	50.3	181	51.2
	35	153	49.4	161	50.0	167	50.7	169	51.1	171	51.5	175	52.3	178	53.1
	37	150	51.2	159	52.0	164	52.8	166	53.2	168	53.6	172	54.4	175	55.2
	39	148	52.8	156	53.7	161	54.9	163	55.3	164	55.7	168	56.5	172	57.4
110%	10	173	30.9	186	31.3	196	31.7	200	32.0	204	32.2	210	32.7	213	33.2
	12	170	31.9	183	32.3	193	32.8	198	33.0	201	33.3	206	33.8	210	34.4
	14	168	33.0	181	33.4	191	33.9	195	34.2	198	34.4	203	35.0	206	35.6
	16	167	34.1	178	34.6	188	35.1	192	35.4	195	35.7	200	36.3	203	36.9
	18	165	35.4	176	35.9	186	36.4	189	36.7	192	37.0	197	37.6	200	38.3
	20	163	36.7	174	37.2	183	37.8	186	38.1	189	38.4	193	39.1	197	39.8
	21	162	37.4	173	37.9	182	38.5	185	38.8	188	39.1	192	39.8	195	40.6
	23	160	38.8	171	39.4	179	40.0	182	40.3	185	40.6	189	41.3	193	42.1
	25	158	40.3	168	40.9	176	41.5	180	41.8	182	42.2	186	42.9	190	43.7
	27	156	41.9	166	42.5	174	43.2	177	43.5	179	43.9	183	44.6	187	45.5
	29	154	43.6	164	44.2	171	44.9	174	45.2	176	45.6	180	46.4	184	47.2
	31	152	45.4	162	46.0	169	46.7	171	47.1	173	47.4	177	48.2	181	49.1
	33	150	47.2	159	47.9	166	48.6	168	48.9	170	49.3	174	50.1	178	51.0
	35	148	49.2	157	49.8	163	50.5	166	50.9	168	51.3	171	52.1	175	53.0
	37	146	50.9	155	51.8	161	52.6	163	53.0	165	53.4	168	54.2	172	55.0
	39	144	52.5	153	53.4	158	54.7	160	55.1	162	55.5	165	56.3	169	57.1
100%	10	161	30.7	179	31.1	190	31.6	194	31.8	198	32.0	205	32.4	210	32.8
	12	160	31.7	177	32.2	187	32.6	192	32.8	196	33.1	202	33.6	206	34.2
	14	160	32.8	175	33.2	185	33.7	189	34.0	193	34.2	199	34.8	203	35.4
	16	160	34.0	172	34.4	182	34.9	187	35.2	190	35.5	196	36.0	200	36.7
	18	159	35.2	170	35.7	180	36.2	184	36.5	188	36.8	193	37.4	196	38.1
	20	157	36.5	168	37.0	177	37.5	181	37.8	185	38.1	190	38.8	193	39.5
	21	156	37.2	167	37.7	176	38.2	180	38.5	183	38.9	188	39.5	192	40.3
	23	154	38.6	165	39.2	174	39.7	178	40.0	181	40.4	185	41.1	189	41.8
	25	152	40.2	163	40.7	171	41.3	175	41.6	178	41.9	182	42.7	186	43.4
	27	150	41.8	161	42.3	169	42.9	172	43.3	175	43.6	179	44.3	183	45.1
	29	149	43.4	159	44.0	167	44.7	170	45.0	173	45.4	177	46.1	180	46.9
	31	147	45.2	157	45.8	164	46.5	167	46.8	170	47.2	174	47.9	177	48.8
	33	145	47.0	154	47.7	162	48.4	165	48.7	167	49.1	171	49.9	174	50.7
	35	143	48.8	152	49.6	159	50.3	162	50.7	164	51.1	168	51.8	171	52.6
	37	141	50.4	150	51.2	157	52.0	159	52.4	161	52.8	165	53.9	168	54.8
	39	139	52.1	148	52.9	154	54.5	157	54.9	158	55.3	162	56.1	165	56.9
90%	10	144	24.2	161	24.4	170	24.6	174	24.7	178	24.8	184	25.0	187	25.2
	12	144	25.2	159	25.5	168	25.7	172	25.8	175	25.9	181	26.2	185	26.4
	14	144	26.3	157	26.6	166	26.8	169	27.0	173	27.1	178	27.4	182	27.7
	16	144	27.4	155	27.7	164	28.0	167	28.2	170	28.3	176	28.6	179	28.9
	18	143	28.6	153	28.9	161	29.2	165	29.4	168	29.5	173	29.8	177	30.2
	20	141	29.7	151	30.1	159	30.4	163	30.6	166	30.8	171	31.1	174	31.5
	21	140	30.3	150	30.7	158	31.0	162	31.2	165	31.4	169	31.8	173	32.1
	23	139	31.5	148	31.9	156	32.3	160	32.5	163	32.7	167	33.0	170	33.4
	25	137	32.7	147	33.1	154	33.5	157	33.7	160	33.9	164	34.4	167	34.8
	27	135	33.9	145	34.4	152	34.8	155	35.0	158	35.3	162	35.7	165	36.1
	29	134	35.2	143	35.6	150	36.1	153	36.3	155	36.6	159	37.0	162	37.5
	31	132	36.5	141	36.9	148	37.4	151	37.7	153	37.9	156	38.4	159	38.9
	33	131	37.8	139	38.3	146	38.8	148	39.0	150	39.3	154	39.8	157	40.3
	35	129	39.1	137	39.6	144	40.1	146	40.4	148	40.7	151	41.2	154	41.8
	37	129	42.1	137	42.6	144	43.1	146	43.4	148	43.6	151	44.2	154	44.7
	39	129	45.8	137	46.3	144	46.8	146	47.1	148	47.4	151	46.6	154	47.0
80%	10	128	18.8	143	18.8	151	18.9	154	18.9	158	18.9	163	19.1	167	19.2
	12	128	19.6	141	19.7	149	19.8	153	19.8	156	19.9	161	20.0	164	20.1
	14	128	20.5	139	20.6	147	20.7	151	20.8	153	20.9	158	21.0	162	21.1
	16	128	21.4	138	21.6	145	21.7	149	21.8	151	21.9	156	22.0	159	22.2
	18	127	22.3	136	22.5	143	22.7	147	22.8	150	22.9	154	23.0	157	23.2
	20	126	23.3	134	23.5	142	23.7	145	23.8	148	23.9	152	24.1	155	24.2
	21	125	23.8	134	24.0	141	24.2	144	24.3	147	24.4	151	24.6	153	24.8
	23	123	24.7	132	25.0	139	25.2	142	25.3	144	25.4	148	25.7	151	25.9
	25	122	25.7	130	26.0	137	26.2	140	26.4	142	26.5	146	26.7	149	27.0
	27	121	26.7	129	27.0	135	27.3	138	27.4	140	27.6	144	27.8	146	28.1
	29	119	27.8	127	28.1	133	28.4	136	28.5	138	28.7	141	29.0	144	29.2
	31	118	28.8	126	29.1	131	29.5	134	29.6	136	29.8	139	30.1	142	30.4
	33	117	29.9	124	30.2	130	30.6	132	30.7	134	30.9	136	31.2	139	31.6
	35	115	31.0	123	31.3	128	31.7	130	31.9	131	32.1	134	32.4	137	32.8
	37	115	32.9	123	33.2	128	33.5	130	33.6	131	33.7	134	34.0	137	34.3
	39	115	35.8	123	36.0	128	36.3	130	36.4	131	36.5	134	36.8	137	37.1

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	112	14.7	125	14.6	132	14.6	135	14.6	138	14.6	142	14.6	146	14.6
	12	112	15.4	123	15.4	130	15.4	133	15.4	136	15.4	140	15.4	144	15.4
	14	112	16.1	122	16.1	129	16.1	132	16.1	134	16.1	139	16.2	142	16.2
	16	112	16.8	120	16.8	127	16.9	130	16.9	133	16.9	137	16.9	139	17.0
	18	111	17.6	119	17.6	126	17.7	128	17.7	131	17.7	135	17.8	137	17.8
	20	110	18.3	118	18.4	124	18.5	127	18.5	129	18.5	133	18.6	135	18.6
	21	109	18.7	117	18.8	123	18.9	126	18.9	128	19.0	132	19.0	134	19.1
	23	108	19.5	115	19.6	122	19.7	124	19.8	126	19.8	130	19.9	132	19.9
	25	107	20.3	114	20.4	120	20.5	122	20.6	125	20.7	128	20.7	130	20.8
	27	106	21.1	113	21.3	118	21.4	121	21.5	123	21.5	126	21.6	128	21.7
	29	104	21.9	111	22.1	117	22.3	119	22.3	121	22.4	124	22.6	126	22.7
	31	103	22.8	110	23.0	115	23.2	117	23.2	119	23.3	121	23.5	124	23.6
	33	102	23.7	109	23.9	113	24.1	115	24.2	117	24.3	119	24.4	122	24.6
	35	101	24.6	107	24.8	112	25.0	113	25.1	115	25.2	117	25.4	120	25.6
	37	101	25.9	107	26.1	112	26.2	113	26.2	115	26.3	117	26.4	120	26.5
	39	101	28.2	107	28.2	112	28.3	113	28.3	115	28.4	117	28.5	120	28.6
60%	10	95.9	12.0	107	11.9	113	11.8	115	11.8	118	11.7	122	11.7	125	11.6
	12	95.8	12.6	106	12.5	111	12.4	114	12.3	116	12.3	120	12.2	123	12.2
	14	95.7	13.1	104	13.0	110	12.9	113	12.9	115	12.9	119	12.8	121	12.8
	16	95.7	13.7	103	13.6	109	13.5	111	13.5	114	13.5	117	13.4	120	13.4
	18	95.2	14.2	102	14.2	108	14.2	110	14.1	112	14.1	116	14.1	118	14.0
	20	94.1	14.8	101	14.8	106	14.8	109	14.8	111	14.7	114	14.7	116	14.7
	21	93.6	15.1	100	15.1	106	15.1	108	15.1	110	15.1	113	15.0	115	15.0
	23	92.5	15.8	99.0	15.8	104	15.8	106	15.7	108	15.7	111	15.7	113	15.7
	25	91.4	16.4	97.7	16.4	103	16.4	105	16.4	107	16.4	109	16.4	112	16.4
	27	90.3	17.0	96.5	17.1	101	17.1	103	17.1	105	17.1	108	17.1	110	17.1
	29	89.3	17.7	95.3	17.8	100	17.8	102	17.8	104	17.8	106	17.8	108	17.8
	31	88.3	18.4	94.1	18.5	98.6	18.5	100	18.5	102	18.6	104	18.6	106	18.6
	33	87.3	19.1	93.0	19.2	97.1	19.2	98.8	19.3	100	19.3	102	19.4	104	19.4
	35	86.4	19.8	91.8	19.9	95.8	20.0	97.2	20.0	98.4	20.1	101	20.1	103	20.2
	37	86.4	20.8	91.8	20.9	95.8	20.9	97.2	20.9	98.4	20.9	101	20.9	103	20.9
	39	86.4	22.6	91.8	22.6	95.8	22.5	97.2	22.5	98.4	22.5	101	22.5	103	22.6
50%	10	80.0	9.61	88.8	9.51	93.9	9.52	96.2	9.57	98.2	9.64	102	9.86	104	10.2
	12	79.9	9.84	87.8	9.73	92.9	9.71	95.1	9.73	97.0	9.77	100	9.92	103	10.1
	14	79.8	10.1	86.9	10.0	91.8	9.96	93.9	9.96	95.9	9.98	99.0	10.1	101	10.2
	16	79.8	10.5	85.9	10.3	90.7	10.3	92.8	10.3	94.7	10.2	97.7	10.3	99.6	10.3
	18	79.3	10.9	84.9	10.7	89.7	10.6	91.7	10.6	93.4	10.6	96.4	10.6	98.1	10.6
	20	78.4	11.3	84.0	11.2	88.6	11.1	90.5	11.0	92.2	11.0	94.9	10.9	96.7	10.9
	21	78.0	11.6	83.5	11.4	88.0	11.3	89.9	11.3	91.6	11.2	94.1	11.1	95.9	11.0
	23	77.1	12.1	82.5	11.9	86.9	11.8	88.7	11.8	90.3	11.7	92.7	11.6	94.4	11.5
	25	76.2	12.7	81.4	12.5	85.7	12.4	87.5	12.3	89.0	12.3	91.2	12.1	93.0	12.0
	27	75.2	13.3	80.4	13.2	84.6	13.0	86.2	13.0	87.7	12.9	89.7	12.8	91.5	12.6
	29	74.3	14.0	79.4	13.9	83.4	13.7	85.0	13.7	86.3	13.6	88.3	13.4	90.0	13.3
	31	73.4	14.8	78.3	14.6	82.2	14.5	83.7	14.4	85.0	14.4	86.8	14.2	88.5	14.1
	33	72.4	15.6	77.2	15.4	80.9	15.3	82.4	15.2	83.5	15.2	85.3	15.1	87.0	14.9
	35	71.5	16.5	76.1	16.3	79.7	16.2	81.0	16.1	82.0	16.1	83.8	16.0	85.6	15.9
	37	71.5	17.7	76.1	17.7	79.7	17.7	81.0	17.7	82.0	17.7	83.8	17.7	85.6	17.7
	39	71.5	19.2	76.1	19.2	79.7	19.1	81.0	19.1	82.0	19.1	83.8	19.1	85.6	19.1
40%	10	64.0	6.63	70.3	6.45	73.8	6.27	75.4	6.18	77.0	6.09	80.1	5.91	82.6	5.73
	12	63.9	7.02	69.5	6.85	73.0	6.68	74.6	6.59	76.1	6.50	79.0	6.33	81.3	6.16
	14	63.8	7.41	68.7	7.25	72.1	7.08	73.7	7.00	75.2	6.91	77.9	6.75	80.1	6.58
	16	63.7	7.80	67.9	7.64	71.3	7.48	72.9	7.40	74.3	7.33	76.8	7.17	78.8	7.01
	18	63.3	8.19	67.1	8.04	70.5	7.89	72.0	7.81	73.4	7.74	75.8	7.58	77.6	7.43
	20	62.4	8.58	66.3	8.44	69.7	8.29	71.2	8.22	72.5	8.15	74.7	8.00	76.5	7.86
	21	62.1	8.78	65.9	8.64	69.3	8.49	70.8	8.42	72.1	8.35	74.2	8.21	75.9	8.07
	23	61.3	9.17	65.2	9.03	68.5	8.90	69.9	8.83	71.2	8.76	73.1	8.63	74.7	8.49
	25	60.5	9.56	64.5	9.43	67.7	9.30	69.1	9.24	70.2	9.17	72.1	9.05	73.6	8.92
	27	59.8	9.95	63.7	9.83	66.9	9.71	68.2	9.65	69.3	9.58	71.0	9.46	72.5	9.34
	29	59.0	10.3	63.0	10.2	66.1	10.1	67.4	10.1	68.4	10.0	70.0	9.88	71.3	9.77
	31	58.3	10.7	62.3	10.6	65.3	10.5	66.5	10.5	67.5	10.4	69.0	10.3	70.2	10.2
	33	57.6	11.1	61.5	11.0	64.5	10.9	65.7	10.9	66.6	10.8	67.9	10.7	69.2	10.6
	35	56.9	11.5	60.8	11.4	63.7	11.3	64.8	11.3	65.6	11.2	66.9	11.1	68.1	11.0
	37	56.9	14.1	60.8	14.1	63.7	14.0	64.8	14.0	65.6	14.0	66.9	13.9	68.1	13.8
	39	56.9	15.2	60.8	15.2	63.7	15.1	64.8	15.1	65.6	15.1	66.9	15.0	68.1	14.9
30%	10	51.5	4.63	54.2	4.46	57.3	4.29	59.0	4.20	60.8	4.11	64.8	3.94	69.1	3.77
	12	50.7	4.93	53.4	4.76	56.5	4.60	58.2	4.51	60.0	4.43	63.9	4.26	68.1	4.09
	14	49.9	5.23	52.6	5.07	55.7	4.90	57.4	4.82	59.2	4.74	63.0	4.57	67.1	4.41
	16	49.1	5.53	51.8	5.37	54.9	5.21	56.6	5.13	58.3	5.05	62.1	4.89	66.1	4.73
	18	48.3	5.83	51.1	5.67	54.1	5.52	55.8	5.44	57.5	5.36	61.1	5.21	65.1	5.05
	20	47.4	6.13	50.2	5.98	53.3	5.83	55.0	5.75	56.7	5.67	60.2	5.52	64.1	5.37
	21	47.0	6.28	49.8	6.13	52.9	5.98	54.5	5.90	56.2	5.83	59.8	5.68	63.5	5.53
	23	46.2	6.58	49.0	6.43	52.1	6.29	53.7	6.21	55.4	6.14	58.8	5.99	62.5	5.85
	25	45.3	6.88	48.2	6.74	51.3	6.59	52.9	6.52	54.5	6.45	57.9	6.31	61.5	6.17
	27	44.5	7.18	47.4	7.04	50.5	6.90	52.0	6.83	53.6	6.76	57.0	6.63	60.4	6.49
	29	43.6	7.48	46.6	7.34	49.6	7.21	51.2	7.14	52.8	7.08	56.0	6.94	59.4	6.81
	31	42.7	7.78	45.7	7.65	48.8	7.52	50.3	7.45	51.9	7.39	55.1	7.26	58.3	7.13
	33	41.8	8.08	44.9	7.95	47.9	7.82	49.5	7.76	51.0	7.70	54.1	7.57	57.3	7.45
	35	41.0	8.37	44.0	8.25	47.1	8.13	48.6	8.07	50.1	8.01	53.2	7.89	56.2	7.77
	37	41.0	10.6	44.0	10.5	47.1	10.4	48.6	10.3	50.1	10.3	53.2	10.2	56.2	10.1
	39	41.0	11.4	44.0	11.3	47.1	11.2	48.6	11.1	50.1	11.1	53.2	11.0	56.2	10.9

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

RXQ60AMYM Cooling capacity for *VRV* indoor units only (VRT)

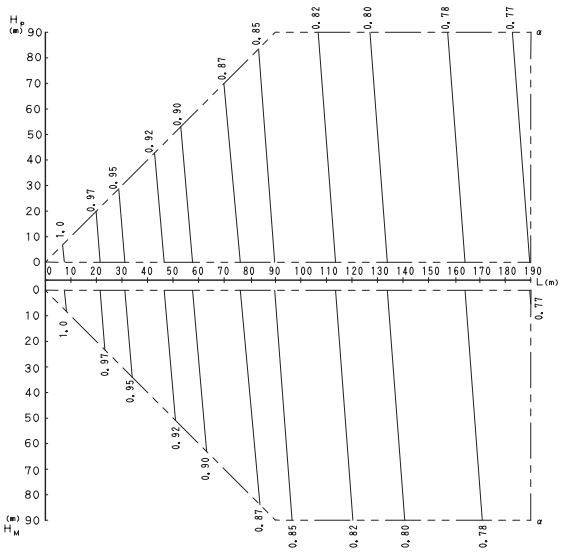
Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130%	10	192	32.6	205	33.0	215	33.4	218	33.5	221	33.5	225	33.7	229	33.9
	12	189	33.6	202	34.1	211	34.6	214	34.9	217	35.2	221	35.4	225	35.6
	14	187	34.8	199	35.3	208	35.8	211	36.1	213	36.4	218	37.0	222	37.3
	16	185	36.0	197	36.5	205	37.1	207	37.4	210	37.7	214	38.4	218	39.0
	18	182	37.3	194	37.8	202	38.4	204	38.8	206	39.1	211	39.8	215	40.6
	20	180	38.7	191	39.3	198	39.9	201	40.2	203	40.6	208	41.3	212	42.1
	21	179	39.4	190	40.0	197	40.6	199	41.0	201	41.3	206	42.1	210	42.9
	23	177	40.9	187	41.5	194	42.2	196	42.6	198	42.9	203	43.7	207	44.6
	25	174	42.5	185	43.2	191	43.9	193	44.2	195	44.6	200	45.4	204	46.3
	27	172	44.2	182	44.9	188	45.6	190	46.0	192	46.3	196	47.2	201	48.1
	29	170	46.0	179	46.7	185	47.4	187	47.8	189	48.2	193	49.0	198	49.9
	31	167	47.9	176	48.6	182	49.3	184	49.7	186	50.1	190	50.9	195	51.8
	33	165	49.9	174	50.5	179	51.3	181	51.7	184	52.1	188	52.9	192	53.6
	35	162	51.9	171	52.6	176	53.3	179	53.7	181	54.0	185	54.7	189	55.9
	37	160	53.5	168	54.2	173	54.9	176	55.3	178	55.7	182	57.1	186	58.1
	39	157	55.0	165	55.8	171	57.7	173	58.1	173	58.5	178	59.3	183	60.3
120%	10	185	32.5	199	32.9	210	33.4	214	33.6	218	33.9	222	34.4	225	34.6
	12	183	33.5	196	34.0	207	34.5	211	34.8	214	35.0	218	35.6	222	36.2
	14	181	34.7	194	35.1	204	35.7	207	36.0	210	36.2	214	36.9	218	37.5
	16	179	35.9	191	36.4	200	36.9	204	37.2	207	37.6	211	38.2	215	38.9
	18	177	37.2	188	37.7	197	38.3	201	38.6	203	38.9	207	39.6	211	40.4
	20	175	38.6	186	39.1	195	39.7	198	40.1	200	40.4	204	41.1	208	41.9
	21	173	39.3	184	39.8	193	40.5	196	40.8	198	41.2	202	41.9	206	42.7
	23	171	40.8	182	41.4	190	42.0	193	42.4	195	42.7	199	43.5	203	44.4
	25	169	42.4	180	43.0	187	43.7	190	44.0	192	44.4	196	45.2	200	46.1
	27	167	44.1	177	44.7	184	45.4	187	45.8	189	46.2	193	47.0	197	47.9
	29	165	45.9	175	46.5	182	47.2	184	47.6	186	48.0	190	48.8	194	49.7
	31	163	47.7	172	48.4	179	49.1	181	49.5	183	49.9	187	50.7	191	51.6
	33	160	49.7	170	50.3	176	51.1	178	51.5	180	51.9	184	52.7	188	53.6
	35	158	51.7	167	52.4	173	53.1	175	53.5	177	53.9	181	54.8	185	55.7
	37	156	53.5	165	54.4	170	55.3	172	55.7	175	56.1	178	57.0	182	57.9
	39	154	55.0	162	56.0	168	57.5	170	57.9	171	58.3	174	59.2	179	60.1
110%	10	179	32.4	193	32.8	204	33.2	209	33.5	213	33.7	218	34.2	222	34.8
	12	177	33.4	190	33.9	201	34.3	206	34.6	209	34.9	215	35.4	218	36.0
	14	175	34.5	188	35.0	198	35.5	203	35.8	206	36.1	211	36.7	214	37.3
	16	173	35.7	185	36.2	195	36.8	200	37.1	203	37.4	207	38.0	211	38.7
	18	171	37.0	183	37.5	193	38.1	197	38.4	200	38.7	204	39.4	207	40.2
	20	169	38.4	180	38.9	190	39.5	194	39.9	196	40.2	201	40.9	204	41.7
	21	168	39.1	179	39.7	188	40.3	192	40.6	195	41.0	199	41.7	203	42.5
	23	166	40.6	177	41.2	186	41.8	189	42.2	192	42.5	196	43.3	200	44.1
	25	164	42.2	175	42.8	183	43.5	186	43.8	189	44.2	193	45.0	197	45.8
	27	162	43.9	172	44.5	180	45.2	183	45.6	186	45.9	189	46.7	193	47.6
	29	160	45.7	170	46.3	178	47.0	180	47.4	183	47.8	186	48.6	190	49.5
	31	158	47.5	168	48.2	175	48.9	178	49.3	180	49.7	183	50.5	187	51.4
	33	156	49.5	165	50.1	172	50.9	175	51.3	177	51.7	180	52.5	184	53.4
	35	153	51.5	163	52.2	170	52.9	172	53.3	174	53.7	177	54.6	181	55.5
	37	151	53.2	161	54.2	167	55.1	169	55.5	171	55.9	175	56.7	178	57.6
	39	149	54.7	158	55.7	164	57.3	166	57.7	168	58.1	171	59.0	175	59.8
100%	10	167	32.2	187	32.6	198	33.1	202	33.3	207	33.5	214	34.0	218	34.3
	12	166	33.3	184	33.7	195	34.2	200	34.4	204	34.7	210	35.2	214	35.8
	14	166	34.4	182	34.8	192	35.3	197	35.6	201	35.9	207	36.5	211	37.1
	16	166	35.6	179	36.1	190	36.6	194	36.9	198	37.2	204	37.8	207	38.4
	18	164	36.9	177	37.4	187	37.9	191	38.2	195	38.5	200	39.2	204	39.9
	20	163	38.3	174	38.8	184	39.3	188	39.7	192	40.0	197	40.7	200	41.4
	21	162	39.0	173	39.5	183	40.1	187	40.4	190	40.7	195	41.4	199	42.2
	23	160	40.5	171	41.0	180	41.6	184	42.0	188	42.3	192	43.0	196	43.8
	25	158	42.1	169	42.6	178	43.3	181	43.6	185	44.0	189	44.7	193	45.5
	27	156	43.7	167	44.3	175	45.0	179	45.3	182	45.7	186	46.5	190	47.3
	29	154	45.5	165	46.1	173	46.8	176	47.2	179	47.5	183	48.3	187	49.2
	31	152	47.3	162	48.0	170	48.7	174	49.1	176	49.4	180	50.2	184	51.1
	33	150	49.3	160	49.9	168	50.7	171	51.0	173	51.4	177	52.2	180	53.1
	35	148	51.1	158	51.9	165	52.7	168	53.1	170	53.5	174	54.3	177	55.1
	37	146	52.6	155	53.4	163	54.3	165	54.7	167	55.1	171	56.5	174	57.4
	39	144	54.1	153	54.9	160	57.1	163	57.5	164	57.9	168	58.7	171	59.6
90%	10	150	24.7	167	24.9	177	25.1	181	25.2	184	25.3	191	25.5	194	25.7
	12	149	25.9	165	26.2	174	26.4	178	26.5	182	26.6	188	26.8	191	27.1
	14	149	27.2	163	27.4	172	27.7	176	27.8	179	27.9	185	28.2	189	28.4
	16	149	28.4	161	28.7	170	29.0	173	29.1	177	29.3	182	29.5	186	29.8
	18	148	29.7	159	30.0	167	30.3	171	30.4	174	30.6	180	30.9	183	31.2
	20	146	30.9	157	31.2	165	31.6	169	31.7	172	31.9	177	32.3	180	32.6
	21	146	31.5	156	31.9	164	32.2	168	32.4	171	32.6	176	32.9	179	33.3
	23	144	32.8	154	33.2	162	33.5	166	33.7	169	33.9	173	34.3	176	34.7
	25	142	34.0	152	34.4	160	34.8	163	35.0	166	35.2	170	35.6	174	36.0
	27	140	35.3	150	35.7	158	36.1	161	36.3	164	36.6	167	37.0	171	37.4
	29	139	36.5	148	37.0	156	37.4	159	37.7	161	37.9	165	38.3	168	38.8
	31	137	37.8	146	38.2	153	38.7	156	39.0	159	39.2	162	39.7	165	40.2
	33	136	39.0	144	39.5	151	40.0	154	40.3	156	40.5	159	41.0	162	41.6
	35	134	40.2	143	40.8	149	41.3	151	41.6	153	41.9	156	42.4	160	42.9
	37	134	43.6	143	44.1	149	44.6	151	44.8	153	45.1	156	45.6	160	46.2
	39	134	47.5	143	48.0	149	48.5	151	48.8	153	49.1	156	47.7	160	48.0
80%	10	133	18.7	149	18.7	157	18.8	161	18.8	164	18.9	169	18.9	173	19.0
	12	133	19.7	147	19.8	155	19.9	158	19.9	161	20.0	166	20.1	170	20.1
	14	133	20.7	145	20.8	153	20.9	156	21.0	159	21.0	164	21.2	168	21.3
	16	133	21.7	143	21.9	151	22.0	154	22.1	157	22.1	162	22.3	165	22.4
	18	132	22.8	141	22.9	149	23.1	152	23.1	155	23.2	160	23.4	163	23.5
	20	130	23.8	139	24.0	147	24.1	150	24.2	153	24.3	157	24.5	160	24.7
	21	129	24.3	139	24.5	146	24.7	149	24.8	152	24.9	156	25.0	159	25.2
	23	128	25.3	137	25.5	144	25.7	147	25.8	150	25.9	154	26.2	157	26.4
	25	127	26.4	135	26.6	142	26.8	145	26.9	148	27.0	151	27.3	154	27.5
	27	125	27.4	134	27.6	140	27.9	143	28.0	145	28.1	149	28.4	152	28.6
	29	124	28.4	132	28.7	138	28.9	141	29.1	143	29.2	146	29.5	149	29.8
	31	123	29.4	130	29.7	136	30.0	139	30.2	141	30.3	144	30.6	147	30.9
	33	121	30.5	129	30.8	134	31.1	137	31.2	138	31.4	141	31.7	144	32.0
	35	120	31.5	127	31.8	133	32.2	134	32.3	136	32.5	139	32.8	142	33.1
	37	120	33.8	127	34.1	133	34.3	134	34.5	136	34.6	139	34.8	142	35.1
	39	120	36.9	127	37.1	133	37.3	134	37.4	136	37.5	139	37.8	142	38.1

Capacity ratio (%)	Outdoor air temp.	Indoor air temp. (°CWB)													
		14		16		18		19		20		22		24	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
	°CDB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
70%	10	116	14.5	130	14.5	137	14.4	140	14.4	143	14.4	147	14.3	151	14.3
	12	116	15.3	128	15.3	135	15.3	138	15.3	141	15.2	146	15.2	149	15.2
	14	116	16.1	127	16.1	133	16.1	136	16.1	139	16.1	144	16.1	147	16.1
	16	116	17.0	125	17.0	132	17.0	135	17.0	137	17.0	142	17.0	145	17.0
	18	115	17.8	123	17.8	130	17.9	133	17.9	136	17.9	140	17.9	142	17.9
	20	114	18.6	122	18.7	129	18.7	131	18.7	134	18.8	138	18.8	140	18.8
	21	113	19.0	121	19.1	128	19.1	131	19.2	133	19.2	137	19.3	139	19.3
	23	112	19.9	120	19.9	126	20.0	129	20.0	131	20.1	135	20.1	137	20.2
	25	111	20.7	118	20.8	124	20.9	127	20.9	129	21.0	132	21.0	135	21.1
	27	110	21.5	117	21.6	123	21.7	125	21.8	127	21.8	130	21.9	133	22.0
	29	109	22.3	116	22.5	121	22.6	123	22.6	125	22.7	128	22.8	131	23.0
	31	107	23.2	114	23.3	119	23.4	121	23.5	123	23.6	126	23.7	129	23.9
	33	106	24.0	113	24.1	118	24.3	120	24.4	121	24.5	124	24.6	126	24.8
	35	105	24.8	112	25.0	116	25.2	118	25.3	119	25.3	122	25.5	124	25.7
	37	105	26.5	112	26.6	116	26.7	118	26.7	119	26.7	122	26.8	124	26.9
	39	105	28.9	112	28.9	116	28.9	118	28.9	119	29.0	122	29.0	124	29.1
60%	10	99.5	12.2	111	12.1	117	11.9	120	11.9	122	11.8	126	11.6	129	11.5
	12	99.3	12.9	109	12.7	116	12.6	118	12.5	121	12.5	125	12.4	128	12.2
	14	99.2	13.5	108	13.4	114	13.3	117	13.2	119	13.2	123	13.1	126	13.0
	16	99.2	14.1	107	14.0	113	14.0	115	13.9	118	13.9	122	13.8	124	13.7
	18	98.7	14.8	106	14.7	112	14.6	114	14.6	116	14.6	120	14.5	122	14.4
	20	97.6	15.4	104	15.4	110	15.3	113	15.3	115	15.2	118	15.2	120	15.1
	21	97.0	15.7	104	15.7	109	15.6	112	15.6	114	15.6	117	15.5	119	15.5
	23	95.9	16.4	103	16.3	108	16.3	110	16.3	112	16.3	115	16.3	118	16.2
	25	94.8	17.0	101	17.0	107	17.0	109	17.0	111	17.0	113	17.0	116	17.0
	27	93.6	17.7	100	17.7	105	17.7	107	17.7	109	17.7	112	17.7	114	17.7
	29	92.6	18.3	98.8	18.3	104	18.3	106	18.4	107	18.4	110	18.4	112	18.4
	31	91.7	18.9	97.6	19.0	102	19.0	104	19.0	106	19.1	108	19.1	110	19.1
	33	90.8	19.6	96.5	19.6	101	19.7	102	19.7	104	19.7	106	19.8	108	19.9
	35	89.9	20.2	95.4	20.3	99.4	20.4	101	20.4	102	20.4	104	20.5	106	20.6
	37	89.9	21.6	95.4	21.6	99.4	21.6	101	21.6	102	21.6	104	21.6	106	21.5
	39	89.9	23.5	95.4	23.4	99.4	23.3	101	23.3	102	23.3	104	23.3	106	23.3
50%	10	83.1	10.1	92.1	9.96	97.4	9.97	99.7	10.0	102	10.1	105	10.3	108	10.7
	12	82.8	10.3	91.1	10.2	96.3	10.2	98.6	10.2	101	10.2	104	10.4	106	10.6
	14	82.7	10.6	90.1	10.5	95.2	10.4	97.4	10.4	99.4	10.5	103	10.5	105	10.7
	16	82.7	11.0	89.1	10.8	94.1	10.8	96.2	10.7	98.2	10.7	101	10.8	103	10.8
	18	82.2	11.4	88.1	11.2	93.0	11.1	95.0	11.1	96.9	11.1	99.9	11.1	102	11.1
	20	81.3	11.8	87.1	11.7	91.8	11.6	93.8	11.5	95.6	11.5	98.4	11.4	100	11.4
	21	80.9	12.1	86.6	12.0	91.2	11.8	93.2	11.8	95.0	11.7	97.6	11.6	99.5	11.6
	23	79.9	12.7	85.5	12.5	90.1	12.4	92.0	12.3	93.6	12.3	96.1	12.1	97.9	12.0
	25	79.0	13.3	84.4	13.1	88.9	13.0	90.7	12.9	92.3	12.8	94.6	12.7	96.4	12.6
	27	78.0	14.0	83.4	13.8	87.7	13.7	89.4	13.6	90.9	13.5	93.0	13.4	94.9	13.2
	29	77.1	14.7	82.3	14.5	86.4	14.4	88.1	14.3	89.5	14.2	91.5	14.1	93.3	13.9
	31	76.1	15.5	81.2	15.3	85.2	15.2	86.8	15.1	88.1	15.0	89.9	14.9	91.8	14.7
	33	75.1	16.3	80.1	16.2	83.9	16.0	85.4	16.0	86.6	15.9	88.4	15.8	90.2	15.6
	35	74.1	17.2	78.9	17.1	82.6	16.9	84.0	16.9	85.1	16.8	86.9	16.7	88.7	16.6
	37	74.1	18.9	78.9	18.9	82.6	19.0	84.0	19.0	85.1	19.0	86.9	19.0	88.7	19.0
	39	74.1	20.5	78.9	20.5	82.6	20.5	84.0	20.5	85.1	20.5	86.9	20.5	88.7	20.5
40%	10	66.5	6.95	72.5	6.76	75.9	6.57	77.5	6.48	79.2	6.38	82.4	6.19	85.3	6.00
	12	66.3	7.36	71.6	7.17	75.0	6.99	76.6	6.90	78.2	6.81	81.3	6.63	84.0	6.45
	14	66.1	7.76	70.8	7.59	74.2	7.42	75.8	7.33	77.3	7.24	80.2	7.07	82.6	6.89
	16	65.9	8.17	70.0	8.01	73.3	7.84	74.9	7.76	76.4	7.67	79.1	7.51	81.4	7.34
	18	65.5	8.58	69.2	8.42	72.5	8.26	74.1	8.18	75.5	8.10	78.0	7.94	80.1	7.78
	20	64.6	8.99	68.4	8.84	71.7	8.69	73.2	8.61	74.6	8.53	76.9	8.38	78.9	8.23
	21	64.2	9.19	68.0	9.04	71.3	8.90	72.8	8.82	74.2	8.75	76.4	8.60	78.3	8.45
	23	63.4	9.60	67.2	9.46	70.6	9.32	72.0	9.25	73.3	9.18	75.3	9.04	77.1	8.90
	25	62.6	10.0	66.5	9.88	69.8	9.74	71.2	9.68	72.4	9.61	74.3	9.48	75.9	9.34
	27	61.8	10.4	65.8	10.3	69.0	10.2	70.4	10.1	71.5	10.0	73.3	9.91	74.8	9.79
	29	61.0	10.8	65.1	10.7	68.3	10.6	69.6	10.5	70.6	10.5	72.3	10.4	73.7	10.2
	31	60.3	11.2	64.4	11.1	67.6	11.0	68.8	11.0	69.8	10.9	71.3	10.8	72.6	10.7
	33	59.6	11.6	63.7	11.5	66.8	11.4	68.0	11.4	68.9	11.3	70.3	11.2	71.5	11.1
	35	58.9	12.1	63.0	12.0	66.1	11.9	67.2	11.8	68.0	11.8	69.3	11.7	70.4	11.6
	37	58.9	15.0	63.0	15.0	66.1	14.9	67.2	14.9	68.0	14.9	69.3	14.9	70.4	14.8
	39	58.9	16.2	63.0	16.1	66.1	16.1	67.2	16.1	68.0	16.0	69.3	16.0	70.4	15.9
30%	10	53.5	4.85	55.9	4.67	58.9	4.49	60.6	4.40	62.5	4.31	66.7	4.13	71.4	3.95
	12	52.6	5.17	55.1	4.99	58.1	4.81	59.8	4.72	61.7	4.64	65.7	4.46	70.3	4.28
	14	51.7	5.48	54.3	5.31	57.3	5.14	59.0	5.05	60.8	4.96	64.8	4.79	69.3	4.62
	16	50.8	5.79	53.5	5.63	56.5	5.46	58.2	5.37	60.0	5.29	63.9	5.12	68.2	4.95
	18	50.0	6.11	52.6	5.94	55.7	5.78	57.4	5.70	59.1	5.62	62.9	5.45	67.1	5.29
	20	49.1	6.42	51.8	6.26	54.9	6.10	56.5	6.02	58.3	5.94	62.0	5.78	66.1	5.62
	21	48.6	6.58	51.4	6.42	54.5	6.26	56.1	6.18	57.9	6.11	61.6	5.95	65.6	5.79
	23	47.7	6.89	50.6	6.74	53.7	6.58	55.3	6.51	57.0	6.43	60.6	6.28	64.5	6.13
	25	46.8	7.20	49.7	7.06	52.9	6.91	54.5	6.83	56.2	6.76	59.7	6.61	63.4	6.46
	27	45.9	7.52	48.9	7.37	52.1	7.23	53.7	7.16	55.3	7.09	58.8	6.94	62.4	6.80
	29	45.1	7.83	48.1	7.69	51.2	7.55	52.9	7.48	54.5	7.41	57.9	7.27	61.3	7.13
	31	44.2	8.14	47.3	8.01	50.4	7.87	52.0	7.81	53.7	7.74	56.9	7.60	60.3	7.47
	33	43.3	8.46	46.5	8.33	49.6	8.20	51.2	8.13	52.8	8.06	56.0	7.93	59.2	7.80
	35	42.4	8.77	45.6	8.65	48.8	8.52	50.4	8.45	52.0	8.39	55.1	8.26	58.1	8.14
	37	42.4	11.1	45.6	11.1	48.8	11.0	50.4	10.9	52.0	10.9	55.1	10.8	58.1	10.7
	39	42.4	12.0	45.6	11.9	48.8	11.8	50.4	11.7	52.0	11.7	55.1	11.6	58.1	11.5

TC: Total capacity: kW
PI: Power input: kW (Compressor+Outdoor fan motor)
Capacity ratio
130-100%: Combination ratio (Total capacity index of indoor units / Capacity index of outdoor units)
90-30%: Part load ratio (Operation capacity / 100% combination capacity)
Notes: 1. This table shows the average value of conditions which may occur.
2. ▭ shows rated condition.

9.2 Capacity Correction Factor
RXQ6AYM / RXQ8AYM

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ6, 8A RXUQ8A RXQ6, 8T RWHQ6, 8T RQQ6, 8T	φ 19.1	φ 9.5

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ9.5	φ12.7	φ19.1	φ22.2
Minimum Wall Thickness	0.80	0.80	0.80	0.80

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.

     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit

   - Condition: Indoor unit combination ratio exceeds 100%.

     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ6, 8A RXUQ8A RXQ6, 8T RWHQ6, 8T RQQ6, 8T	φ 22.2	φ 12.7

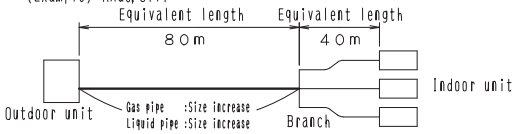
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

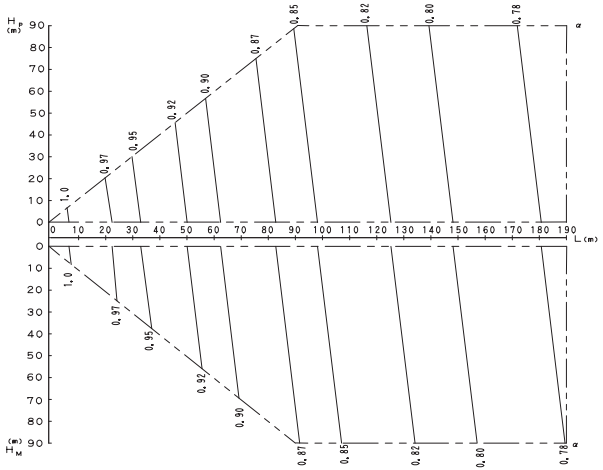
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

(Example) RXQ6, 8TY1



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rate of change in cooling capacity when Hp=0m is thus approximately 0.86

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
Hm : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ10A RXUQ10A RXQ10T RWHQ10T RQQ10T	φ 22.2	φ 9.5

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ9.5	φ12.7	φ22.2	φ25.4
Minimum Wall Thickness	0.80	0.80	0.80	0.88

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ10A RXUQ10A RXQ10T RWHQ10T RQQ10T	φ 25.4 ✱	φ 12.7

✱ If available on the site, use this size. Otherwise, not increased.

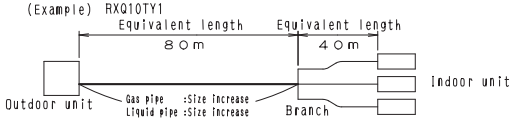
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

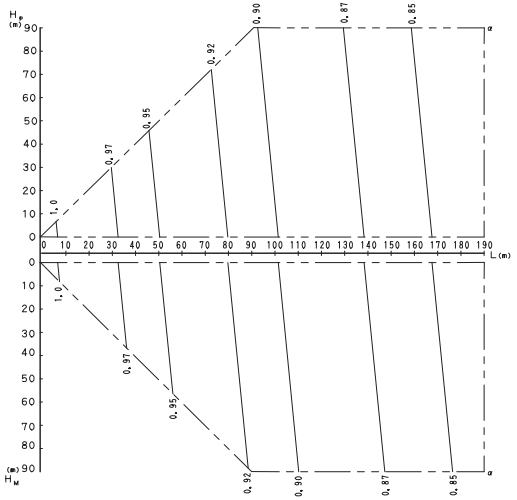
(Example) RXQ10TY1



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085302F
EDRMT341773

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ12, 14A RXUQ12, 14A RXQ12, 14T RWHQ12, 14T RQQ12, 14T	φ 28.6	φ 12.7
RXQ24A RXUQ24A RXQ24T RWHQ24T RQQ24T	φ 34.9	φ 15.9
RXQ36A RXUQ36A RXQ36T RWHQ36T RQQ36T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type				
Outer diameter	φ 12.7	φ 15.9	φ 19.1	φ 22.2	φ 28.6	φ 34.9	φ 41.3
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid	Model	gas	liquid
RXQ12, 14A RXUQ12, 14A RXQ12, 14T RWHQ12, 14T RQQ12, 14T	Not Increased	φ 15.9	RXQ36A RXUQ36A RXQ36T RWHQ36T RQQ36T	Not Increased	φ 22.2
RXQ24A RXUQ24A RXQ24T RWHQ24T RQQ24T		φ 19.1			

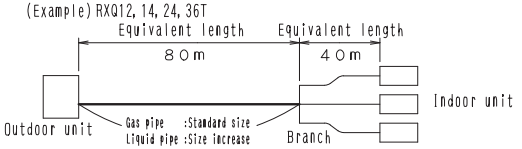
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase 12=14HP	Size increase 24=36HP
Cooling (gas pipe)	1.0		

(Example) RXQ12, 14, 24, 36T



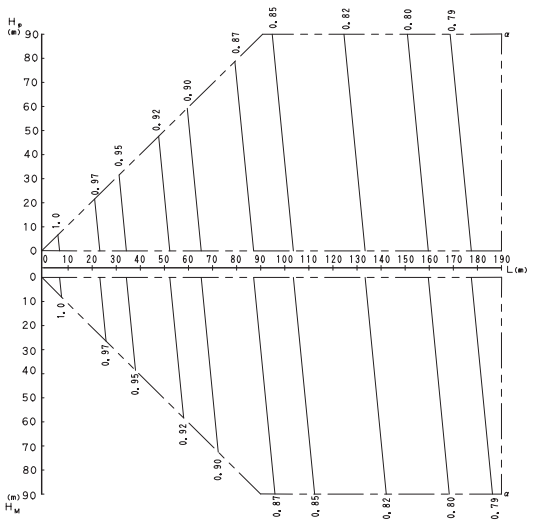
In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085303D

RXQ16AYM

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

Hm : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ16A RXUQ16A RXQ16T RWHQ16T RQQ16T	φ 28.6	φ 12.7

[Temper grade and Thickness]

Temper grade	O Type		1/2H Type	
Outer diameter	φ 12.7	φ 15.9	φ 28.6	φ 31.8
Minimum Wall Thickness	0.80	0.99	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ16A RXUQ16A RXQ16T RWHQ16T RQQ16T	φ 31.8✱	φ 15.9

✱ If available on the site, use this size. Otherwise, not increased.

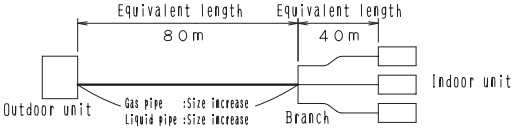
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

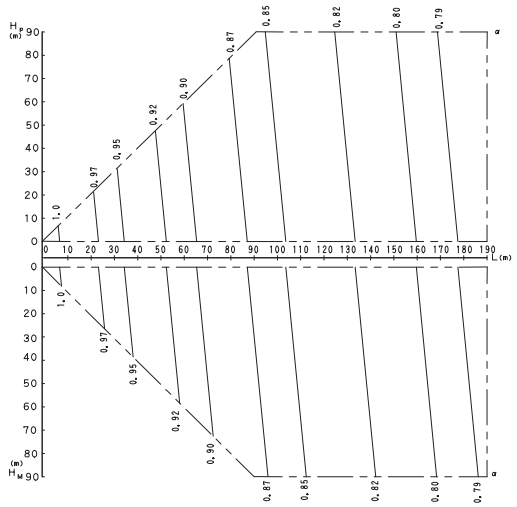
(Example) RXQ16T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.88

3D085305D

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ18A RXUQ18A RXQ18T RWHQ18T RQQ18T	φ28.6	φ15.9
RXQ26, 28, 30A RXUQ26, 28, 30A RXQ26, 28, 30T RWHQ26, 28, 30T RQQ26, 28, 30T	φ34.9	φ19.1
RXQ38, 40, 42, 44A RXUQ38, 40, 42, 44A RXQ38, 40, 42, 44T RWHQ38, 40, 42, 44T RQQ38, 40, 42, 44T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type						
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1	φ41.3
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid	Model	gas	liquid
RXQ18A RXUQ18A RXQ18T RWHQ18T RQQ18T	φ31.8✱	φ19.1	RXQ38, 40, 42, 44A RXUQ38, 40, 42, 44A RXQ38, 40, 42, 44T RWHQ38, 40, 42, 44T RQQ38, 40, 42, 44T	Not Increased	φ22.2
RXQ26, 28, 30A RXUQ26, 28, 30A RXQ26, 28, 30T RWHQ26, 28, 30T RQQ26, 28, 30T	φ38.1✱	φ22.2			

✱ If available on the site, use this size. Otherwise, not increased.

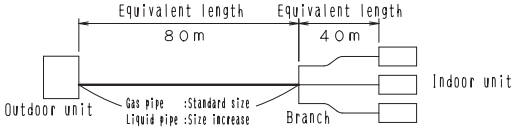
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		18, 26, 28, 30 Hp	38, 40, 42, 44 Hp
Cooling (gas pipe)	1.0	0.5	

(Example) RXQ18, 26, 28, 30, 38, 40, 42, 44T

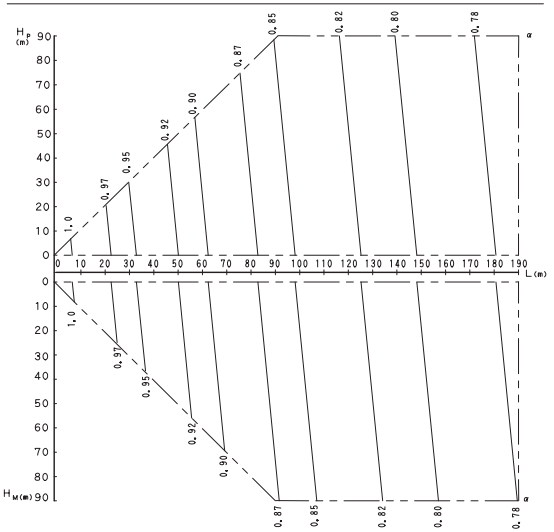


In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

3D085308D

1. Rate of change in cooling capacity



[Explanation of symbols]
HP : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ20A RXUQ20A RXQ20T RWHQ20T RQQ20T	φ28.6	φ15.9
RXQ32,34A RXUQ32,34A RXQ32,34T RWHQ32,34T RQQ32,34T	φ34.9	φ19.1

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type					
Outer diameter	φ15.9	φ19.1	φ22.2	φ28.6	φ31.8	φ34.9	φ38.1
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10	1.21	1.32

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

Calculating A/C capacity of outdoor units

• Condition: Indoor unit combination ratio does not exceed 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
X Capacity change rate due to piping length to the farthest indoor unit

• Condition: Indoor unit combination ratio exceeds 100%.

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
[Diameter of above case]

Model	gas	liquid	Model	gas	liquid
RXQ20A RXUQ20A RXQ20T RWHQ20T RQQ20T	φ31.8※	φ19.1	RXQ32,34A RXUQ32,34A RXQ32,34T RWHQ32,34T RQQ32,34T	φ38.1※	φ22.2

※ If available on the site, use this size. Otherwise, not increased.

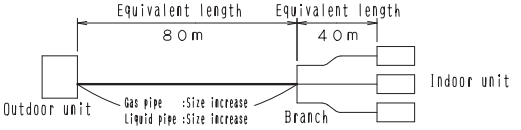
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

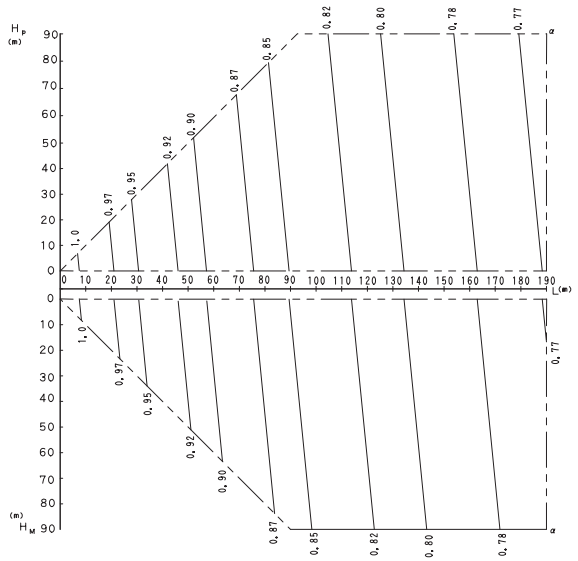
(Example) RXQ20, 32, 34T



In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.87

3D085311D

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ22A RXUQ22A RXQ22T RWHQ22T RQQ22T	φ 28.6	φ 15.9

[Temper grade and Thickness]

Temper grade	O Type	1/2H Type		
Outer diameter	φ15.9	φ19.1	φ28.6	φ31.8
Minimum Wall Thickness	0.99	0.80	0.99	1.10

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ22A RXUQ22A RXQ22T RWHQ22T RQQ22T	φ 31.8※	φ 19.1

※ If available on the site, use this size. Otherwise, not increased.

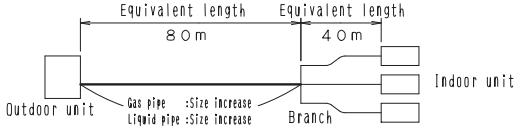
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5

(Example) RXQ22T



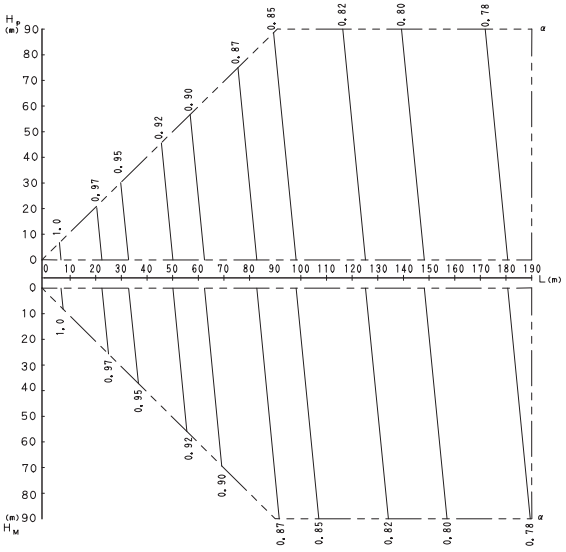
In the above case
(Cooling) Overall equivalent length=80m×0.5+40m=80m

The rete of change in cooling capacity when Hp=0m is thus approximately 0.86

3D085310D

EDRMT341773

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ46A RXUQ46A RXQ46T RWHQ46T RQQ46T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   • Condition: Indoor unit combination ratio does not exceed 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit
   • Condition: Indoor unit combination ratio exceeds 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ46A RXUQ46A RXQ46T RWHQ46T RQQ46T	Not Increased	φ22.2

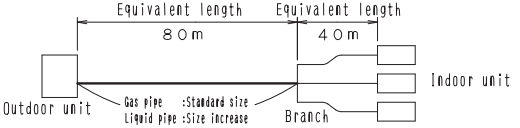
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

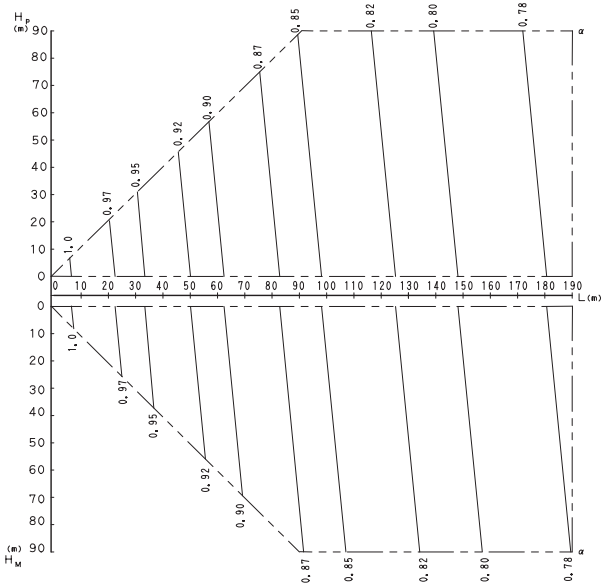
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ46T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ48A RXUQ48A RXQ48T RWHQ48T RQQ48T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ48A RXUQ48A RXQ48T RWHQ48T RQQ48T	Not Increased	φ 22.2

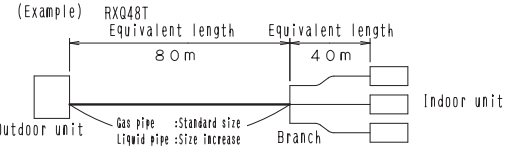
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

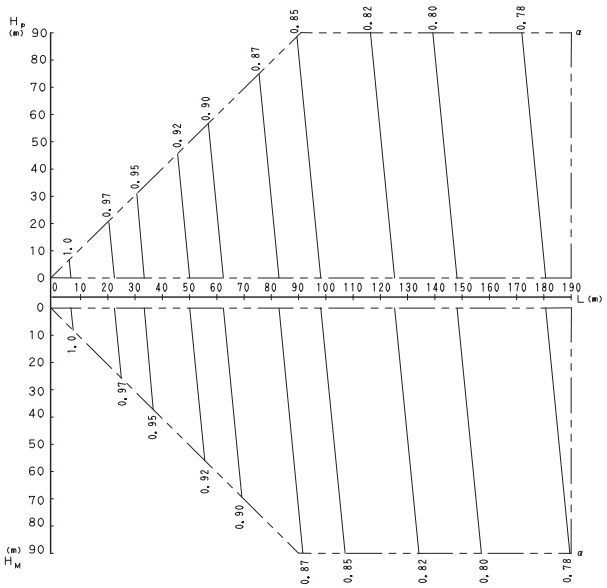
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ48T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ50A RXUQ50A RXQ50T RWHQ50T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ50A RXUQ50A RXQ50T RWHQ50T	Not Increased	φ 22.2

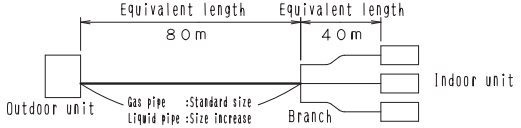
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

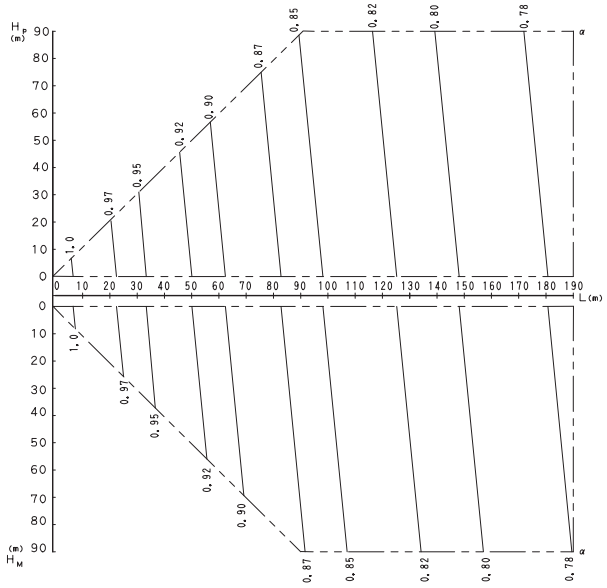
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ50T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

1. Rate of change in cooling capacity



[Explanation of symbols]

Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position

HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position

L : Equivalent pipe length(m)

α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ52A RXUQ52A RXQ52T RWHQ52T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ52A RXUQ52A RXQ52T RWHQ52T	Not Increased	φ 22.2

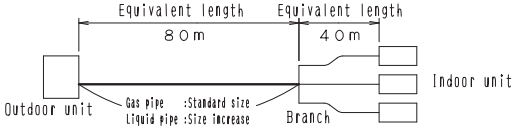
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

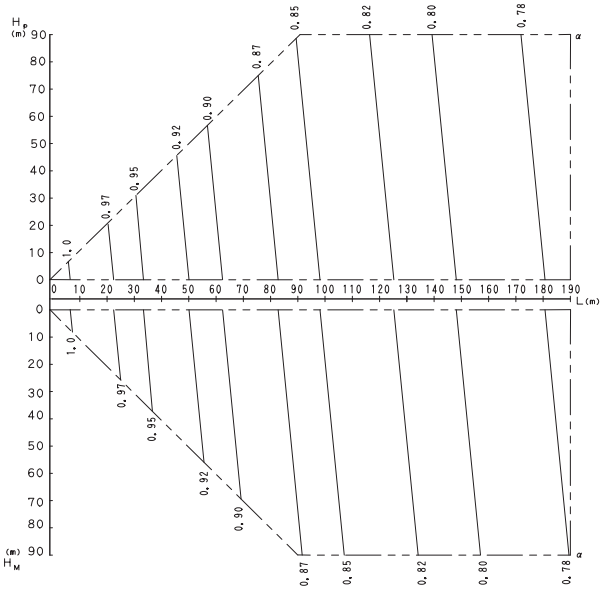
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ52T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ54A RXUQ54A RXQ54T RWHQ54T	φ41.3	φ19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   • Condition: Indoor unit combination ratio does not exceed 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit
   • Condition: Indoor unit combination ratio exceeds 100%.
   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ54A RXUQ54A RXQ54T RWHQ54T	Not Increased	φ22.2

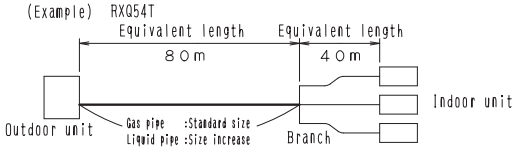
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

Overall equivalent length=
(Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

Choose a correction factor from the following table.
When cooling capacity is calcurated: gas pipe size

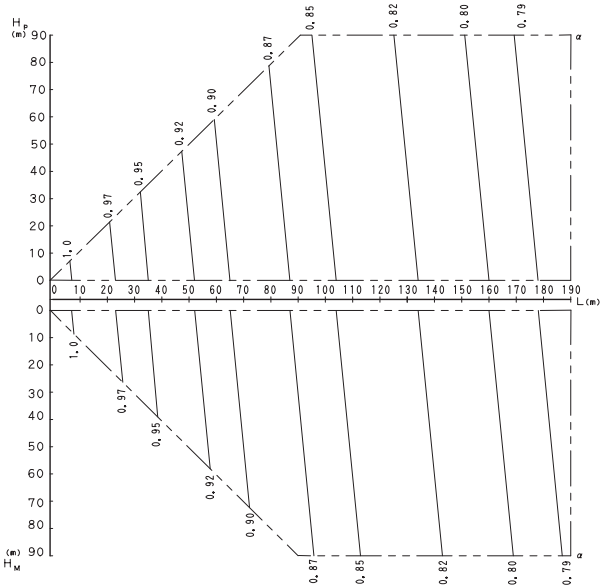
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ54T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.82

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ56, 58A RXUQ56, 58A RXQ56, 58T RWHQ56, 58T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.
   Calculating A/C capacity of outdoor units
   - Condition: Indoor unit combination ratio does not exceed 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
     X Capacity change rate due to piping length to the farthest indoor unit
   - Condition: Indoor unit combination ratio exceeds 100%.
     Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
     X Capacity change rate due to piping length to the farthest indoor unit
4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ56, 58A / RXUQ56, 58A RXQ56, 58T / RWHQ56, 58T	Not Increased	φ 22.2

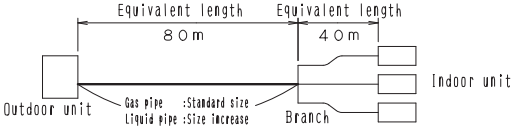
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length= (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

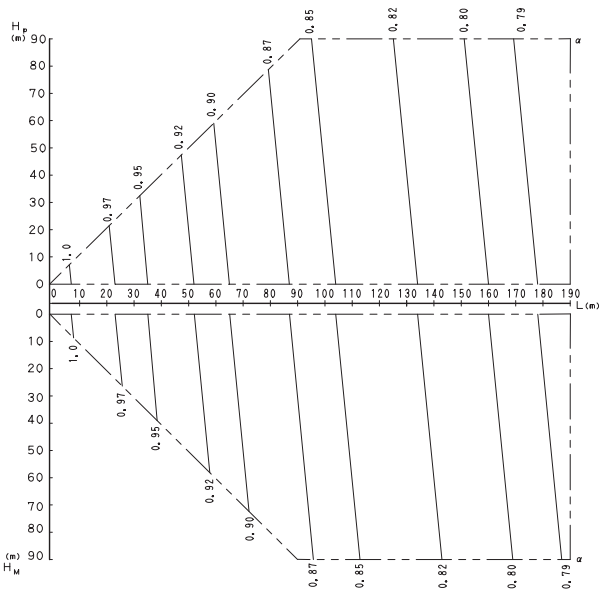
Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

(Example) RXQ56/58T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

1. Rate of change in cooling capacity



[Explanation of symbols]
Hp : Level difference(m)between indoor and outdoor units where indoor unit in inferior position
HM : Level difference(m)between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length(m)
α : Rate of change in cooling Capacity

[Diameter of the main pipes(standard size)]

Model	gas	liquid
RXQ60A RXUQ60A RXQ60T RWHQ60T	φ 41.3	φ 19.1

[Temper grade and Thickness]

Temper grade	1/2H Type		
Outer diameter	φ19.1	φ22.2	φ41.3
Minimum Wall Thickness	0.80	0.80	1.43

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum)under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling is carried out.
3. Method of calculating A/C capacity:
   The maximum A/C capacity of the system will be either the total A/C capacity of the indoor units obtained from capacity characteristic table or the maximum A/C capacity of outdoor units as mentioned below, whichever smaller.

   Calculating A/C capacity of outdoor units

   • Condition: Indoor unit combination ratio does not exceed 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the 100% combination
   X Capacity change rate due to piping length to the farthest indoor unit

   • Condition: Indoor unit combination ratio exceeds 100%.

   Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination
   X Capacity change rate due to piping length to the farthest indoor unit

4. When overall equivalent pipe length is 90m or more, the diameter of the main gas and liquid pipes (outdoor unit-branch sections) must be increased.
   When level difference is 50m or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
   [Diameter of above case]

Model	gas	liquid
RXQ60A / RXUQ60A RXQ60T / RWHQ60T	Not Increased	φ 22.2

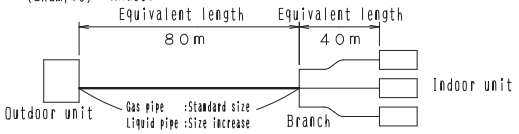
5. Read cooling capacity rate of change in the above figures based on the following equivalent length.

   Overall equivalent length=
   (Equivalent length to main pipe)×Correction factor+(Equivalent length after branching)

   Choose a correction factor from the following table.
   When cooling capacity is calcurated: gas pipe size

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	

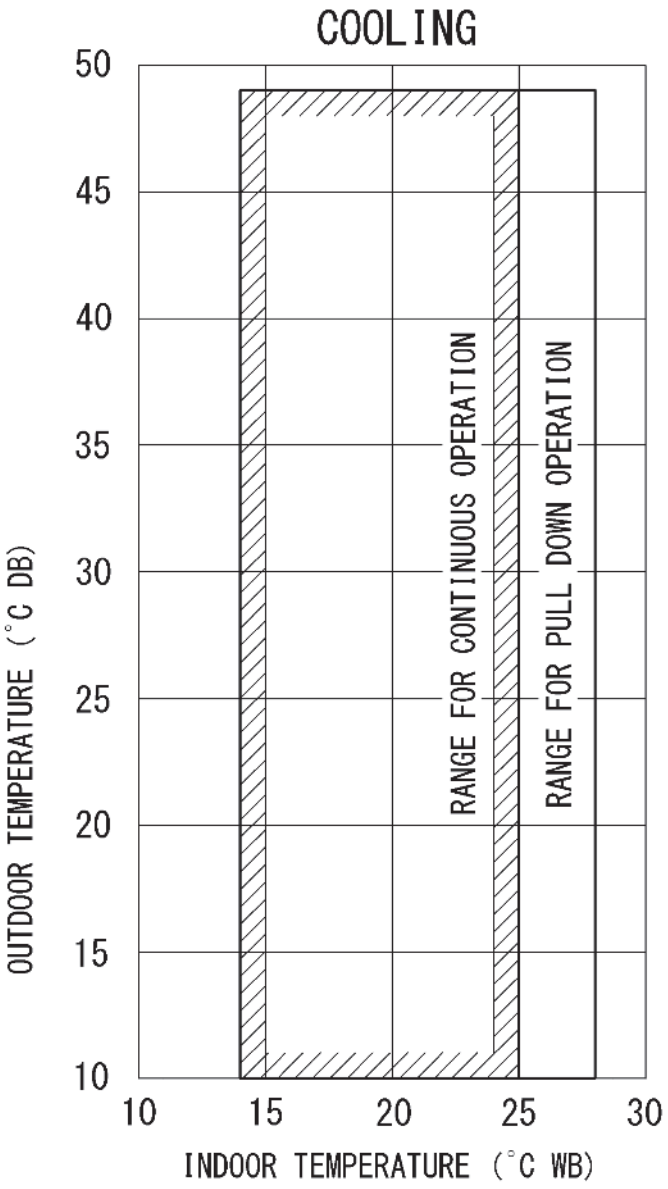
(Example) RXQ60T



In the above case
(Cooling) Overall equivalent length=80m×1.0+40m=120m
The rete of change in cooling capacity when Hp=0m is thus approximately 0.83

10.Operation Limits

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM / RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM / RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM / RXQ26AMYM / RXQ28AMYM / RXQ30AMYM / RXQ32AMYM / RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM / RXQ42AMYM / RXQ44AMYM / RXQ46AMYM / RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM



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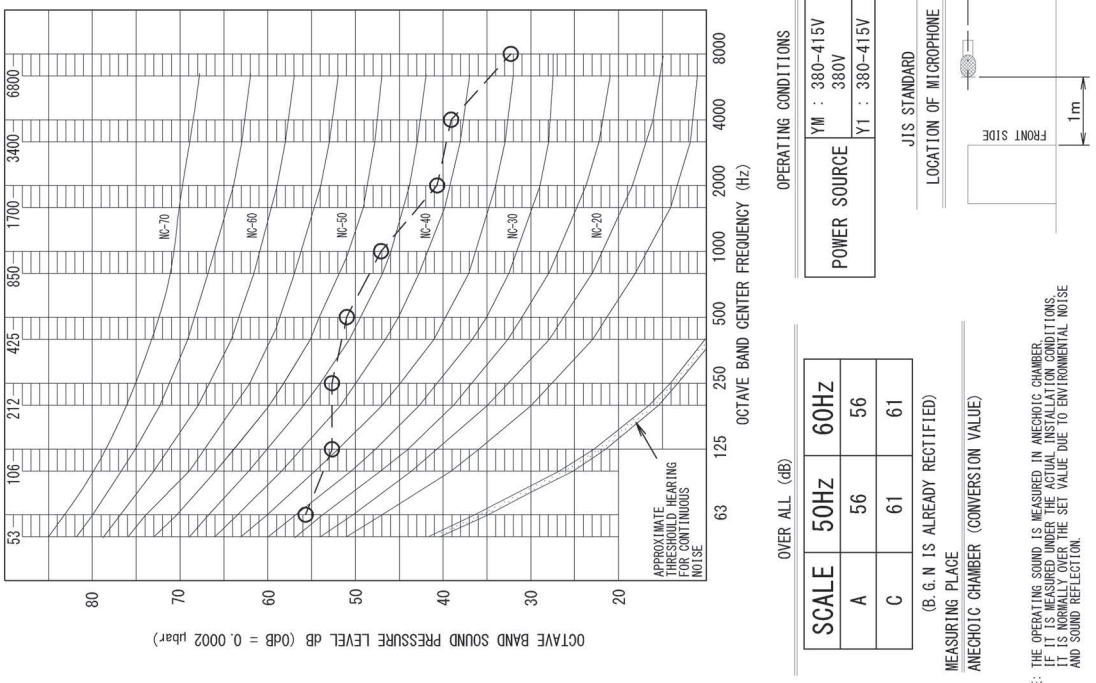
11.Sound Levels

RXQ6AYM



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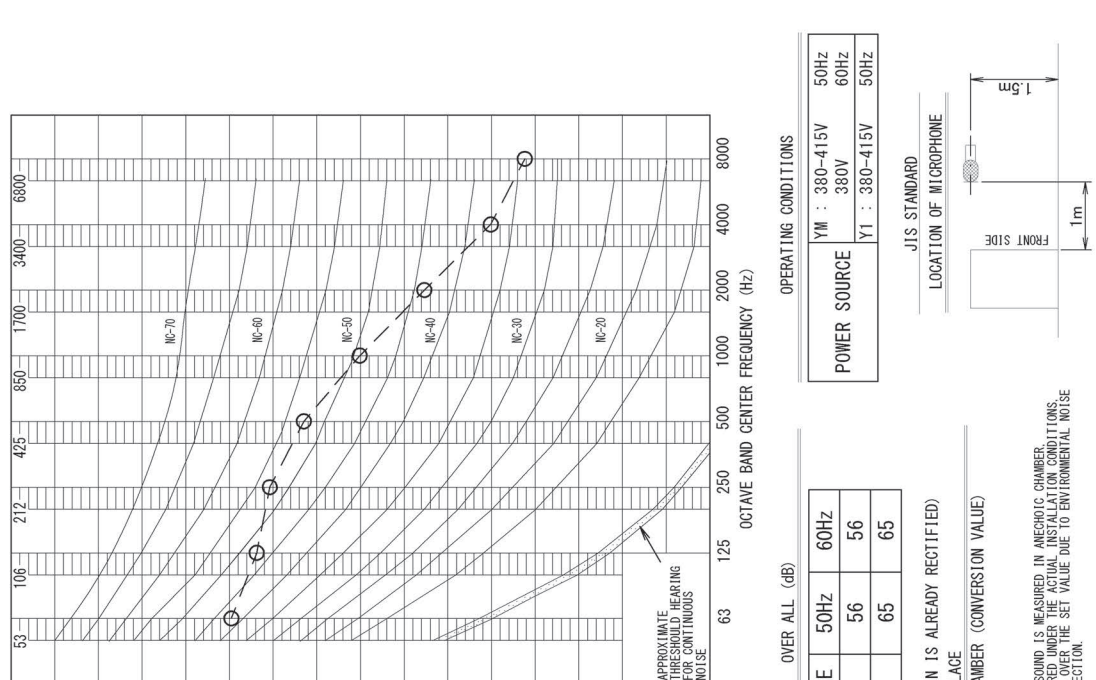
RXQ8AYM



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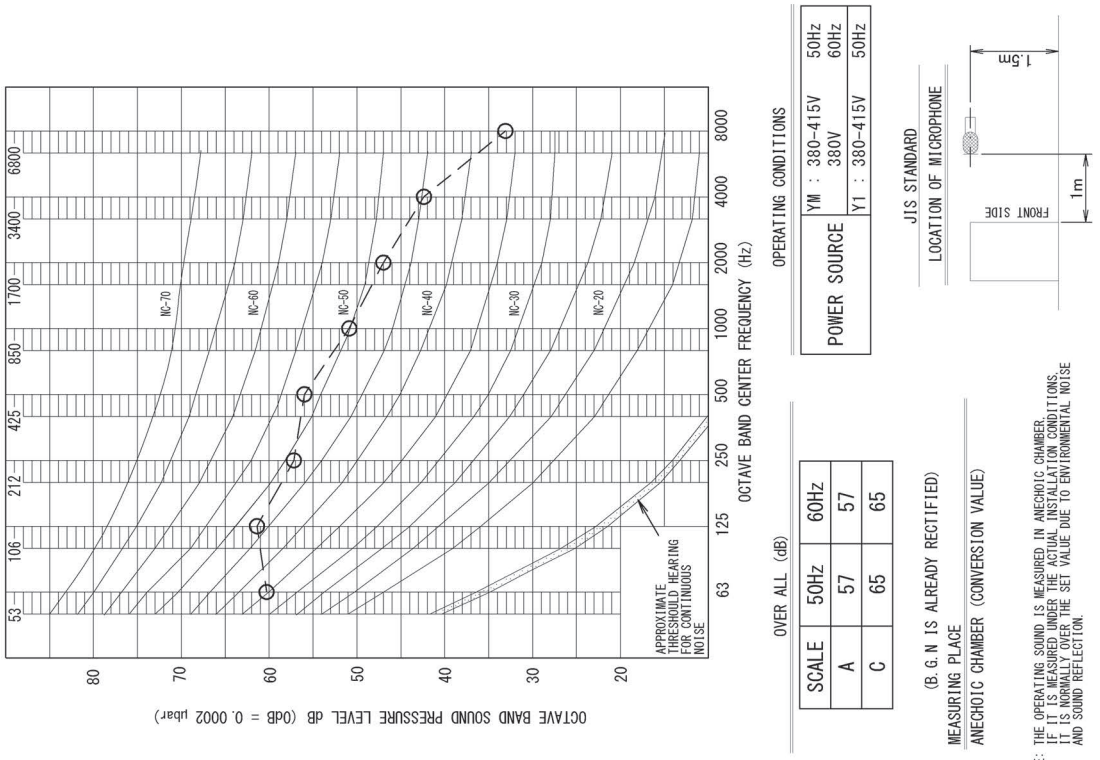
RXQ10AYM



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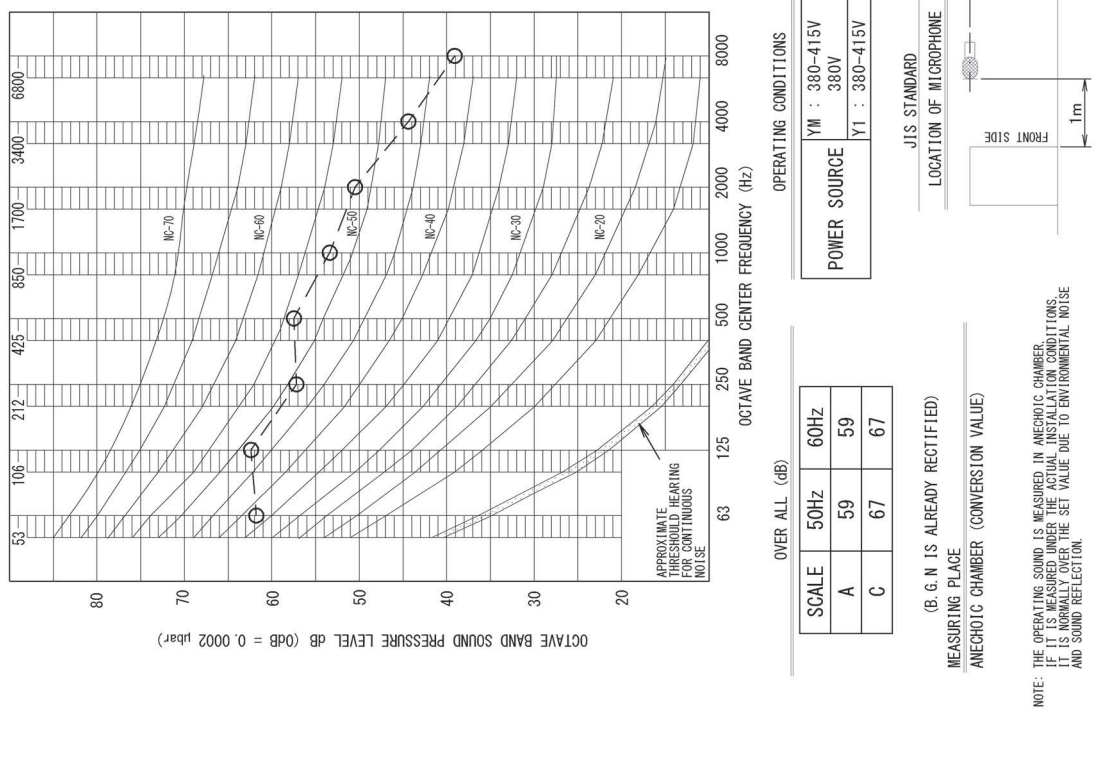
RXQ12AYM



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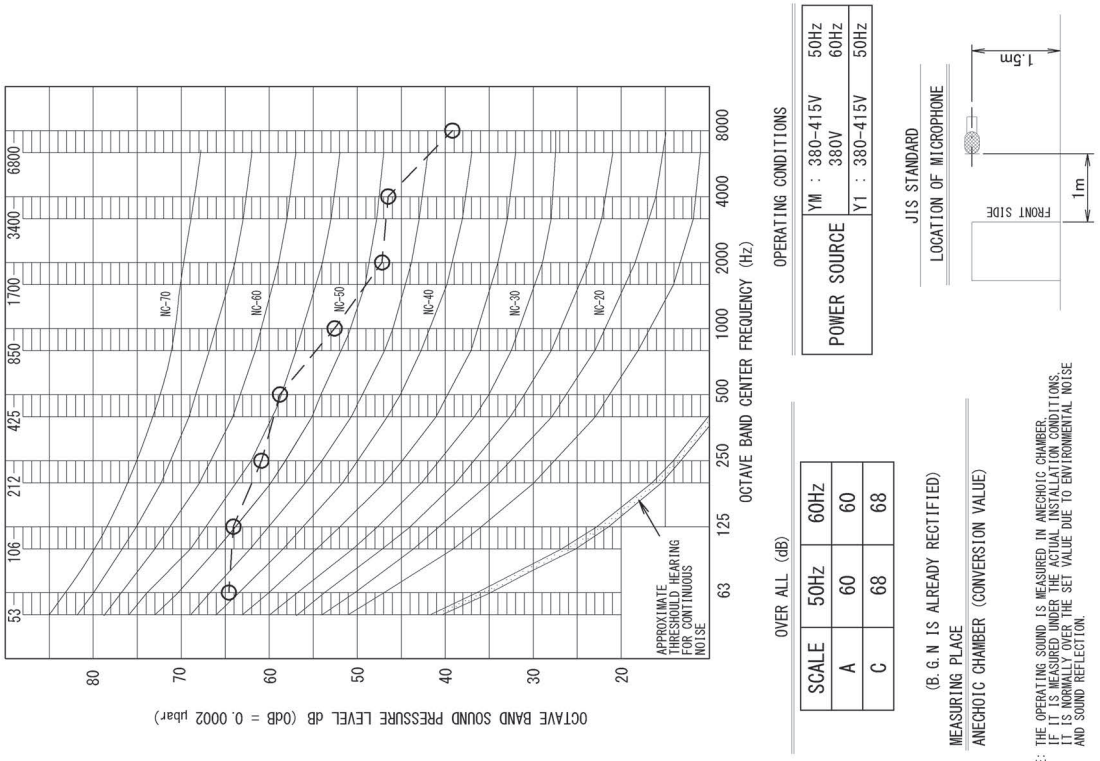
RXQ14AYM



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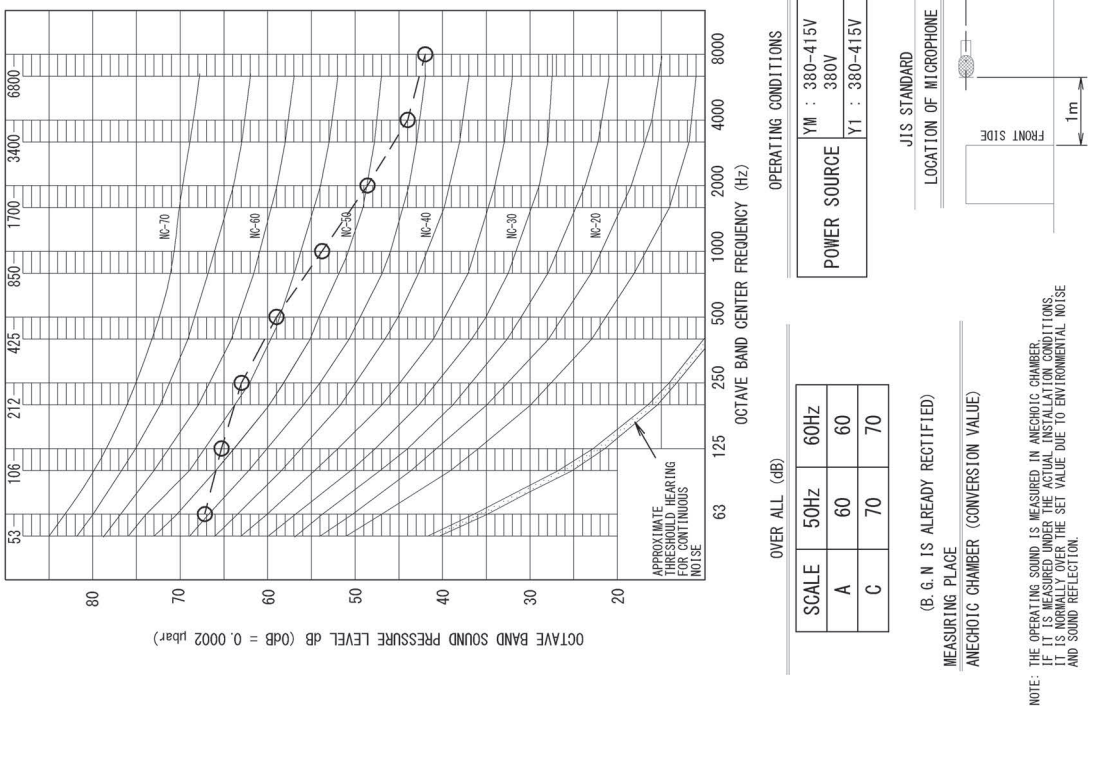
RXQ16AYM



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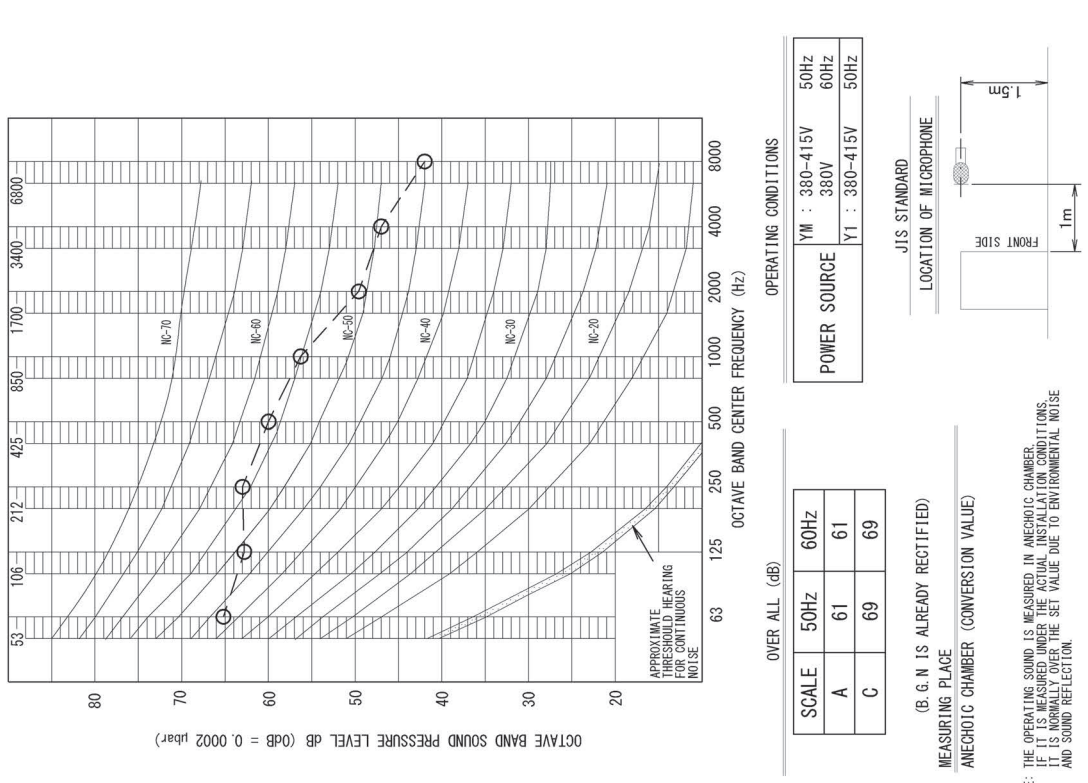
RXQ18AYM



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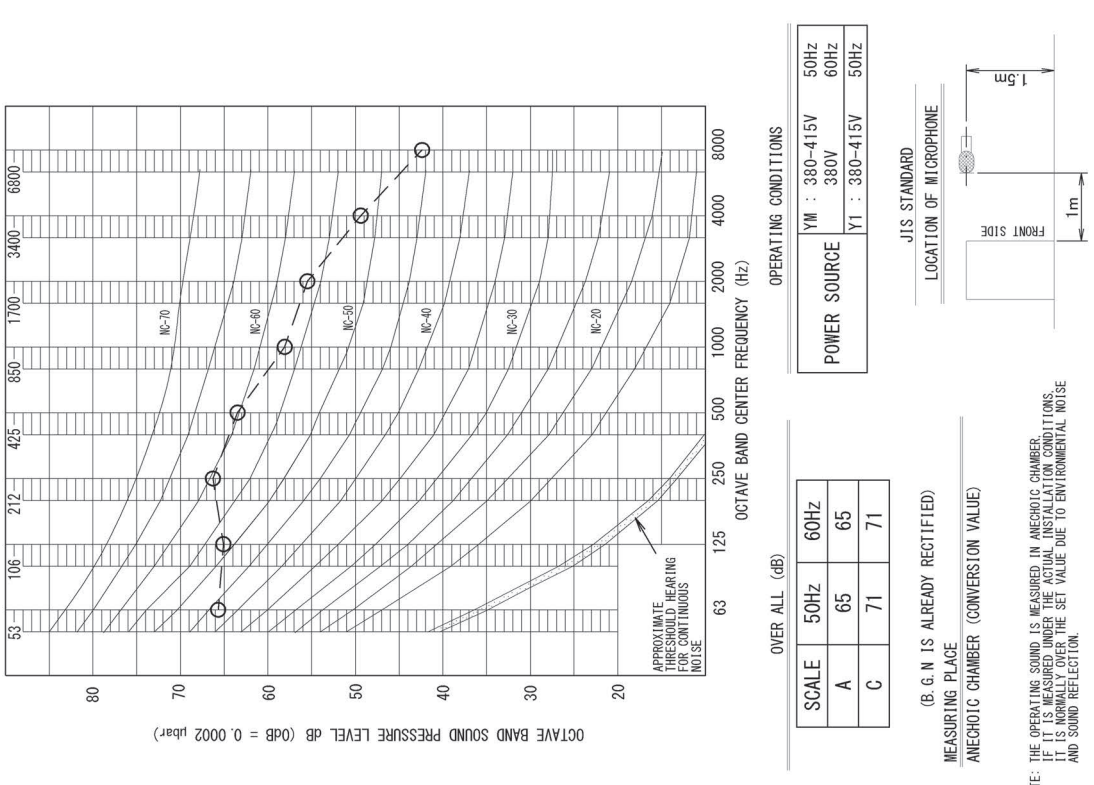
RXQ20AYM



4D112445

12.Optional Accessories

Optional accessories		RXQ6AYM	RXQ8AYM	RXQ10AYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H (Max. 4 branch) (Max. 8 branch)		
	REFNET joint	KHRP26A22T, KHRP26A33T		
Option printed circuit board	DIII-NET expand adaptor	DTA109A51		
	External control adaptor	DTA104A61		
	Home Automation Interface Adaptor	DTA116A51		

C: 3D111833

Optional accessories		RXQ12AYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T
Option printed circuit board	DIII-NET expand adaptor	DTA109A51
	External control adaptor	DTA104A61
	Home Automation Interface Adaptor	DTA116A51

C: 3D111833

Optional accessories		RXQ14AYM	RXQ16AYM	RXQ18AYM	RXQ20AYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)			
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T			
Option printed circuit board	DIII-NET expand adaptor	DTA109A51			
	External control adaptor	DTA104A61			
	Home Automation Interface Adaptor	DTA116A51			
	Option plate for control adaptor	BKS26A ★1			

C: 3D111833

Optional accessories		RXQ18AMYM	RXQ20AMYM	RXQ22AMYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch)		
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T		
Outdoor unit multi connection piping kit		BHFP22P100		
Option printed circuit board	DIII-NET expand adaptor	DTA109A51		
	External control adaptor	DTA104A61		
	Home Automation Interface Adaptor	DTA116A51		

C: 3D111833

Optional accessories		RXQ24AMYM	RXQ26AMYM	RXQ28AMYM	RXQ30AMYM	RXQ32AMYM	RXQ34AMYM	RXQ36AMYM	RXQ38AMYM	RXQ40AMYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)								
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T								
Pipe size reducer		KHRP26M73TP, KHRP26M73HP								
Outdoor unit multi connection piping kit		BHFP22P100								
Option printed circuit board	DIII-NET expand adaptor	DTA109A51								
	External control adaptor	DTA104A61								
	Home Automation Interface Adaptor	DTA116A51								
	Option plate for control adaptor	–				BKS26A ★1				

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Optional accessories		RXQ42AMYM	RXQ44AMYM	RXQ46AMYM	RXQ48AMYM	RXQ50AMYM	RXQ52AMYM	RXQ54AMYM	RXQ56AMYM	RXQ58AMYM	RXQ60AMYM
Distributive Piping	REFNET header	KHRP26M22H, KHRP26M33H, KHRP26M72H, KHRP26M73H (Max. 4 branch) (Max. 8 branch) (Max. 8 branch) (Max. 8 branch)									
	REFNET joint	KHRP26A22T, KHRP26A33T, KHRP26A72T, KHRP26A73T									
Pipe size reducer		KHRP26M73TP, KHRP26M73HP									
Outdoor unit multi connection piping kit		BHFP22P151									
Option printed circuit board	DIII-NET expand adaptor	DTA109A51									
	External control adaptor	DTA104A61									
	Home Automation Interface Adaptor	DTA116A51									
	Option plate for control adaptor	–		BKS26A ★1							

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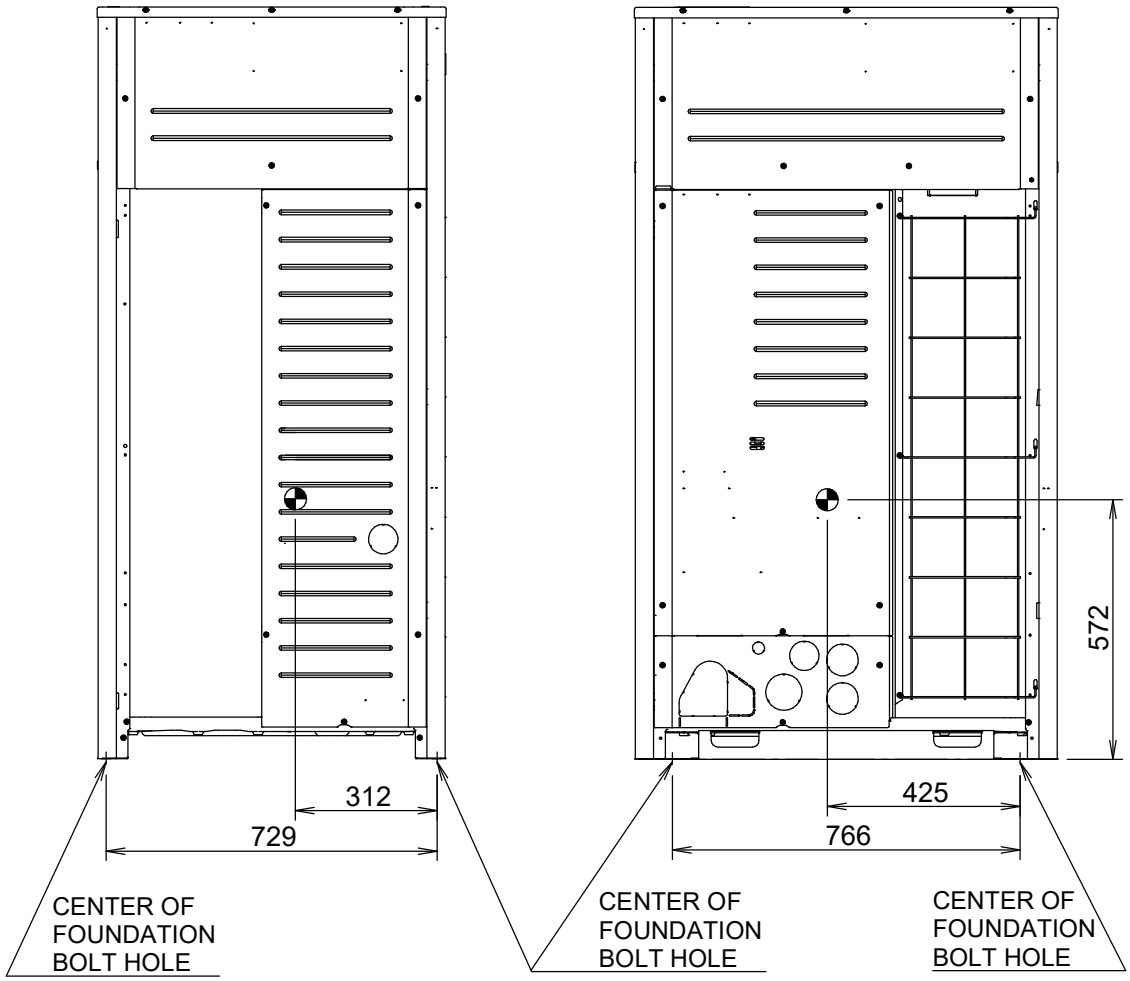
Note:

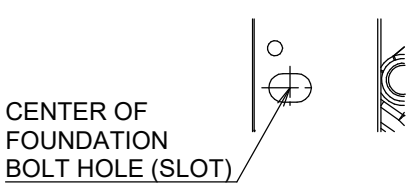
★1. This plate is necessary for DTA109A51, DTA104A61 and DTA116A51.

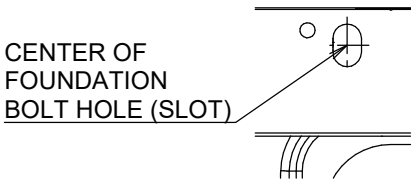
3. Installation

1. Centre of Gravity

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM







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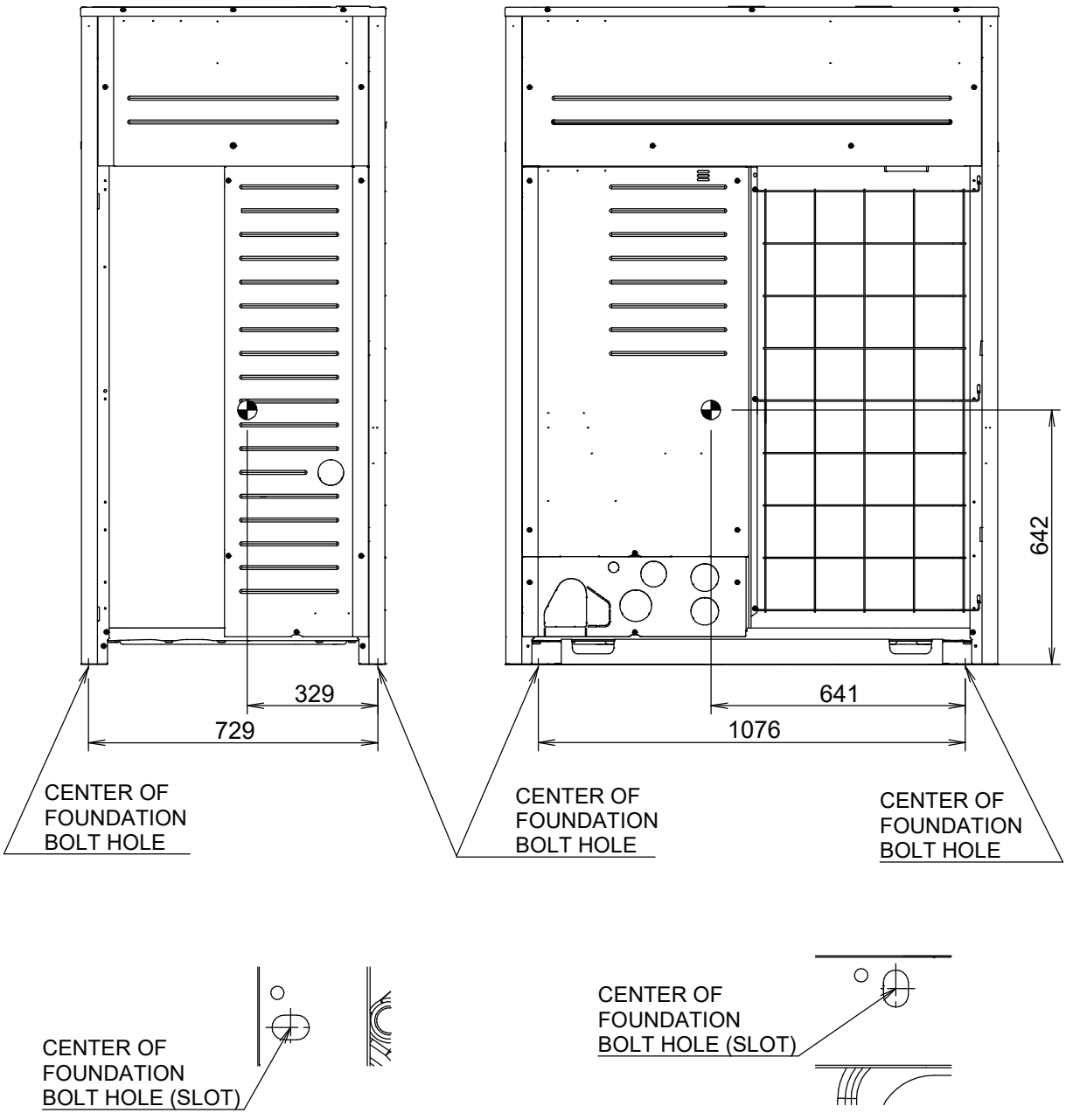
RXQ14AYM



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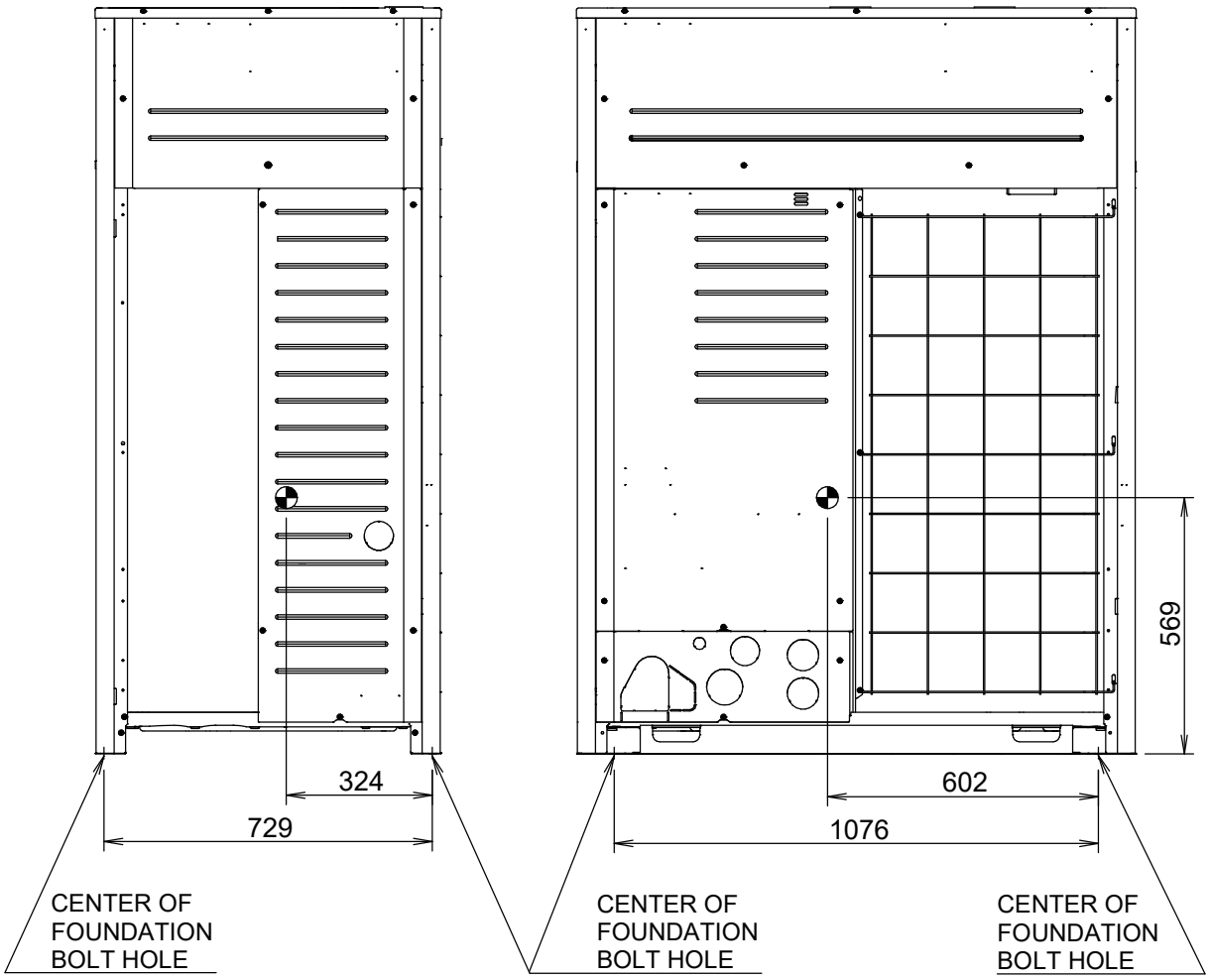
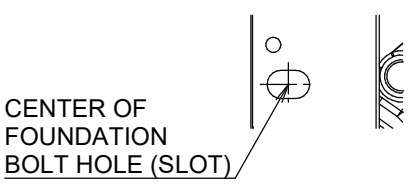
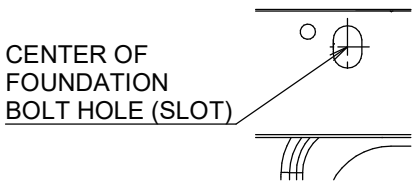
RXQ16AYM / RXQ18AYM / RXQ20AYM







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2. Foundation of Units

RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM / RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM / RXQ18AMYM / RXQ20AMYM / RXQ22AMYM / RXQ24AMYM / RXQ26AMYM / RXQ28AMYM / RXQ30AMYM / RXQ32AMYM / RXQ34AMYM / RXQ36AMYM / RXQ38AMYM / RXQ40AMYM / RXQ42AMYM / RXQ44AMYM / RXQ46AMYM / RXQ48AMYM / RXQ50AMYM / RXQ52AMYM / RXQ54AMYM / RXQ56AMYM / RXQ58AMYM / RXQ60AMYM

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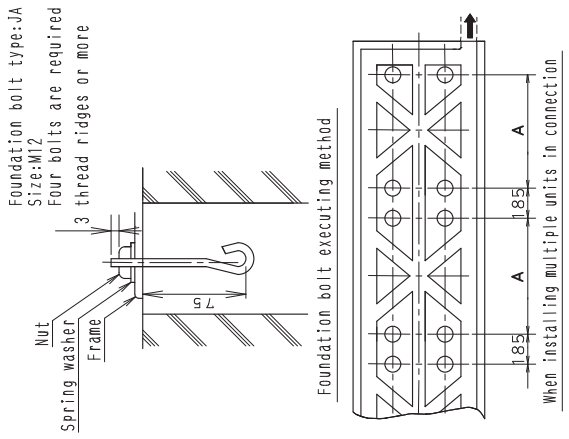
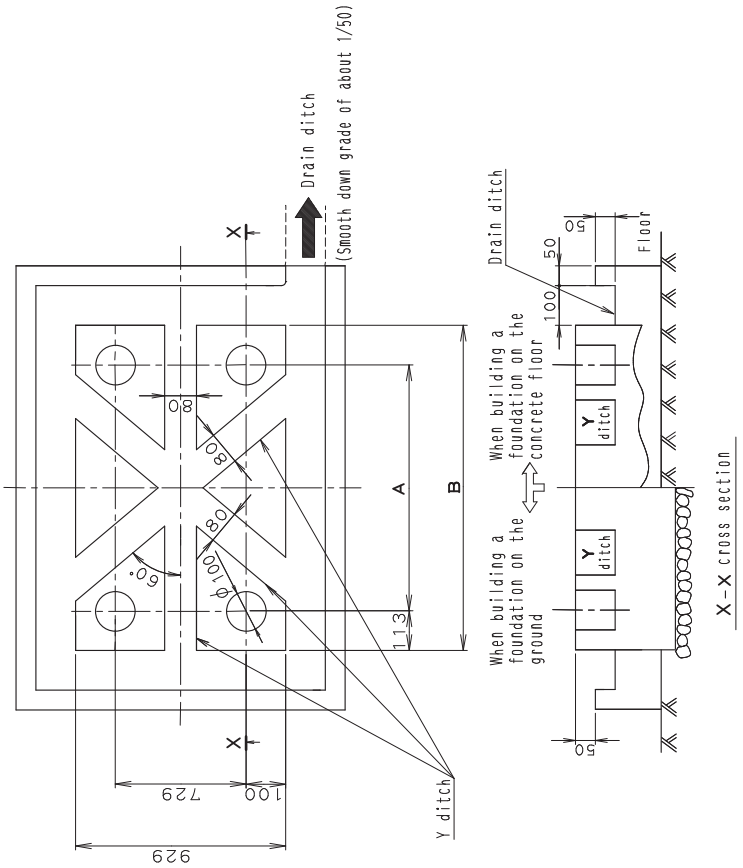


MODEL	A	B
RX(Y)Q6・8・10・12T	766	992
RX(Y)Q14・16・18・20T	1076	1302
RQ(Y)Q6・8・10・12T	766	992
RQ(Y)Q14・16・18・20T	1076	1302



(Notes)
1. The proportions of cement:sand:gravel for the concrete shall be 1:2:4, and the reinforcement bars that their diameter are 10mm, (approx. 300mm interval)shall be placed.
2. The surface shall be finished with mortar. The corner edges shall be chamfered.
3. When the foundation is built on a concrete floor, rubble is not necessary. However, the surface of the section on which the foundation is built shall have rough finish.
4. A drain ditch shall be made around the foundation to thoroughly drain water from the equipment installation area.
5. When installing the equipment on a roof, the floor strength shall be checked, and water-proofing measures shall be taken.

3. Installation Manual

Installation manual

Contents

Thank you for purchasing this Daikin VRV system.

The original instructions are written in English. All other languages are translations of the original instructions.

CAREFULLY READ THESE INSTRUCTIONS BEFORE INSTALLATION. THEY WILL TELL YOU HOW TO INSTALL AND HOW TO CONFIGURE THE UNIT PROPERLY. KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

1. Definitions

1.1 Meaning of warnings and symbols

Warnings in this manual are classified according to their severity and probability of occurrence.

DANGER

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

NOTICE

Indicates situations that may result in equipment or property-damage accidents only.

INFORMATION

This symbol identifies useful tips or additional information.

Some types of danger are represented by special symbols:

Electric current.

Danger of burning and scalding.

1.2 Meaning of used terms

Installation manual:

Instruction manual specified for a certain product or application, explaining how to install, configure and maintain it.

Operation manual:

Instruction manual specified for a certain product or application, explaining how to operate it.

Maintenance instructions:

Instruction manual specified for a certain product or application, which explains (if relevant) how to install, configure, operate and/or maintain the product or application.

Dealer:

Sales distributor for products as per the subject of this manual.

Installer:

Technical skilled person who is qualified to install products as per the subject of this manual.

User:

Person who is owner of the product and/or operates the product.

Service company:

Qualified company which can perform or coordinate the required service to the unit.

Applicable legislation:

All international, European, national and local directives, laws, regulations and/or codes which are relevant and applicable for a certain product or domain.

Accessories:

Equipment which is delivered with the unit and which needs to be installed according to instructions in the documentation.

Optional equipment:

Equipment which can optionally be combined to the products as per the subject of this manual.

Field supply:

Equipment which needs to be installed according to instructions in this manual, but which are not supplied by Daikin.

2. General safety precautions

The precautions listed here are divided into the following four types. They all cover very important topics, so be sure to follow them carefully.

DANGER: ELECTRICAL SHOCK

Switch off all power supply before removing the electrical component box service panel or before making any connections or touching electrical parts.

Do not touch any switch with wet fingers. Touching a switch with wet fingers can cause electrical shock. Before touching electrical parts, turn off all applicable power supply.

To avoid electric shock, be sure to disconnect the power supply 1 minute or more before servicing the electrical parts. Even after 1 minute, always measure the voltage at the terminals of the main terminal, main circuit capacitors or electrical parts and, before touching, be sure that those voltages are 50 V DC or less.

When service panels are removed, live parts can easily be touched by accident. Never leave the unit unattended during installation or servicing when the service panel is removed.

DANGER: DO NOT TOUCH PIPING AND INTERNAL PARTS

Do not touch the refrigerant piping, water piping or internal parts during and immediately after operation. The piping and internal parts may be hot or cold depending on the working condition of the unit.

Your hand may suffer burns or frostbite if you touch the piping or internal parts. To avoid injury, give the piping and internal parts time to return to normal temperature or, if you must touch them, be sure to wear protective gloves.

Also, at least, following information shall be provided at an accessible place of the system:

- Instructions for shutting down the system in case of an emergency.
- Name and address of fire department, police and hospital.
- Name, address and day and night telephone numbers for obtaining service.

FIRST OF ALL

- This document is an installation manual for the Daikin RXQ Series VRV Inverter. Before installing the unit, read this manual thoroughly, and following the instructions contained in it. After installation, do a test run to make sure the unit runs properly, and then explain how to operate and take care of the unit to the customer, using the operation manual.
- Lastly, make sure the customer keeps this manual, along with the operation manual, in a safe place.
  This manual does not describe how to install the indoor unit.
- Refer to the installation manual included with the indoor unit for that.

2.1 Safety precautions

Please read these “Safety precautions” carefully before installing air conditioning unit and be sure to install it correctly.

After completing the installation, make sure that the unit operates properly during the start-up operation.

Also, inform customers that they should store this installation manual along with the operation manual for future reference.
After completing installation, conduct a trial operation to check for faults and explain to the customer how to operate the air conditioner and take care of it with the aid of operation manual. Ask the customer to store the installation manual along with the operation manual for future reference.

This air conditioner comes under the term “appliances not accessible to the general public”.
Please instruct the customer on how to operate the unit and keep it maintained.
Meaning of WARNING and CAUTION notices

WARNING.....Failure to follow these instructions properly may result in personal injury or loss of life.

CAUTION.....Failure to observe these instructions properly may result in property damage or personal injury, which may be serious depending on the circumstances.

⚠ WARNING

- Ask your dealer or qualifies personnel to carry out installation work. Do not attempt to install the air conditioner yourself. Improper installation may result in water leakage, electric shocks or fire.
- Consult your local regarding what to do in case of refrigerant leakage, when the air conditioner is to be installed in a small room, it is necessary to take proper measures so that the amount of any leaked refrigerant does not exceed the concentration limit in the event of leakage. Otherwise, this may lead to an accident due to oxygen depletion.
- Install the air conditioner in accordance with the instructions in this installation manual.
  Improper installation may result in water leakage, electric shocks or fire.
- When installing the unit in a small room, take measures against to keep refrigerant concentration from exceeding allowable safety limits in the event of refrigerant leakage.
  Contact the place of purchase for more information. Excessive refrigerant in a closed ambient can lead to oxygen deficiency.
- Be sure to use only the specified accessories and parts for installation work.
  Failure to use the specified parts may result in the unit falling, water leakage, electric shocks or fire.
- Install the air conditioner on a foundation strong enough to withstand the weight of the unit.
  A foundation of insufficient strength may result in the equipment falling and causing injury.
- Carry out the specified installation work after taking into account strong winds, typhoons or earthquakes.
  Failure to do so during installation work may result in the unit falling and causing accidents.
- Make sure that a separate power supply circuit is provided for this unit and that all electrical work is carried out by qualified personnel according to local laws and regulations and this installation manual.
  An insufficient power supply capacity or improper electrical construction may lead to electric shocks or fire.
- Make sure that all wiring is secured, the specified wires are used, and that there is no strain on the terminal connections or wires.
  Improper connections or securing of wires may result in abnormal heat build-up or fire.
- When wiring the power supply and connecting the remote controller wiring and transmission wiring, position the wires so that the EL.COMPO.BOX lid can be securely fastened.
  Improper positioning of the EL.COMPO.BOX lid may result in electric shocks, fire or the terminals overheating.
- If refrigerant gas leaks during installation, ventilate the area immediately.
  Toxic gas may be produced if the refrigerant comes into contact with fire.
- After completing installation, check for refrigerant gas leakage.
  Toxic gas may be produced if the refrigerant gas leaks into the room and comes into contact with a source of fire, such as a fan heater, stove or cooler.
- Do not directly touch refrigerant that has leaked from refrigerant pipes or other areas, as there is a danger of frostbite.
- Be sure to switch off the unit before touching any electrical parts.
- Do not allow children to climb on the outdoor unit and avoid placing objects on the unit.
  Injury may result if the unit becomes loose and falls.
- Be sure to earth the air conditioner.
  Do not earth the unit to a utility pipe, lightning conductor or telephone earth lead.
  Imperfect earthing may result in electric shocks or fire.
  A high surge current from lightning or other sources may cause damage to the air conditioner.
- Be sure to install an earth leakage breaker.
  Failure to install an earth leakage breaker may result in electric shocks or fire.

⚠ CAUTION

- While following the instructions in this installation manual, install drain piping to ensure proper drainage and insulate piping to prevent condensation.
  Improper drain piping may result in indoor water leakage and property damage.
- Install the indoor and outdoor units, power cord and connecting wires at least 1 meter away from televisions or radios to prevent picture interference and noise.
  (Depending on the incoming signal strength, a distance of 1 meter may not be sufficient to eliminate noise.)
- Remote controller (wireless kit) transmitting distance can be shorter than expected in rooms with electronic fluorescent lamps (inverter or rapid start types).
  Install the indoor unit as far away from fluorescent lamps as possible.
- Make sure to provide for adequate measures in order to prevent that the outdoor unit be used as a shelter by small animals.
  Small animals making contact with electrical parts can cause malfunctions, smoke or fire. Please instruct the customer to keep the area around the unit clean.
- Do not install the air conditioner in the following locations:
  1. Where there is a high concentration of mineral oil spray or vapour (e.g. a kitchen).
     Plastic parts will deteriorate, parts may fall off and water leakage could result.
  2. Where corrosive gas, such as sulphurous acid gas, is produced.
     Corroding of copper pipes or soldered parts may result in refrigerant leakage.
  3. Near machinery emitting electromagnetic radiation.
     Electromagnetic radiation may disturb the operation of the control system and result in a malfunction of the unit.
  4. Where flammable gas may leak, where there is carbon fibre or ignitable dust suspensions in the air, or where volatile flammables such as paint thinner or gasoline are handled.
     Operating the unit in such conditions may result in fire.
- In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

2.2 Special notice of product

[REFRIGERANT]
VRV System use R410A refrigerant.

- The refrigerant R410A requires that strict precautions be observed for keeping the system clean, dry and tightly sealed. Read the chapter “REFRIGERANT PIPING” carefully and follow these procedures correctly.
  A. Clean and dry
     Strict measures must be taken to keep impurities (including SUNISO oil and other mineral oils as well as moisture) out of the system.
  B. Tight sealed
     Take care to keep the system tight when installing.
     R410A contains no chlorine, does not destroy the ozone layer and so does not reduce the earth’s protection against harmful ultraviolet radiation.
     R410A will contribute only slightly to the greenhouse effect if released into the atmosphere.

[DESIGN PRESSURE]

Since design pressure is 4.0 MPa or 40 bar (for R407C units : 3.3 MPa or 33 bar) the thickness of pipes must be greater than previously. Since R410A is a mixed refrigerant, the required additional refrigerant must be charged in its liquid state. (If the system is charged with refrigerant in its gaseous state, due to compositions change, the system will not function normally). The indoor units is designed for R410A use. See the catalogue for indoor unit models that can be connected. (Normal operation is not possible when connecting units that are originally designed for other refrigerants)

2.3 Disposal requirements

Dismantling of the unit, treatment of the refrigerant, of oil and of other parts must be done in accordance with relevant local and national legislation.

3. Introduction

3.1 General information

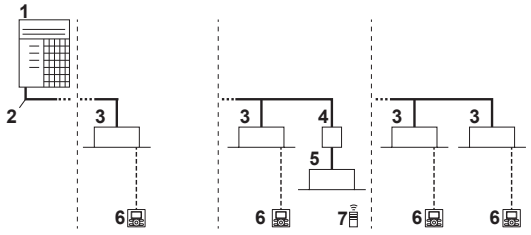
This installation manual concerns the VRV, full inverter driven, cooling only system.

Depending on the type of outdoor unit which is chosen, some functionality will or will not exist. It will be indicated throughout this installation manual and brought to your attention. Certain features have exclusive model rights.

These units are intended for outdoor installation and aimed for cooling only applications including air to air applications.

These units have (in single use) cooling capacities rating from 16 to 56 kW. In multi combination cooling on go up till 168 kW.

The outdoor unit is designed to work in cooling mode at ambient temperatures from 10°C to 49°C.



1 VRV Cooling only outdoor unit
2 Refrigerant piping
3 VRV indoor unit
4 BP unit (required to connect Residential Air (RA) indoor units)
5 Residential Air (RA) indoor units
6 User interface (dedicated depending on indoor unit type)
7 User interface (wireless, dedicated depending on indoor unit type)

3.2. Combination

The indoor units can be installed in the following range.

(Outdoor unit)		(Combination)	(Total capacity of indoor units)
RXQ6A	.....	Single unit	75 ~ 195
RXQ8A	.....	Single unit	100 ~ 260
RXQ10A	.....	Single unit	125 ~ 325
RXQ12A	.....	Single unit	150 ~ 390
RXQ14A	.....	Single unit	175 ~ 455
RXQ16A	.....	Single unit	200 ~ 520
RXQ18A/AM	.....	Single unit, Multi unit[(a)]	225 ~ 585
RXQ20A/AM	.....	Single unit, Multi unit[(a)]	250 ~ 650
RXQ22AM	.....	Multi unit	275 ~ 715
RXQ24AM	.....	Multi unit	300 ~ 780
RXQ26AM	.....	Multi unit	325 ~ 845
RXQ28AM	.....	Multi unit	350 ~ 910
RXQ30AM	.....	Multi unit	375 ~ 975
RXQ32AM	.....	Multi unit	400 ~ 1,040
RXQ34AM	.....	Multi unit	425 ~ 1,105
RXQ36AM	.....	Multi unit	450 ~ 1,170
RXQ38AM	.....	Multi unit	475 ~ 1,235
RXQ40AM	.....	Multi unit	500 ~ 1,300
RXQ42AM	.....	Multi unit	525 ~ 1,365
RXQ44AM	.....	Multi unit	550 ~ 1,430
RXQ46AM	.....	Multi unit	575 ~ 1,495
RXQ48AM	.....	Multi unit	600 ~ 1,560
RXQ50AM	.....	Multi unit	625 ~ 1,625
RXQ52AM	.....	Multi unit	650 ~ 1,690
RXQ54AM	.....	Multi unit	675 ~ 1,755
RXQ56AM	.....	Multi unit	700 ~ 1,820
RXQ58AM	.....	Multi unit	725 ~ 1,885
RXQ60AM	.....	Multi unit	750 ~ 1,950

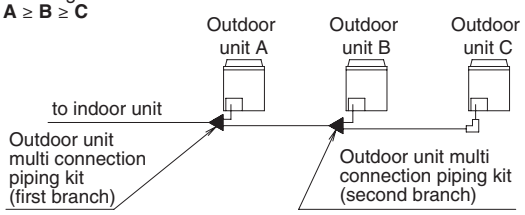
Note

- Be sure to connect an R410A indoor unit.
- See the catalog for indoor unit models which can be connected.
- Refer to the technical engineering data for multi unit combinations.

(a) Outdoor unit can be connected combination in single unit or multi unit, see more details in the technical engineering data.

NOTICE
When selecting the total capacity higher than mentioned in above, cooling capacity will drop.
For additional information see technical engineering data.

- If the total capacity of the connected indoor units exceeds the capacity of the outdoor unit, cooling performance may drop when running the indoor units. See the capacity table in the Engineering Data Book for details.
- There are restrictions on the refrigerant pipe connecting order between outdoor unit in the case of the multi system. Install so that the following restrictions are satisfied.
  <Restrictions>
  The capacities of outdoor units A, B and C must fulfill the following conditions.
  A ≥ **B** ≥ **C**



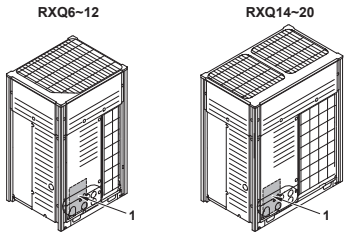
3.3 Scope of the manual

This manual describes the procedures for handling, installing and connecting the VRV outdoor units. This manual has been prepared to ensure adequate maintenance of the unit, and it will provide help in case problems occur.

INFORMATION
The installation of the indoor unit(s) is described in the indoor unit installation manual provided with the indoor units.

4. Accessories

4.1 Accessories supplied with this unit



See location 1 in the figure above for reference to where following accessories are supplied with the unit.

Name	Tie wrap (1)	Tie wrap (2)	Tie wrap (3)	Gas accessory pipe (1)	
Quantity	9 pcs.	1 pcs.	1 pc.	1 pc.	
Shape	Small		Large	Front connection: 6-18 HP	Front connection: 20 HP[a]

Name	Gas accessory pipe (2)			Liquid accessory pipe (1)	Liquid accessory pipe (2)	Others
Quantity	1 pc.			1 pc.	1 pc.	• Operation manual • Installation manual • Caution label (Addition refrigerant charge record)
Shape	Bottom connection: 6-8HP, 20HP	Bottom connection: 10HP	Bottom connection: 12HP, 14-18HP	Front connection	Bottom connection	

Note

[a] For RXQ20, Front connection pipe require the combination of gas accessory pipe(1) and gas accessory pipe(2).

Do not leave any accessories supplied with this unit, until installation finished.

4.2 Option accessory

To install the outdoor units, the following optional parts are also required. To select an optimum kit, refer to **"9.3 Selection of refrigerant branch kits."**

- **Refrigerant branching kit**

REFNET header	KHRP26M22H	KHRP26M33H	KHRP26M72H	KHRP26M73H
REFNET joint	KHRP26A22T	KHRP26A33T	KHRP26A72T	KHRP26A73T

- **Outdoor unit multi connection piping kit**

Number of outdoor units connected	2 units	3 units
Kit name	BHFP22P100	BHFP22P151

- **Pipe size reducer**

Kit name	KHRP26M73TP	KHRP26M73HP

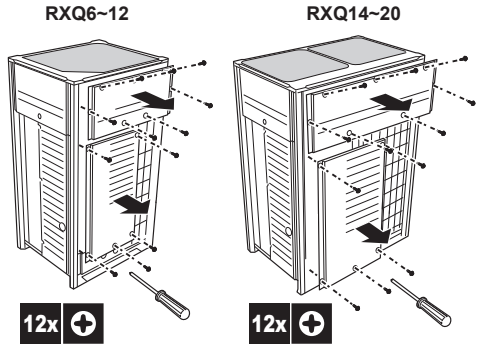
Note

Make sure that any separate purchased accessories are designed for use with R410A.

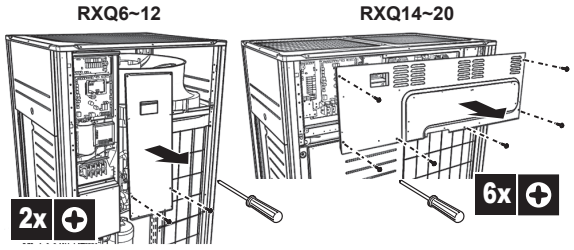
5. Overview of unit

5.1 Opening the unit

To gain access to the unit, front plates need to be opened as follows:



Once the front plates open, the electrical component box can be accessed by removing the electrical component box cover as follows.



For service purposes, the push buttons on the main PCB need to be accessed. To access these push buttons, the electrical component box cover does not need to be opened. See "13.Making field settings" .

DANGER: Electrical shock

See "2.General safety precautions".

DANGER: Do not touch piping and internal parts.

See "2.General safety precautions".

5.2 Main components in the unit

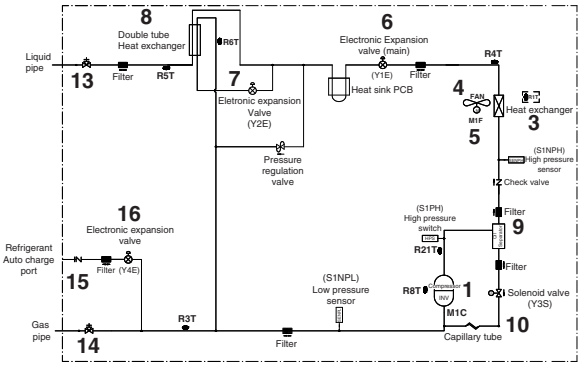
For all the models a piping diagram and outlook drawing are available. Depending on the model type some components in the main component list may not be existing in the unit.

Main components (see 5.2.1, 5.2.2, 5.2.3)

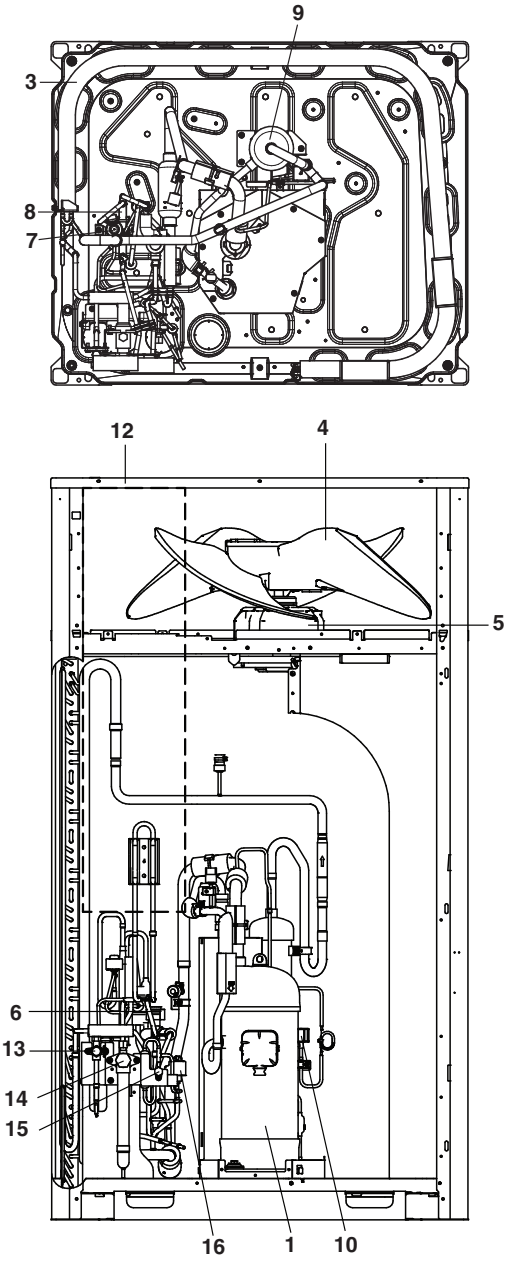
1 Compressor (M1C)
2 Compressor (M2C)
3 Heat exchanger
4 Fan
5 Fan motor (M1F, M2F)
6 Expansion valve, main (Y1E)
7 Expansion valve, subcool heat exchanger (Y2E)
8 Subcool heat exchanger
9 Oil separator
10 Solenoid valve, oil separator 1 (Y3S)
11 Solenoid valve, oil separator 2 (Y4S)
12 Electrical component box
13 Stop valve, liquid
14 Stop valve, gas
15 Stop valve, refrigerant auto charge
16 Expansion valve, refrigerant auto charge (Y4E)

5.2.1 RXQ (6~12 HP)

Piping diagram

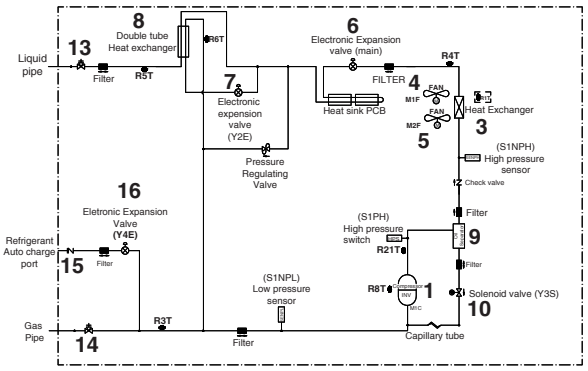


Outlook drawing

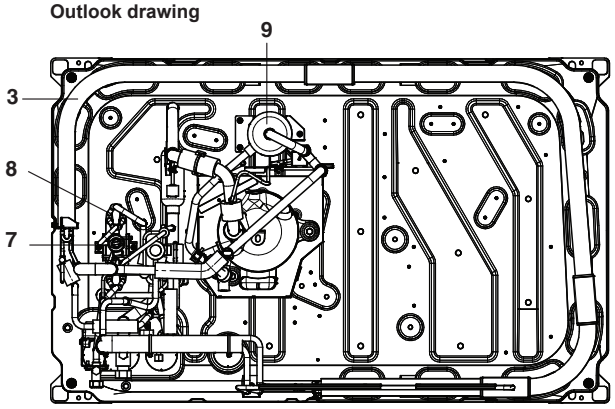


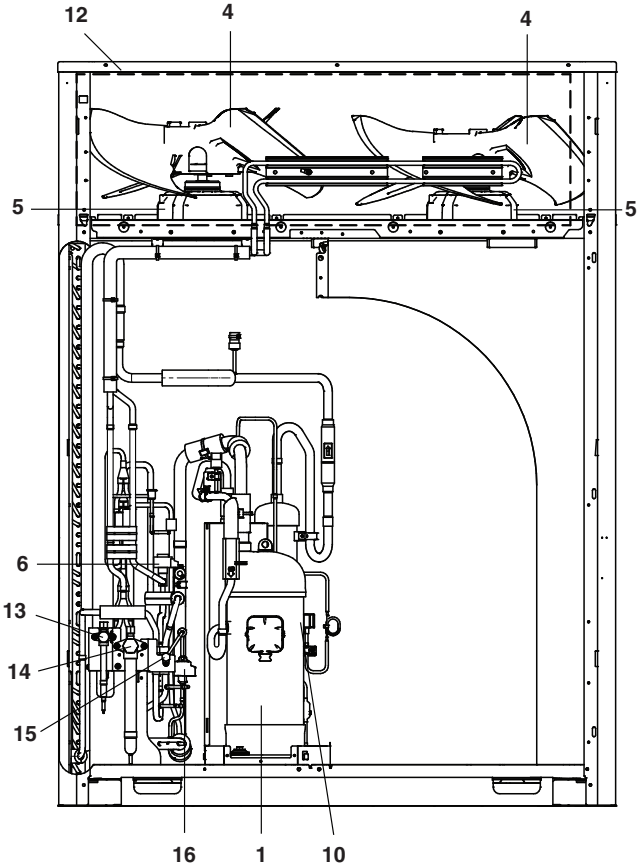
5.2.2 RXQ (14 HP)

Piping diagram



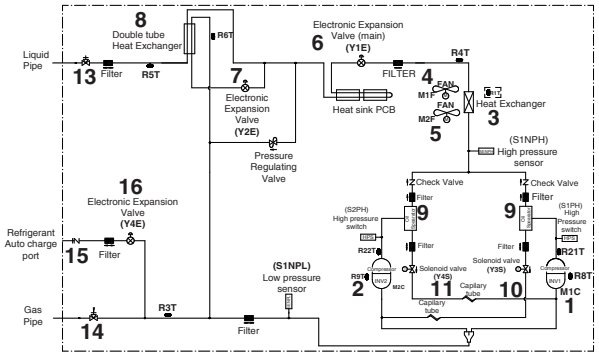
Outlook drawing



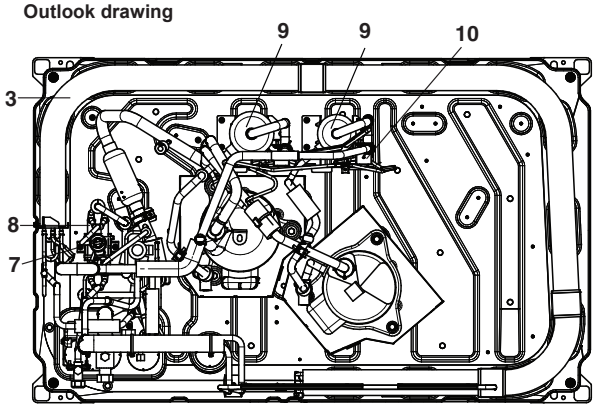


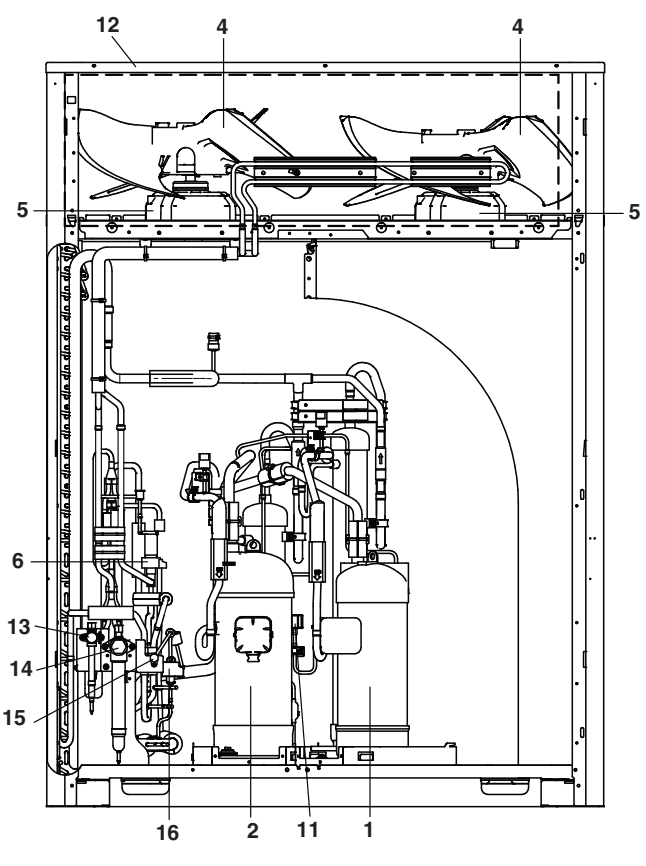
5.2.3 RXQ (16~20 HP)

Piping diagram



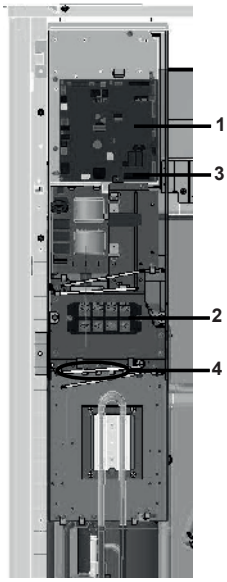
Outlook drawing



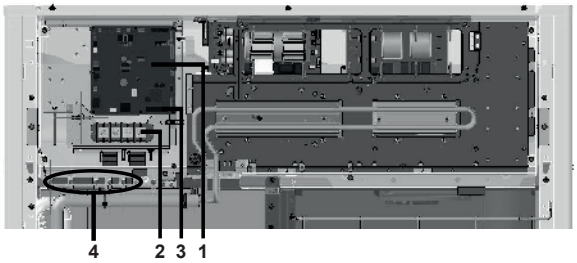


5.3 Main components in the electrical component box

RXQ6~12



RXQ14~20



1 Main PCB.
2 Terminal block X1M: main terminal block which allows easy connection of field wiring for power supply.
3 Terminal X1M on main PCB: terminal block for transmission wiring.
4 Cable tie mountings: the cable tie mountings allow to fix the field wiring with cable ties to the electrical component box to ensure strain relief.

INFORMATION

For more details refer to the wiring diagram of the units. The wiring diagram is located on the inside of the electrical component box.

6. Selecting an installation location

CAUTION

Appliance not accessible to the general public, install it in a secured area, protected from easy access.

This unit, both indoor and outdoor, is suitable for installation in a commercial and light industrial environment.

6.1 General precautions on installation

Select an installation site that meets the following requirements:

- The foundation must be strong enough to support the weight of the unit. The floor is flat to prevent vibrations and noise generation and to have sufficient stability.
- The space around the unit is adequate for maintenance and servicing. The space around the unit allows for sufficient air circulation.
- There is no danger of fire due to leakage of flammable gas.
- The equipment is not intended for use in a potentially explosive atmosphere.
- Select the location of the unit in such a way that the sound generated by the unit does not disturb anyone, and the location is selected according the applicable legislation.
- All piping lengths and distances have been taken into consideration.
- Take care that in the event of a water leak, water cannot cause any damage to the installation space and surroundings.
- When installing the unit in a smallroom, take measures in order to keep the refrigerant concentration from exceeding allowable safety limits in the event of a refrigerant leak.

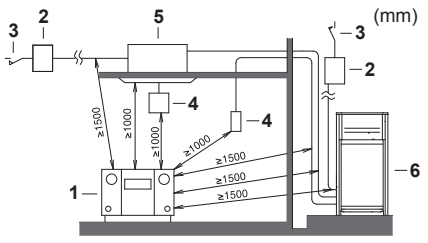
CAUTION

Excessive refrigerant concentrations in a closed room can lead to oxygen deficiency.

NOTICE

The equipment described in this manual may cause electronic noise generated from radio-frequency energy. The equipment complies to specifications that are designed to provide reasonable protection against such interference. However, there is no guarantee that interference will not occur in a particular installation.

It is therefore recommended to install the equipment and electric wires keeping proper distances away from stereo equipment, personal computers, etc.



1 Personal computer or radio
2 Fuse
3 Earth leakage protector
4 User interface
5 Indoor unit
6 Outdoor unit

In places with weak reception, keep distances of 3 m or more to avoid electromagnetic disturbance of other equipment and use conduit tubes for power and transmission lines.

- The refrigerant R410A itself is nontoxic, non-flammable and is safe. If the refrigerant should leak however, its concentration may exceed the allowable limit depending on room size. Due to this, it could be necessary to take measures against leakage. (See “18. Caution for refrigerant leaks”).
- Do not install in the following locations:
  - Locations where sulphurous acids and other corrosive gases may be present in the atmosphere. Copper piping and soldered joints may corrode, causing refrigerant to leak.
  - Locations where a mineral oil mist, spray or vapour may be present in the atmosphere. Plastic parts may deteriorate and fall off or cause water leakage.
  - Locations where equipment that produces electromagnetic waves is found. The electromagnetic waves may cause the control system to malfunction, preventing normal operation.
  - Locations where flammable gases may leak, where thinner, gasoline and other volatile substances are handled, or where carbon dust and other incendiary substances are found in the atmosphere. Leaked gas may accumulate around the unit, causing an explosion.
- When installing, take strong winds, typhoons or earthquakes into account, improper installation may result in the unit turning over.

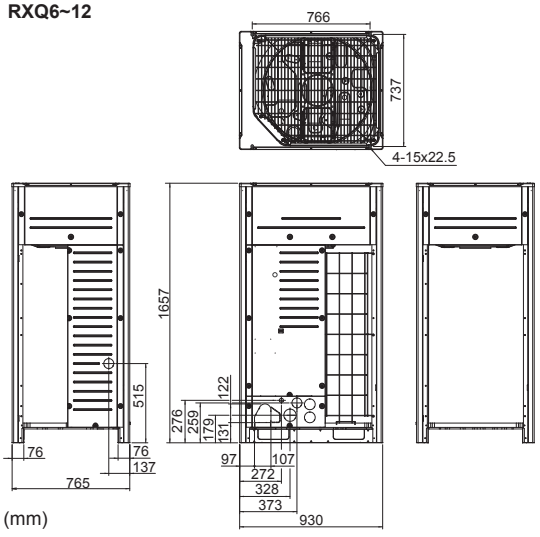
6.2 Weather related precautions

- Select a place where the rain can be avoided as much as possible.
- Be sure that the air inlet of the unit is not positioned towards the main wind direction. Frontal wind will disturb the operation of the unit. If necessary, use a screen to block the wind.
- Ensure that water cannot cause any damage to the location by adding water drains to the foundation and prevent water traps in the construction.
- Do not install the unit in areas where the air contains high levels of salt such as that near the ocean.

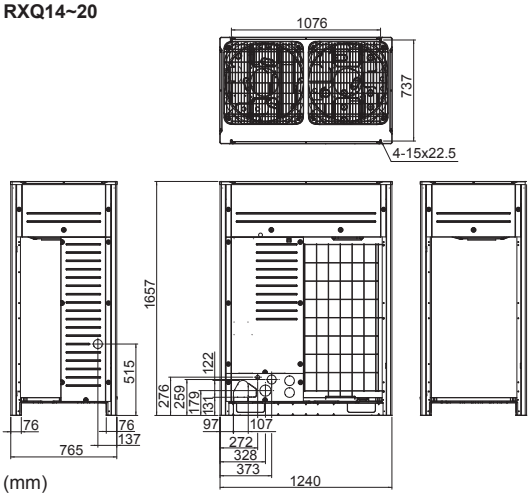
7. Dimensions and service space

7.1 Dimensions of outdoor unit

RXQ6~12

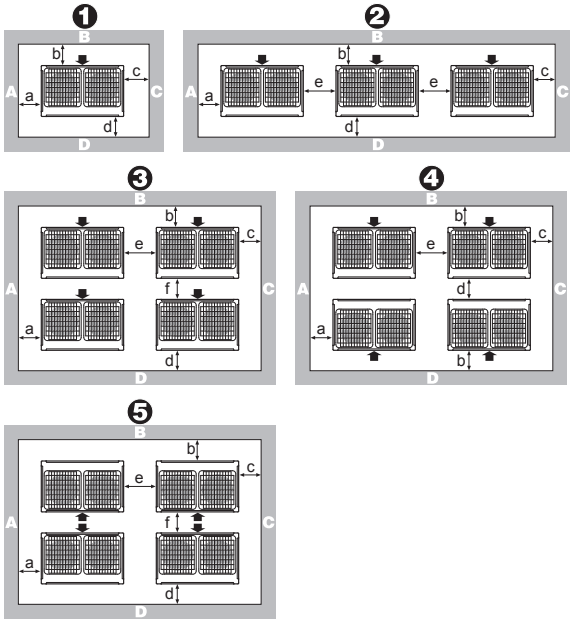


RXQ14~20

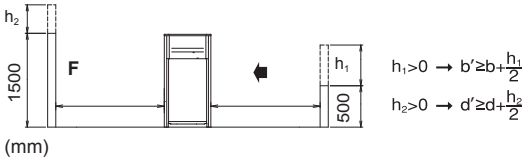


7.2 Service space

The space around the unit is adequate for servicing and the minimum space for air inlet and air outlet is available (refer to the figure below and choose one of the possibilities).



	A+B+C+D		A+B
❶	a≥10 mm b≥300 mm c≥10 mm d≥500 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm	a≥200 mm b≥300 mm
❷	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm	a≥200 mm b≥300 mm e≥400 mm
❸	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm f≥600 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm f≥500 mm	
❹	a≥10 mm b≥300 mm c≥10 mm d≥500 mm e≥20 mm	a≥50 mm b≥100 mm c≥50 mm d≥500 mm e≥100 mm	
❺	a≥10 mm b≥500 mm c≥10 mm d≥500 mm e≥20 mm f≥900 mm	a≥50 mm b≥500 mm c≥50 mm d≥500 mm e≥100 mm f≥600 mm	



(mm)

ABCD Sides along the installation site with obstacles
F Front side
Suction side

- In case of an installation site where sides A+B+C+D have obstacles, the wall heights of sides A+C have no impact on service space dimensions. Refer to the figure above for impact of wall heights of sides B+D on service space dimensions, calculate new b,d by refer above formulars.
- In case of an installation site where only the sides A+B have obstacles, the wall heights have no influence on any indicated service space dimensions.

INFORMATION

- The service space dimensions in above figure are based on cooling operation at 35°C ambient temperature (standard conditions).
- Further specifications can be found in the technical engineering data.

8. Inspecting and handling the unit

8.1 Inspection

At delivery, the unit must be checked and any damage must be reported immediately to the carrier's claims agent.

8.2 Handling

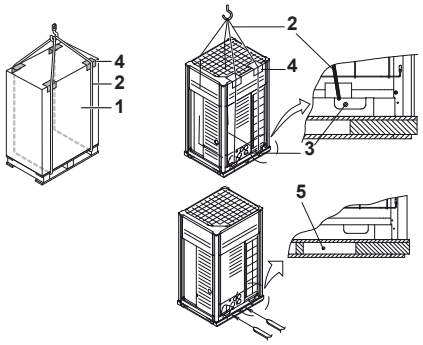
1 When handling the unit, take into account the following:

Fragile, handle the unit with care.

Keep the unit upright in order to avoid compressor damage.

2 Choose on beforehand the path along which the unit is to be brought in.

3 Bring the unit as close as possible to its final installation position in its original package to prevent damage during transport.



1 Packaging material
2 Belt sling
3 Product opening
4 Protector
5 Skit base opening

4 If use a forklift, insert the forks into the opening (large) of skid base.

5 Lift the unit preferably with a crane and 2 belts of at least 8 m long as shown in the figure above.
Always use protectors to prevent belt damage and pay attention to the position of the unit's centre of gravity.

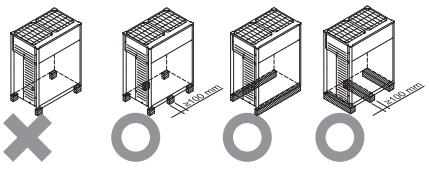
A forklift can only be used for transport as long as the unit remains on its pallet as shown above.

8.3 Installing the unit

Make sure the unit is installed level on a sufficiently strong base to prevent vibration and noise.

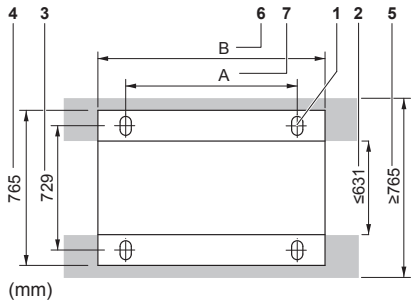
NOTICE

When the installation height of the unit needs to be increased, do not use stands to only support the corners.



X Not allowed
O Allowed

- The height of the foundation must at least be 150 mm from the floor.
- The unit must be installed on a solid longitudinal foundation (steel beam frame or concrete) and make sure the base under the unit is larger than the grey marked area.

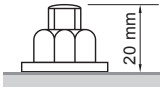


(mm)

1 Hole for foundation bolt (Ø15 dia. : 4 positions)
2 Inner dimension of the base
3 Distance between foundation bolt holes
4 Depth of unit
5 Outer dimension of the base
6 Longitudinal foundation dimension
7 Distance between foundation bolt holes

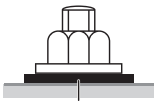
Model	A	B
6 · 8 · 10 · 12HP type	766	930
14 · 16 · 18 · 20HP type	1076	1240

- Fasten the unit in place using four foundation bolts M12. It is best to screw in the foundation bolts until their length remains 20mm above the foundation surface.



NOTICE

- When installed in a corrosive environment, use a nut with plastic washer to protect the nut tightening part from rust.



9. Refrigerant pipe size and allowable pipe length

9.1 Selection of piping material

NOTICE

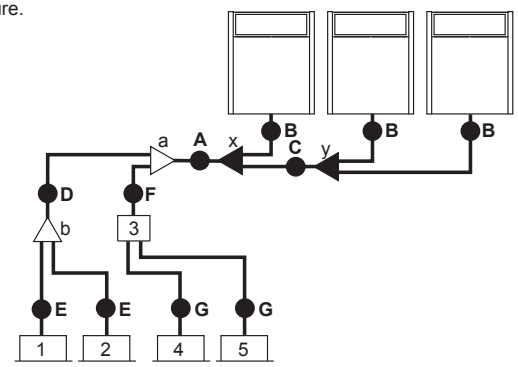
- Jointless phosphor-deoxidized copper pipe
- Select a thickness for the refrigerant piping which complies with national and local laws.
- Installation shall be done by a licensed installer, the choice of materials and installation shall conform completely with the applicable national and international codes.

- Foreign materials inside pipes (including oils for fabrication) must be ≤30 mg/10 m.
- Temper grade: use piping with temper grade in function of the pipe diameter as listed in table below.

Pipe Ø (mm)	Temper grade of piping material
≤15.9 (5/8″)	O (annealed)
≥19.1 (3/4″)	1/2H (half hard)

9.2 Selection of piping size

Determine the proper size referring to following tables and reference figure.



1,2 VRV indoor unit
3 BP box
4,5 RA indoor unit
a,b Indoor branch kit
x,y Outdoor multi connection kit

9.2.1 Piping between outdoor unit and (first) refrigerant branch kit: A, B, C

Choose from the following table in accordance with the outdoor unit total capacity type, connected downstream.

Outdoor unit capacity type (HP)	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
6~8	Ø19.1 (3/4″)	Ø 9.5 (3/8″)
10	Ø22.2 (7/8″)	
12~16	Ø28.6 (1 1/8″)	Ø12.7 (1/2″)
18~22		Ø15.9 (5/8″)
24	Ø34.9 (1 3/8″)	
26~34		Ø19.1 (3/4″)
36~60	Ø41.3 (1 5/8″)	

9.2.2 Piping between refrigerant branch kits: D

Choose from the following table in accordance with the indoor unit total capacity type, connected downstream. Do not let the connection piping exceed the refrigerant piping size chosen by the general system model name.

Indoor unit capacity index	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
<150	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
150≤x<200	Ø19.1 (3/4″)	
200≤x<290	Ø22.2 (7/8″)	
290≤x<420	Ø28.6 (1 1/8″)	Ø12.7 (1/2″)
420≤x<640		Ø15.9 (5/8″)
640≤x<920	Ø34.9 (1 3/8″)	Ø19.1 (3/4″)
≥920	Ø41.3 (1 5/8″)	

Example:
Downstream capacity for E=capacity index of unit 1
Downstream capacity for D=capacity index of unit 1+capacity index of unit 2

9.2.3 Piping between refrigerant branch kit and BP unit: F

Pipe size for direct connection on BP unit must be based on the total capacity of the connected indoor units (only in case RA indoor units are connected).

Total capacity index of connected indoor units	Gas pipe (mm)	Liquid pipe (mm)
20-62	Ø12.7 (1/2″)	Ø 6.4 (1/4″)
63-149	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
150-208	Ø19.1 (3/4″)	
~250	Ø22.2 (7/8″)	

Example:
Downstream capacity for F=capacity index of unit 4+capacity index of unit 5

9.2.4 Piping between BP unit and RA indoor unit: G

Only in case RA indoor units are connected.

Indoor unit capacity index	Gas pipe (mm)	Liquid pipe (mm)
20, 25, 30, 35	Ø 9.5 (3/8″)	Ø 6.4 (1/4″)
50	Ø12.7 (1/2″)	
60		Ø 9.5 (3/8″)
71 (c)	Ø15.9 (5/8″)	

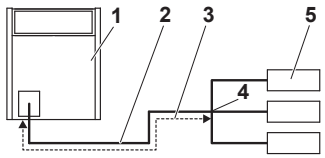
(c) In some indoor units, the piping size is difference. Choose from the size of each indoor units.

9.2.5 Piping between refrigerant branch kit and indoor unit: E

Pipe size for direct connection to indoor unit must be the same as the connection size of the indoor unit (in case indoor unit is VRV Indoor).

Indoor unit capacity index	Piping outer diameter size (mm)	
	Gas pipe	Liquid pipe
20, 25, 32, 40, 50	Ø12.7 (1/2″)	Ø 6.4 (1/4″)
63, 80, 100, 125, 140	Ø15.9 (5/8″)	Ø 9.5 (3/8″)
200	Ø19.1 (3/4″)	
250	Ø22.2 (7/8″)	
400	Ø28.6 (1 1/8″)	Ø 12.7 (1/2″)
500		Ø 15.9 (5/8″)

- When the equivalent pipe length between outdoor and indoor units is 90 m or more, the size of the main pipes (both gas side and liquid side) must be increased. Depending on the length of the piping, the capacity may drop, but even in such a case it is possible to increase the size of the main pipes.



1 Outdoor unit
2 Main pipes
3 Increase
4 First refrigerant branch kit
5 Indoor unit

Size up		
HP Class	Gas side (mm)	Liquid size (mm)
6~8	Ø19.1 (3/4″) → Ø22.2 (7/8″)	Ø9.5 (3/8″)→Ø12.7 (1/2″)
10	Ø22.2 (7/8″) → Ø25.4 (1″)(a)	
12~14	Ø28.6 (1 1/8″)(b)	Ø12.7 (1/2″)→Ø15.9 (5/8″)
16	Ø28.6 (1 1/8″) → Ø31.8 (1 1/4″)(a)	
18~22		Ø15.9 (5/8″)→Ø19.1 (3/4″)
24	Ø34.9 (1 3/8″)(b)	
26~34	Ø34.9 (1 3/8″) → Ø38.1 (1 1/2″)(a)	Ø19.1 (3/4″)→Ø22.2 (7/8″)
36~60	Ø41.3 (1 5/8″)(b)	

(a) If this pipe diameter is unobtainable on site, please do not size up a pipe diameter. (Without size up the pipe diameter, capacity will great decreased, but equivalent piping length can be extended up to 190m)

(b) Please use this pipe diameter only.(Without size up the pipe diameter, equivalent piping length can be extended up to 190m)

- The pipe thickness of the refrigerant piping shall comply with the applicable legislation. The minimal pipe thickness for R410A piping must be in accordance with the table.

Pipe Ø (mm)	Minimal thickness t (mm)
Ø 6.4 (1/4″)	0.80
Ø 9.5 (3/8″)	
Ø12.7 (1/2″)	
Ø15.9 (5/8″)	0.99
Ø19.1 (3/4″)	0.80
Ø 22.2 (7/8″)	
Ø 25.4 (1″)	0.88
Ø 28.6 (1 1/8″)	0.99
Ø 31.8 (1 1/4″)	1.10
Ø 34.9 (1 3/8″)	1.21
Ø 38.1 (1 1/2″)	1.32
Ø 41.3 (1 5/8″)	1.43

In this case, the additional refrigerant calculation has to be adjusted as mentioned in “14.Charging refrigerant”.

9.3 Selection of refrigerant branch kits

Refrigerant REFNETS

For piping example, refer to "9.2. Selection of piping size".

- When using REFNET joints at the first branch counted from the outdoor unit side, choose from the following table in accordance with the capacity of the outdoor unit (example: REFNET joint a).

Outdoor unit capacity type (HP)	Model refrigerant branch kits
6~10	KHRP26A33T
12~22	KHRP26A72T
24~60	KHRP26A73T + KHRP26M73TP

- For REFNETS joints other than the first branch (example REFNET joint b), select the proper branch kit model based on the total capacity index of all indoor units connected after the refrigerant branch.

Indoor unit capacity index	Model refrigerant branch kits
<200	KHRP26A22T
200≤x<290	KHRP26A33T
290≤x<640	KHRP26A72T
≥640	KHRP26A73T + KHRP26M73TP

- Concerning REFNET headers, choose from the following table in accordance with the total capacity of all the indoor units connected below the REFNET header.

Indoor unit capacity index	Model refrigerant branch kits
<200	KHRP26M22H
200≤x<290	KHRP26M33H
290≤x<640	KHRP26M72H(a)
≥640	KHRP26M73H + KHRP26M73HP

(a) If the pipe size above the REFNET header is Ø34.9 or more, KHRP26M73HP is required.

INFORMATION

Maximum 8 branches can be connected to a header.

- How to choose an outdoor multi connection piping kit. Choose from the following table in accordance with the number of outdoor units.

Number of outdoor units	Branch kit name
2	BHFP22P100
3	BHFP22P151

NOTICE

Refrigerant branch kits can only be used with R410A.

9.4 System piping (length) limitations

9.4.1 Piping length restrictions

Make sure to perform the piping installation within the range of the maximum allowable pipe length, allowable level difference and allowable length after branching as indicated below. The pattern will be discussed, including VRV indoor units combined with RA indoor units.

Definitions

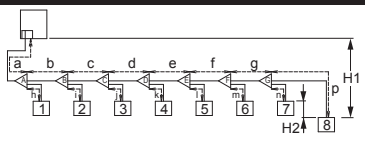
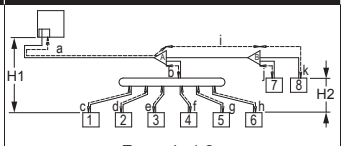
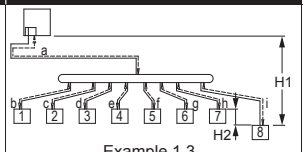
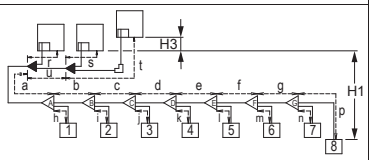
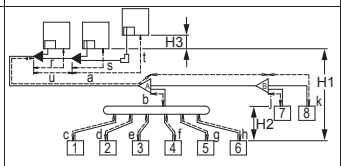
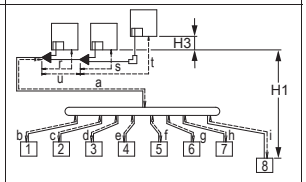
Actual piping length: pipe length between outdoor(1) and indoor units.
Equivalent piping length(2) : pipe length between outdoor(1) and indoor units.

Total piping length: total piping length from the outdoor(1) to all indoor units.
Difference in height between outdoor and indoor units: H1.
Difference in height between indoor and indoor units: H2.
Difference in height between outdoor and outdoor units: H3.
Difference in height between outdoor and BP unit: H4.
Difference in height between BP unit and BP unit: H5.
Difference in height between BP unit and RA indoor unit: H6.

(1) In case of multi outdoor system, re-read to the first outdoor unit multi connection piping kit as seen from the indoor unit.
(2) Assume equivalent piping length of REFNET joint=0.5 m and REFNET header=1 m (for calculation purposes).

9.4.2 System only containing VRV indoor units

System setup

	Branch with REFNET joint	Branch with REFNET joint and REFNET header	Branch with REFNET header
Single outdoor	 Example 1.1	 Example 1.2	 Example 1.3
Multi outdoor 1 Indoor unit A REFNET joint REFNET header ◄ Outdoor multi connection piping kit	 Example 2.1	 Example 2.2	 Example 2.3

Maximum allowable length

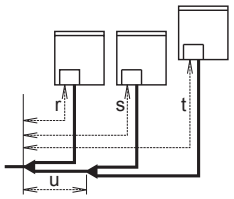
- Between outdoor and indoor units (refer the recommend combination type in Engineering data book).

		Example 1.1	Example 1.2	Example 1.3
Actual piping length	**165 m**	unit 8: a+b+c+d+e+f+g+p≤165 m	unit 6: a+b+h≤165 m unit 8: a+i+k≤165 m	unit 8: a+i≤165 m
Equivalent length(2)	**190 m**	—	—	—
Total piping length	**1000 m**	a+b+c+d+e+f+g+h+i+j+k+l+m+n+p≤1000 m	—	—

- Between outdoor and indoor units (free multi combinations).

		Example 2.1	Example 2.2	Example 2.3
Actual piping length	**135 m**	unit 8: a+b+c+d+e+f+g+p≤135 m	unit 6: a+b+h≤135 m unit 8: a+i+k≤135 m	unit 8: a+i≤135 m
Equivalent length(2)	**160 m**	—	—	—
Total piping length	**500 m**	a+b+c+d+e+f+g+h+i+j+k+l+m+n+p≤500 m	—	—

Example 3 : with standard multi layout



- Between outdoor branch and outdoor unit.

Actual piping length	10 m	Example 3 r, s, t≤10 m; u≤5 m
Equivalent length	13 m	—

Maximum allowable height difference

H1	≤50 m(a)
H2	≤30 m
H3	≤5 m

(a) Conditional extension up till 90 m is possible.
In case the outdoor location is higher than indoor: extension is possible up till 90 m and following 2 conditions must be fulfilled:
- Liquid piping size up (see table "Size up").
- Dedicated setting on outdoor unit is required (see [2-49] in Monitoring function and field settings)

In case the outdoor location is lower than indoor: extension is possible up till 90 m and following 1 condition must be fulfilled:
- Liquid piping size up (see table "Size up").

Maximum allowable length after branch

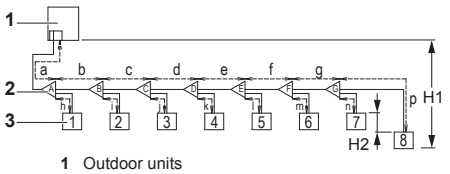
The pipe length from the first refrigerant branch kit to the indoor unit ≤40 m.

Example 1.1: unit 8: b+c+d+e+f+g+p≤40 m

Example 1.2: unit 6: b+h≤40 m, unit 8: i+k≤40 m

Example 1.3: unit 8: i≤40 m

However, extension is possible if all below conditions are met. In this case limitation can be extended up to 90 m.



1 Outdoor units
2 REFNET joints (A~G)
3 Indoor unit (1~8)

a. The piping length between all indoor to the nearest branch kit is ≤40 m.
Example: h, I, j … p≤40 m

b. It is necessary to increase the pipe size of the gas and liquid piping if the pipe length between the first branch kit and the farthest indoor unit is over 40 m.
If the increased pipe size is larger than the pipe size of the main pipe, then the pipe size of the main pipe has to be increased as well.
Increase the pipe size as follows:
9.5 → 12.7; 12.7 → 15.9; 15.9 → 19.1; 19.1 → 22.2; 22.2 → 25.4(3); 28.6 → 31.8(3); 34.9 → 38.1(3)
Example: unit 8: b+c+d+e+f+g+p≤90 m; increase the pipe size of b, c, d, e, f, g.

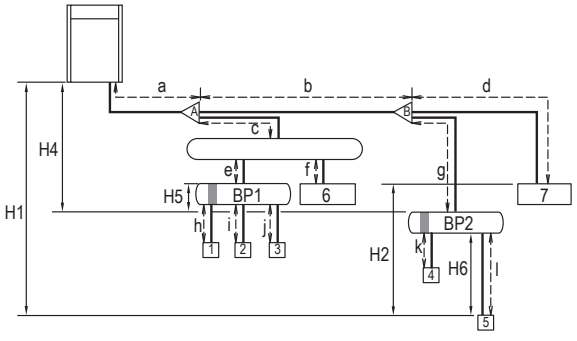
(3) If this pipe diameter is unobtainable on site, the piping length limitation cannot extended.

c. When the piping size is increased (step b), the piping length has to be counted as double (except for the main pipe and the pipes that are not increased in pipe size).
The total piping length has to be within limitations (see table above).
Example:
a+b*2+c*2+d*2+e*2+f*2+g*2+h+i+j+k+l+m+n+p≤1000 m (500 m).

d. The piping length difference between the nearest indoor from first branch to the outdoor unit and farthest indoor to the outdoor unit is ≤40 m.
Example: The farthest indoor unit 8. The nearest indoor unit 1 → (a+b+c+d+e+f+g+p)–(a+h)≤40 m.

9.4.3 System containing VRV indoor units and RA indoor units

System setup



Header
BP box
1~5 RA indoor units
6,7 VRV indoor units

Maximum allowable length

- Between outdoor unit and indoor unit.

Actual piping length	100 m	Example: a+b+g+l≤100 m
Equivalent length(a)	120 m	—
Total piping length	250 m	Example: a+b+d+g+l+k+c+e+f+h+i+j≤250 m

(a) Assume equivalent piping length of REFNET joint=0.5 m and REFNET header=1 m (for calculation purposes).

- Between BP unit and indoor unit.

Indoor unit capacity index	Pipe length
<60	2~15 m
60	2~12 m
71	2~8 m

Remark: **Minimum allowable length** between outdoor unit and first refrigerant branch kit>5 m (the refrigerant noise from the outdoor unit can be transmitted).

Example: a>5 m

Maximum allowable height difference

H1	≤50 m (40 m) (if outdoor is located below indoor units)
H2	≤15 m
H4	≤40 m
H5	≤15 m
H6	≤5 m

Maximum allowable length after branch

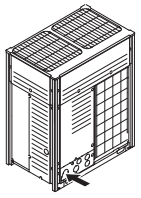
The pipe length from the first refrigerant branch kit to the indoor unit ≤50 m.

Example: b+g+l≤50 m

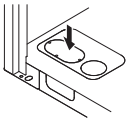
If the piping length between the first branch and BP unit or VRV indoor unit is over 20m, it is necessary to increase the gas and liquid piping size between the first branch and BP unit or VRV indoor unit. If the piping diameter of the sized up piping exceeds the diameter of the piping before the first branch kit, than the latter also requires a liquid piping and gas piping size up.

9.5 Multi system piping installation

- Front connection
  Remove the front plate knock out holes to connect (see figure below).



- Bottom connection
  Remove the knock out holes on the bottom frame and route the piping under the bottom frame (see figure below).



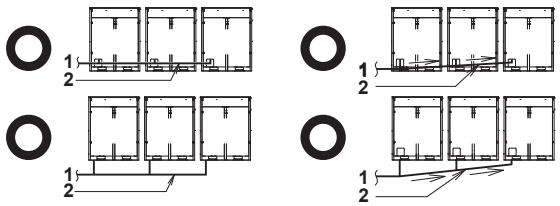
9.5.1 Precautions when connecting piping between outdoor units (multiple outdoor unit system)

- To connect the piping between outdoor units, an optional multi connection piping kit BHFP22P100/151 is always required. When installing the piping, follow the instructions in the installation manual that comes with the kit.
- Only proceed with piping work after considering the limitations on installing listed here and in the chapter "10.2. Connecting the refrigerant piping" always referring to the installation manual delivered with the kit.

9.5.2 Possible installation patterns and configurations

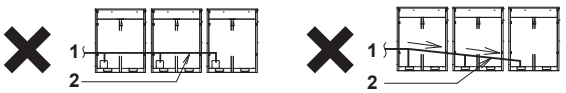
- The piping between the outdoor units must be routed level or slightly upward to avoid the risk of oil retention into the piping.

Pattern 1 **Pattern 2**



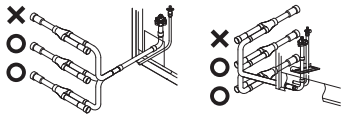
1 To indoor unit
2 Piping between outdoor units

Prohibited patterns: change to pattern 1 or 2.

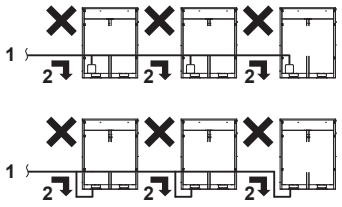


1 To indoor unit
2 Piping between outdoor units

- To avoid the risk of oil retention to the outmost outdoor unit, always connect the stop valve and the piping between outdoor units as shown in the 4 correct possibilities of the figure below.

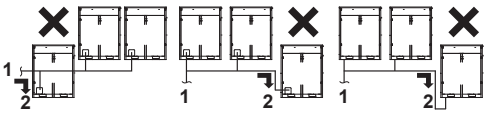


Prohibited patterns: change to pattern 1 or 2.



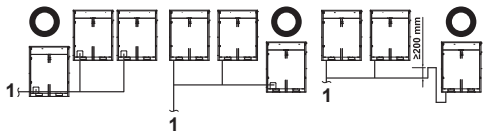
1 To indoor unit
2 Oil collects to the outmost outdoor unit

Change to configuration as in figures below



1 To indoor unit
2 Oil collects to the outmost outdoor unit when the system stops

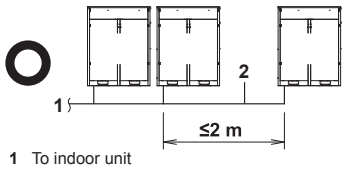
Correct configuration



1 To indoor unit

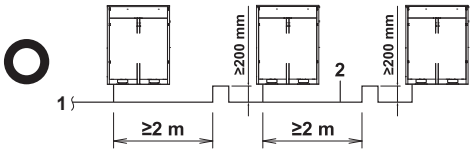
- If the piping length between the outdoor units exceeds 2m, create a rise of 200mm or more in the gas line within a length of 2m from the kit.

If ≤2 m



1 To indoor unit
2 Piping between outdoor units

If >2 m



1 To indoor unit
2 Piping between outdoor units

10. Precautions on refrigerant piping

- Do not allow anything other than the designated refrigerant to get mixed into the refrigerant cycle, such as air, nitrogen, etc. If any refrigerant gas leaks while working on the unit, ventilate the room thoroughly right away.
- Use R410A only when adding refrigerant
- Installation tools:
  Make sure to use installation tools (gauge manifold, charge hose, etc.) that are exclusively used for R410A installations to withstand the pressure and to prevent foreign materials (e.g., mineral oils and moisture) from mixing into the system.
- Vacuum pump:
  - Use a 2-stage vacuum pump with a non-return valve.
  - Make sure the pump oil does not flow oppositely into the system while the pump is not working.
  - Use a vacuum pump which can evacuate to –100.7 kPa (5Torr, –755 mm Hg).

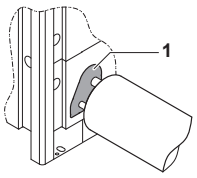
Protection against contamination when installing pipes

Take measures to prevent foreign materials like moisture and contamination from mixing into the system.

Place	Installation period	Protection method
	More than a month	Pinch the pipe
	Less than a month	Pinch or tape the pipe
	Regardless of the period	

Block all gaps in the holes for passing out piping and wiring using sealing material (field supply) (the capacity of the unit will drop and small animals may enter the machine).

Example: passing piping out through the front.



1 Close the areas marked with "▒". (When the piping is routed from the front panel.)

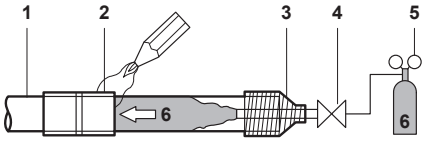
- Use clean pipes only.
- Hold the pipe end downwards when removing burrs.
- Cover the pipe end when inserting it through a wall so that no dust or dirt enters the pipe.

NOTICE

After all the piping has been connected, make sure there is no gas leak. Use nitrogen to perform a gas leak detection.

10.1 Caution for brazing

- Make sure to blow through with nitrogen when brazing. Blowing through with nitrogen prevents the creation of large quantities of oxidized film on the inside of the piping. An oxidized film adversely affects valves and compressors in the refrigerating system and prevents proper operation.
- The nitrogen pressure should be set to 0.02MPa (i.e., just enough so it can be felt on the skin) with a pressure-reducing valve.



1 Refrigerant piping
2 Part to be brazed
3 Taping
4 Handy valve
5 Pressure-reducing valve
6 Nitrogen

Do not use anti-oxidants when brazing the pipe joints. Residue can clog pipes and break equipment:

- Do not use flux when brazing copper-to-copper refrigerant piping. Use phosphor copper brazing filler alloy (BCuP) which does not require flux.
- Flux has an extremely harmful influence on refrigerant piping systems. For instance, if chlorine based flux is used, it will cause pipe corrosion or, in particular, if the flux contains fluorine, it will deteriorate the refrigerant oil.

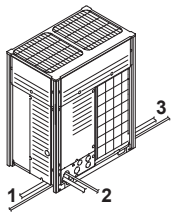
10.2 Connecting the refrigerant piping

NOTICE

Installation shall be done by an installer, the choice of materials and installation shall comply with the applicable legislation.

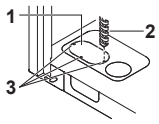
10.2.1 Decide front or side (bottom) connection

Installation of refrigerant piping is possible as front connection or side connection (when taken out from the bottom) as shown in the figure below.



1 Left-side connection
2 Front connection
3 Right-side connection

For side connections, the knockout hole on the bottom plate should be removed:



1 Large knockout hole
2 Drill
3 Points for drilling

NOTICE

Precautions when knocking out knockout holes:

- Be sure to avoid damaging the casing.
- After knocking out the knockout holes, we recommend you remove the burrs and paint the edges and areas around the edges using repair paint to prevent rusting.

- When passing electrical wiring through the knockout holes, wrap the wiring with protective tape to prevent damage as shown above.

10.2.2 Remove the pinched pipes

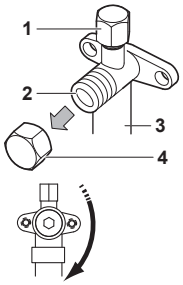
WARNING

Any gas or oil remaining inside the stop valve may blow off the pinched piping.

Failure to observe the instructions in procedure below properly may result in property damage or personal injury, which may be serious depending on the circumstances.

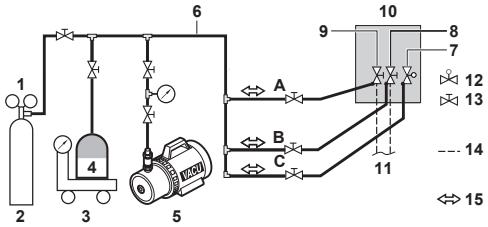
Use the following procedure to remove the pinched piping:

1 Remove the valve cover and make sure that the stop valves are fully closed.



1 Service port and service port cover
2 Stop valve
3 Field piping connection
4 Stop valve cover

2 Connect the vacuuming/recovery unit to service ports of all stop valves.



1 Gauge manifold
2 Nitrogen
3 Measuring instrument
4 Refrigerant R410A tank (siphon system)
5 Vacuum pump
6 Charge hose
7 Refrigerant auto charge valve
8 Gas pipe stop valve
9 Liquid pipe stop valve
10 Outdoor unit
11 To indoor unit
12 Needle valve
13 Stop valve
14 Field piping
15 Gas flow
A Valve A
B Valve B
C Valve C

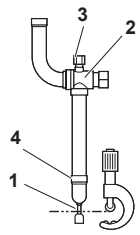
3 Recover gas and oil from the pinched piping by using a recovery unit.

CAUTION

Do not vent gases into the atmosphere.

4 When all gas and oil is recovered from the pinched piping, disconnect the charge hose and close the service ports.

5 Cut off the lower part of the smaller pinched piping with an appropriate tool (e.g., pipe cutter, a pair of nippers, …). Let the remaining oil drip out in case the recovery was not complete.



1 Pinched piping (small)
2 Stop valve
3 Service port
4 Pinched piping (large)

Wait until all oil is dripped out.

6 Remove the pinched piping (large)

WARNING

If there is residual oil or gas in the valve piping, removing the flattened pipe (large) can crack the shutoff valve and injure human body due to the flame caused by residual oil.

7 Wait until all oil is dripped out before continuing with the connection of the field piping in case the recovery was not complete.

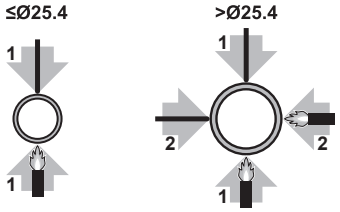
10.2.3 Connecting refrigerant piping to the outdoor unit

INFORMATION

All local inter unit piping are field supplied except the accessory pipes.

NOTICE

Precautions when connecting field piping. Add brazing material as shown in the figure.



NOTICE

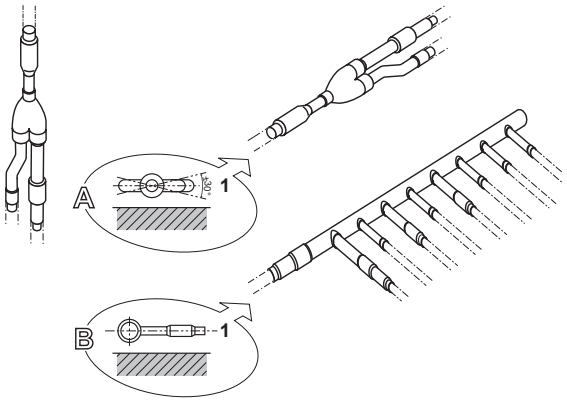
- Be sure to use the supplied accessory pipes when carrying out piping work in the field.
- Be sure that the field installed piping does not touch other pipes, the bottom panel or side panel. Especially for the bottom and side connection, be sure to protect the piping with suitable insulation, to prevent it from coming into contact with the casing.

Connection from the stop valves to the field piping can be done by using accessory pipes supplied as accessory.

The connections to the branch kits are the responsibility of the installer (field piping).

10.2.4 Branching the refrigerant piping

- For installation of the refrigerant branching kit, refer to the installation manual delivered with the kit.

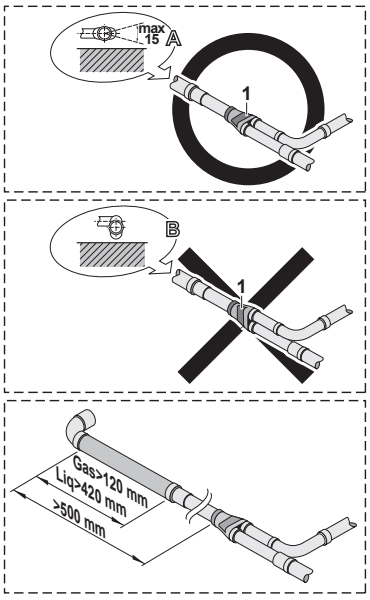


1 Horizontal surface

1 Mount the REFNET joint so that it branches either horizontally or vertically.

2 Mount the REFNET header so that it branches horizontally.

- Installation of the multi connection piping kit.



1 Install the joints horizontally, so that the caution label (1) attached to the joint comes to the top.
- Do not tilt the joint more than 15° (see view A).
- Do not install the joint vertically (see view B).

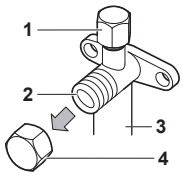
2 Make sure that the total length of the piping connected to the joint is absolute straight for more than 500 mm.
Only if a straight field pipe length.
- Gas field pipe length > 120 mm.
- Liquid field pipe length > 420 mm.

3 Improper installation may lead to malfunction of the outdoor unit.

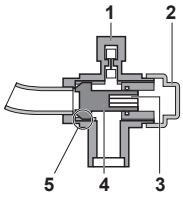
10.3 Guidelines for handling stop valve

10.3.1 Cautions on handling the stop valve

- Make sure to keep both stop valves open during operation.
- The figure below shows the name of each part required in handling the stop valve.
- The stop valve is factory closed.



1 Service port and service port cover
2 Stop valve
3 Field piping connection
4 Stop valve cover



1 Service port
2 Cap
3 Hexagon hole
4 Shaft
5 Seal

10.3.2 How to use the stop valve

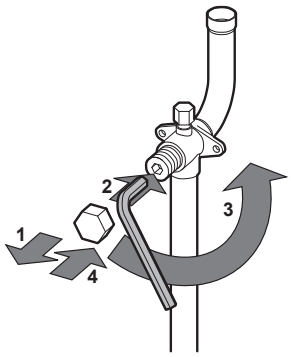
Opening the stop valve

1 Remove the valve cover.

2 Insert a hexagon wrench into the stop valve and turn the stop valve counterclockwise.

3 When the stop valve cannot be turned any further, stop turning. The valve is now open.

To fully open the Ø19.1 or Ø25.4 gas line stop valve, turn the hexagonal wrench until a torque between 27 and 33 N•m is achieved. Inadequate torque may cause leakage of refrigerant and breakage of the stop valve cap.



NOTICE

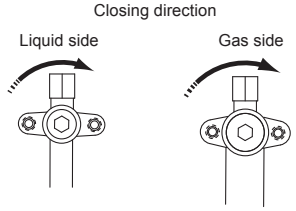
Pay attention that mentioned torque range is applicable for opening Ø19.1 and Ø25.4 gas line stop valves only.

Closing the stop valve

1 Remove the valve cover.

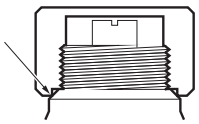
2 Insert a hexagon wrench into the stop valve and turn the stop valve clockwise.

3 When the stop valve cannot be turned any further, stop turning. The valve is now closed.



10.3.3 Cautions on handling the stop valve cover

- The stop valve cover is sealed where indicated by the arrow. Take care not to damage it.
- After handling the stop valve, make sure to tighten the stop valve cover securely. For the tightening torque, refer to the table below.
- Check for refrigerant leaks after tightening the stop valve cover.



10.3.4 Cautions on handling the service port

- Always use a charge hose equipped with a valve depressor pin, since the service port is a Schrader type valve.
- After handling the service port, make sure to tighten the service port cover securely. For the tightening torque, refer to the table below.
- Check for refrigerant leaks after tightening the service port cover.

10.3.5 Tightening torques

[Tightening torque]
The sizes of the shutoff valves on each model and the tightening torque for each size are listed in the table below.

<Size of Shutoff Valve>

	6 • 8 • 10HP type	12HP type	14HP type	16HP type	18HP type	20HP type
Liquid side shut-off valve	Ø 9.5 The 12HP type corresponds to the 12.7-diameter onsite piping using the included piping.		Ø 12.7 The 18~20HP type corresponds to the 15.9-diameter onsite piping using the accessory piping.			
Gas side shutoff valve	Ø 19.1 The 10HP type corresponds to the 22.2-diameter onsite piping using the accessory piping.	Ø 25.4 The 12~18HP type corresponds to the 28.6-diameter onsite piping using the accessory piping.				∅ 28.6

<Tightening torque>

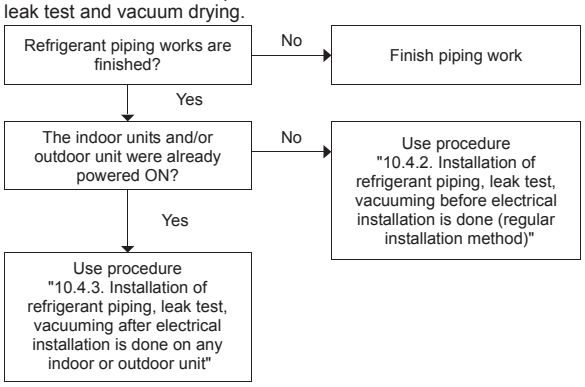
Shutoff valve size	Stop Valve Seal Structure	Tighten torque N•m (Turn clockwise to close)			
		Shaft (valve body)		Cap (valve lid)	Service port
Ø 9.5	Front - Seal Type	6.0±0.6	Hexagonal wrench 4 mm	15.0±1.5	12.7±1.2
Ø 12.7		9.0±0.9		20.0±2.0	
Ø 15.9		15.0±1.5	Hexagonal wrench 6 mm	25.0±2.5	
Ø 19.1	Front - Seal Type + Back - Seal Type	30.0±3.0	Hexagonal wrench 8 mm		
Ø 25.4					
Ø 28.6			Hexagonal wrench 10 mm		

10.4 Leak test and vacuum drying

It is very important that all refrigerant piping work is done before the units (outdoor or indoor) are powered on.

When the units are powered on, the expansion valves will initialize. This means that they will close. Leak test and vacuum drying of field piping and indoor units is impossible when this happens.

Therefore, there will be explained 2 methods for initial installation, leak test and vacuum drying.



10.4.1 General guidelines

- Use a 2-stage vacuum pump with a non-return valve which can evacuate to a gauge pressure of –100.7 kPa (5 Torr absolute, –755 mm Hg).
- Connect the vacuum pump to the service port of all 3 stop valves to increase efficiency (refer to "10.4.4.Setup").

NOTICE

Do not purge the air with refrigerants. Use a vacuum pump to evacuate the installation.

10.4.2 Installation of refrigerant piping, leak test, vacuuming before electrical installation is done (regular installation method)

When all piping work is complete, it is necessary to:

- Check for any leakages in the refrigerant piping.
- Perform vacuum drying to remove all moisture, air or nitrogen in the refrigerant piping.

If there is a possibility of moisture being present in the refrigerant piping (for example, rainwater may have entered the piping), carry out the vacuum drying procedure below until all moisture has been removed.

All piping inside the unit has been factory tested for leaks.

Only field installed refrigerant piping needs to be checked. Therefore, make sure that all the outdoor unit stop valves are firmly closed before performing leak test or vacuum drying.

NOTICE

Make sure that all (field supplied) field piping valves are OPEN (not outdoor unit stop valves!) before you start leak test and vacuuming.

10.4.3 Installation of refrigerant piping, leak test, vacuuming after electrical installation is done on any indoor or outdoor unit

Apply outdoor unit setting [2-21]=1 before starting leak test and vacuuming.
This setting will open field expansion valves to guarantee a R410A piping pathway.

NOTICE

- Make sure that all (field supplied) field piping valves are OPEN (not outdoor unit stop valves!) before you start leak test and vacuuming.
- Make sure that all indoor units connected to the outdoor unit are powered on.
- Wait until the outdoor unit has finished the initialisation to apply setting [2-21].

When all piping work is complete, it is necessary to:

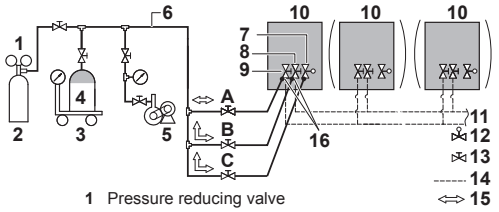
- Check for any leakages in the refrigerant piping.
- Perform vacuum drying to remove all moisture, air or nitrogen in the refrigerant piping.

If there is a possibility of moisture being present in the refrigerant piping (for example, rainwater may have entered the piping), first carry out the vacuum drying procedure below until all moisture has been removed.

All piping inside the unit has been factory tested for leaks.

Only field installed refrigerant piping needs to be checked. Therefore, make sure that all the stop valves are firmly closed before performing leak test or vacuum drying. (See “10.4.4 Set up” and “10.4 Leak test and vacuum drying”)

10.4.4 Setup



1 Pressure reducing valve
2 Nitrogen
3 Measuring instrument
4 Refrigerant R410A tank (siphon system)
5 Vacuum pump
6 Charge hose
7 Refrigerant auto charge valve
8 Gas line stop valve
9 Liquid line stop valve
10 Outdoor unit
11 To indoor unit
12 Needle valve
13 Stop valve
14 Field piping
15 Gas flow
16 Stop valve service port
A Valve A
B Valve B
C Valve C

Which valves?	State of valves
State of the valves A and B and the stop valve	Performing the airtightness test and vacuum drying (Valve A always close, if not may be cause of refrigerant leakage)
Valve A	Open
Valve B	Open
Valve C	Close
Liquid side stop valve	Close
Gas side stop valve	Close

NOTICE

The connections to the indoor units and all indoor units should also be leak and vacuum tested. Keep any possible (field supplied) field piping valves open as well.

Refer to the indoor unit installation manual for more details. Leak test and vacuum drying should be done before the power supply is set to the unit. If not, see also the flow chart earlier described in this chapter (see "10.4.Leak test and vacuum drying").

10.4.5 Leak test

The leak test must satisfy the specifications of EN 378-2:

1 Vacuum leak test:

1.1 Evacuate the system from the liquid and gas piping to –100.7 kPa (5 Torr) for more than 2 hours.

1.2 Once reached, turn off the vacuum pump and check that the pressure does not rise for at least 1 minute.

1.3 Should the pressure rise, the system may either contain moisture (see vacuum drying below) or have leaks.

2 Pressure leak test:

2.1 Break the vacuum by pressurizing with nitrogen gas to a minimum gauge pressure of 0.2 MPa (2 bar). Never set the gauge pressure higher than the maximum operation pressure of the unit, i.e. 4.0 MPa (40 bar).

2.2 Test for leaks by applying a bubble test solution to all piping connections.

2.3 Discharge all nitrogen gas.

NOTICE

Make sure to use a recommended bubble test solution from your wholesaler. Do not use soap water, which may cause cracking of flare nuts (soap water may contain salt, which absorbs moisture that will freeze when the piping gets cold), and/or lead to corrosion of flared joints (soap water may contain ammonia which causes a corrosive effect between the brass flare nut and the copper flare.

10.4.6 Vacuum drying

To remove all moisture from the system, proceed as follows:

1 Evacuate the system for at least 2 hours to a target vacuum of –100.7 kPa.

2 Check that, with the vacuum pump turned off, the target vacuum is maintained for at least 1 hour.

3 Should you fail to reach the target vacuum within 2 hours or maintain the vacuum for 1 hour, the system may contain too much moisture.

4 In that case, break the vacuum by pressurizing with nitrogen gas to a gauge pressure of 0.05 MPa (0.5 bar) and repeat steps 1 to 3 until all moisture has been removed.

5 The outdoor stop valves can now be opened, and/or additional refrigerant can be charged (see "14.3 Method for adding refrigerant").

INFORMATION

After opening the stop valve, it is possible that the pressure in the refrigerant piping does not rise. This might be caused by e.g., the closed state of the expansion valve in the outdoor unit circuit, but does not present any problem for correct operation of the unit.

NOTICE

The connections to the indoor units and all indoor units should also be leak and vacuum tested. Keep, if existing, all (field supplied) field valves to the indoor units open as well.

Leak test and vacuum drying should be done before the power supply is set to the unit. If not, see "10.4 Leak test and vacuum drying" for more information.

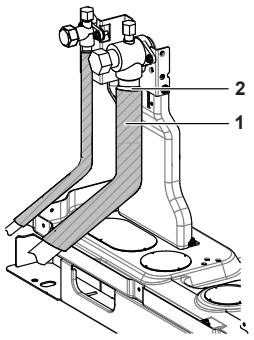
11. Pipe insulation

After finishing the leak test and vacuum drying, the piping must be insulated. Take into account the following points:

- Make sure to insulate the connection piping and refrigerant branch kits entirely.
- Be sure to insulate the liquid and gas piping (for all units).
- Use heat resistant polyethylene foam which can withstand a temperature of 70°C for liquid piping and gas piping.
- Reinforce the insulation on the refrigerant piping according to the installation environment.

Ambient temperature	Humidity	Minimum thickness
≤30°C	75% to 80% RH	15 mm
>30°C	>80% RH	20 mm

- If there is a possibility that condensation on the stop valve might drip down into the indoor unit through gaps in the insulation and piping because the outdoor unit is located higher than the indoor unit, this must be prevented by sealing up the connections. See below figure.



1 Insulation material
2 Caulking etc.

12. Electrical wiring work

12.1 Precautions on electrical wiring work

WARNING

Electrical installation. All field wiring and components must be installed by a licensed electrician and must comply with the applicable legislation.

NOTICE

Electrical wiring work recommendations. To persons in charge of electrical wiring work: Do not operate the unit until the refrigerant piping is complete. "10.4 Leak test and vacuum drying". Running the unit before the piping is ready will break the compressor.

DANGER: Electrical shock

See "2. General safety precautions".

WARNING

- A main switch or other means for disconnection, having a contact separation in all poles, must be incorporated in the fixed wiring in accordance with the applicable legislation.
- Use only copper wires.
- All field wiring must be carried out in accordance with the wiring diagram supplied with the unit and the instructions given below.
- Never squeeze bundled cables and be sure that it does not come in contact with the non-insulated piping and sharp edges. Be sure no external pressure is applied to the terminal connections.
- Power supply wires must be attached securely.
- If the power supply has a missing or wrong N-phase, equipment will break down.
- Be sure to establish an earth. Do not earth the unit to a utility pipe, surge absorber, or telephone earth. Incomplete earth may cause electrical shock.
- Be sure to install an earth leakage protector in accordance with the applicable legislation. Failure to do so may cause electric shock or fire.
- Be sure to use a dedicated power circuit, never use a power supply shared by another appliance.

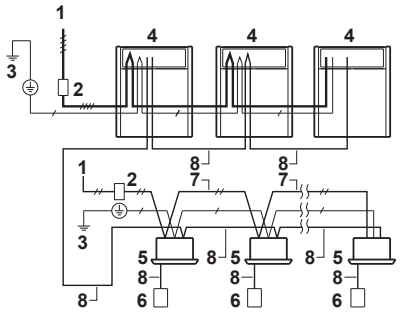
WARNING

- When installing the earth leakage protector be sure that it is compatible with the inverter (resistant to high frequency electric noise) to avoid unnecessary opening of the earth leakage protector.
- As this unit is equipped with an inverter, installing a phase advancing capacitor not only will deteriorate power factor improvement effect, but also may cause a capacitor abnormal heating accident due to high-frequency waves. Therefore, never install a phase advancing capacitor.
- Be sure to install the required fuses or circuit breakers.
- Do not operate until refrigerant piping work is completed. (If operated before completion of the piping work, the compressor may break down.)
- Never remove a thermistor, sensor, etc., when connecting power wiring and transmission wiring. (If operated without thermistor, sensor, etc., the compressor may break down.)
- The reversed phase protection detector of this product only functions when the product starts up. Consequently reversed phase detection is not performed during normal operation of the product.
- The reversed phase protection detector is designed to stop the product in the event of an abnormality when the product is started up.
- Replace two of the three phases (L1, L2, and L3) during reverse-phase phase protection abnormality.
- If there exists the possibility of reversed phase after a momentary black out and the power goes on and off while the product is operating, attach a reversed phase protection circuit locally. Running the product in reversed phase can break the compressor and other parts.

12.2 System overview of field wiring

Field wiring consists of power supply (always including earth) and indoor-outdoor communication (= transmission) wiring.

Examples:



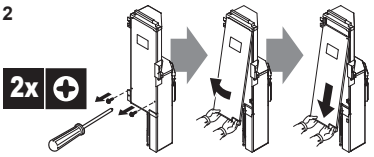
1 Field power supply (with earth leakage protector)
2 Main switch
3 Earth connection
4 Outdoor unit
5 Indoor unit
6 User interface
7 Power supply wiring (sheathed cable)
8 Transmission wiring (sheathed cable) (16V)
Power supply 3N~ 50/60 Hz
Power supply 1~ 50/60 Hz
Earth wiring

12.3 Opening and closing the electrical component box

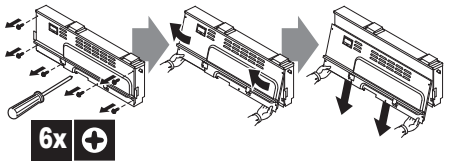
CAUTION

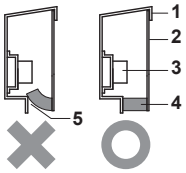
- Do not apply excessive force when opening the electronic component box cover. Excessive force can deform the cover, resulting in entering of water to cause equipment failure.
- When closing the electrical component box cover, make sure that the sealing material on the lower back side of the cover is not caught and bend towards the inside.

RXQ6~12



RXQ14~20





1 Electrical component box cover
2 Front side
3 Power supply terminal block
4 Sealing material
5 Moisture and dirt could enter
X Not allowed
O Allowed

12.4 Requirements

The power supply must be protected with the required safety devices, i.e. a main switch, a slow blow fuse on each phase and an earth leakage protector in accordance with the applicable legislation.

Selection and sizing of the wiring should be done in accordance with the applicable legislation based on the information mentioned in the table below.

Standard Model

Model	Minimum circuit ampere	Recommended fuses	Wire Size
RXQ6A	16.1 A	20 A	Select and install the power supply wiring in accordance with IEC 60335-1
RXQ8A	16.1 A	20 A	
RXQ10A	21.2 A	25 A	
RXQ12A	22.5 A	25 A	
RXQ14A	26.9 A	30 A	
RXQ16A	30.2 A	35 A	
RXQ18A/AM	30.2 A	35 A	
RXQ20A/AM	38.9 A	45 A	
RXQ22AM	43.7 A	50 A	
RXQ24AM	45.0 A	50 A	
RXQ26AM	49.4 A	60 A	
RXQ28AM	52.8 A	60 A	
RXQ30AM	52.8 A	60 A	
RXQ32AM	57.1 A	70 A	
RXQ34AM	60.5 A	70 A	
RXQ36AM	60.5 A	70 A	
RXQ38AM	69.1 A	80 A	
RXQ40AM	77.7 A	90 A	
RXQ42AM	75.3 A	90 A	
RXQ44AM	83.9 A	100 A	
RXQ46AM	84.0 A	100 A	
RXQ48AM	87.4 A	100 A	
RXQ50AM	87.4 A	100 A	
RXQ52AM	90.7 A	100 A	
RXQ54AM	90.7 A	100 A	
RXQ56AM	99.4 A	110 A	
RXQ58AM	108.0 A	125 A	
RXQ60AM	116.6 A	150 A	

For all models:
Phase and frequency: 3N~50/60 Hz
Voltage: 380-415 V / 380 V
Transmission line section: 0.75~1.25mm^2, maximum length is 1000 m.
Remark: For other model please see detail in Engineering Data.
Note: Insulation of supply wiring must not lighter than 60245 IEC 57.

If the total transmission wiring exceeds these limits, it may result in communication error.

NOTICE

When using residual current operated circuit breakers, be sure to use a high-speed type 200 mA rated residual operating current.

12.5 Routing

It is important to keep the power supply and the transmission wiring separated from each other. In order to avoid any electrical interference the distance between both wiring should always be at least 50 mm.

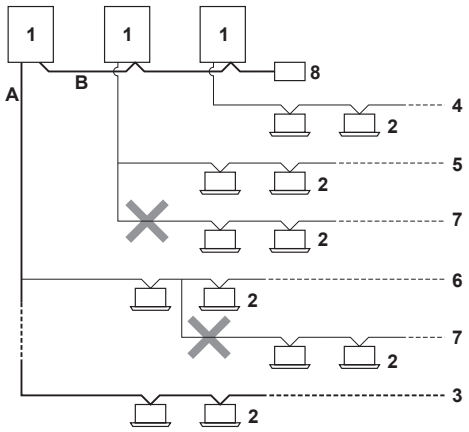
12.5.1 Transmission wiring routing

The transmission wiring outside the unit should be wrapped and routed together with the field piping.

Field piping can be routed from front or bottom of the unit (going left or right). Refer to "10.2.Connecting the refrigerant piping".

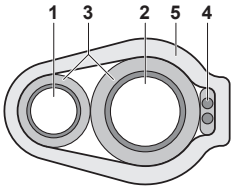
Rules for transmission wiring routing

- Be sure to follow the limits below. If the unit-to-unit cables are beyond these limits, it may result in malfunction of transmission:
  - Maximum wiring length: 1000 m.
  - Total wiring length: 2000 m.
  - Maximum inter unit wiring length between outdoor units: 30 m.
  - Maximum number of branches: 16.
  - Maximum number of independent interconnectable systems: 10.
- Up to 16 branches are possible for unit-to-unit cabling. No branching is allowed after branching (see figure below).



1 Outdoor unit
2 Indoor unit
3 Main line
4 Branch line 1
5 Branch line 2
6 Branch line 3
7 No branch is allowed after branch
8 Central user interface (etc...)
A Transmission wiring between outdoor unit and indoor unit(s)
B Transmission wiring between outdoor units

- Never connect the power supply to transmission wiring terminal block. Otherwise the entire system may break down.
- Never connect 400 V to the terminal block of the transmission wiring. Doing so will break the entire system:
  - The wiring from the indoor units must be connected to the F1/F2 (In-Out) terminals on the PC board in the outdoor unit.
  - After installing the transmission wires inside the unit, wrap them along with the on-site refrigerant pipes using finishing tape, as shown in figure below.



1 Liquid pipe
2 Gas pipe
3 Insulator
4 Transmission wiring (F1/F2)
5 Finishing tape

For the above wiring, always use vinyl cords with 0.75 to 1.25mm^2 sheathed or cables (2-core wires).

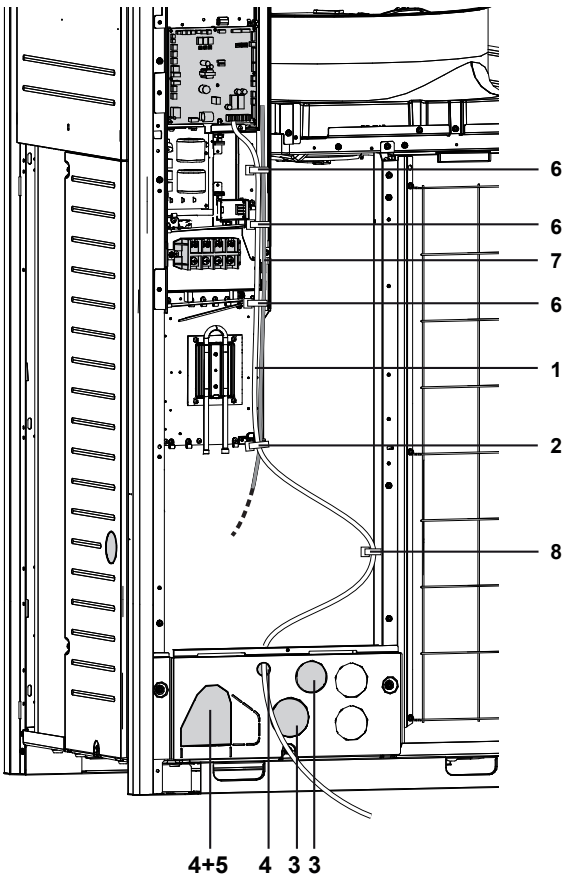
NOTICE

- Be sure to keep the power line and transmission line apart from each other. Transmission wiring and power supply wiring may cross, but may not run parallel.
- Transmission wiring and power supply wiring may not touch internal piping (except INV PCB cooling pipe) in order to avoid wire damage due to high temperature piping.
- Firmly close the lid and arrange the electrical wires so as to prevent the lid or other parts from coming loose.

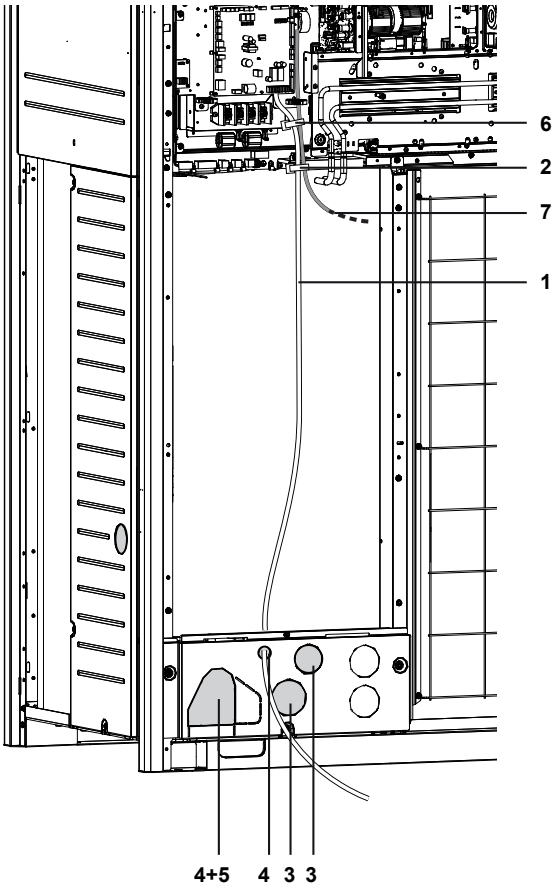
Transmission wiring routing to the unit and inside the unit.
Transmission wiring can be routed through the front side only:

- Fix transmission wire with tie wrap (1) to low voltage wiring. See figures below, item 6.
- Possible transmission wire entrance hole (close hole to avoid bugs/dirt from entering). See figures below, item 4.
- Possible transmission wire entrance hole (close hole to avoid bugs/dirt from entering). Fix transmission wiring to pipe insulation with tie wraps. See figures below, item 5.
- Inside the electronic component box, the transmission wire should be fixed on several locations with tie wraps to low voltage wiring. See figures below, items 2 and 6.
- Fix transmission wire with tie wrap (2) to heat exchanger fixing plate (hole). See figures below, item 8.

RXQ6~12



RXQ14~20



1 Transmission wiring
2 Fix wiring with tie wrap
3 Possible power supply wire entrance hole(a)
4 Possible transmission wire entrance hole(a)
5 Possible transmission wire entrance hole.(a) Fix wiring to pipe insulation with tie wraps
6 Inside the electronic component box, the wiring should be fixed on several locations with tie wraps to the factory mounted low voltage wiring.
7 Factory mounted low voltage wiring
8 Fix wiring with tie wrap (2) to heat exchanger fixing plate (hole).

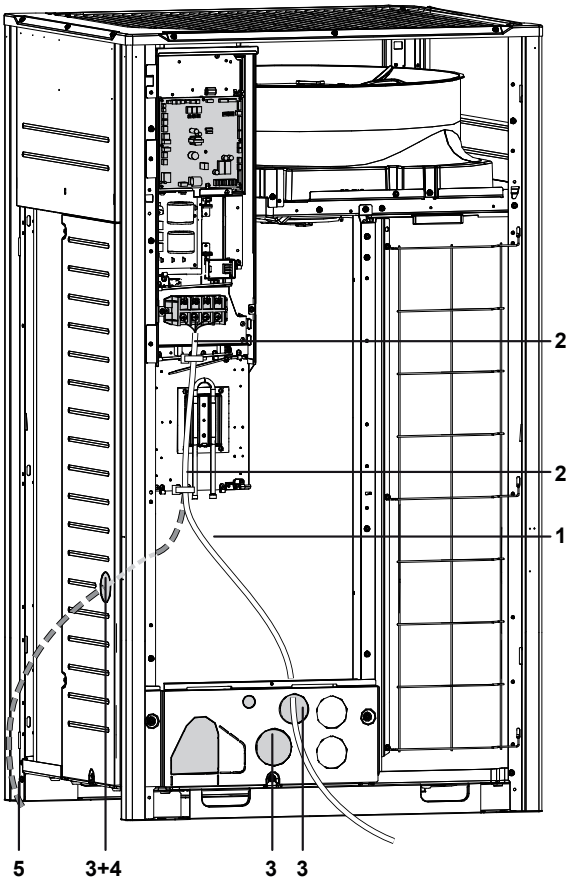
(a) Knockout hole has to be removed. Close the hole to avoid small animals or dirt from entering.

12.5.2 Power supply wiring routing

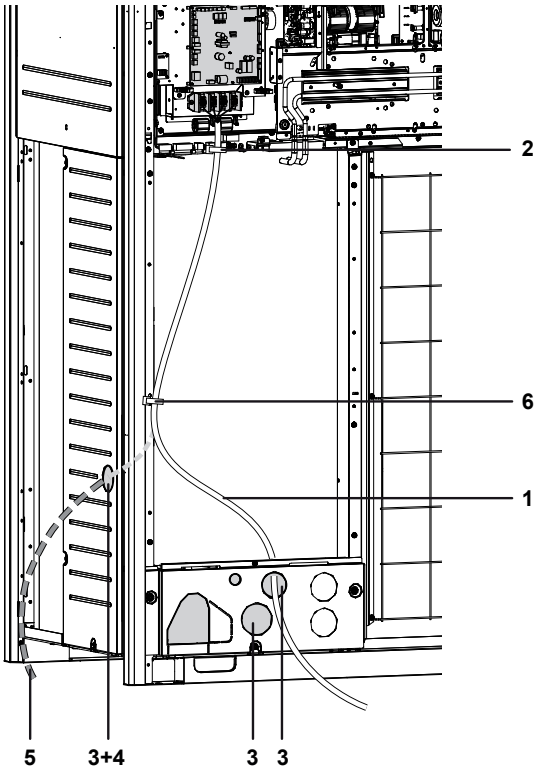
Power supply wire routing to the unit and inside the unit. The power supply wiring can be routed from the front and left side.

- Front side. In order to route the power supply from the front side, the available knockout holes can be used:
  - Fix the power supply cable to the foreseen wire clips with a tie wrap. See figures below, item 2.
  - Front plate: possible power supply wire entrance hole (close hole to avoid bugs/dirt from entering). See figures below, item 3.
  - Side plate: possible power supply wire entrance hole (close hole to avoid bugs/dirt from entering). Use conduit. See figures below, item 4.

RXQ6~12



RXQ14~20

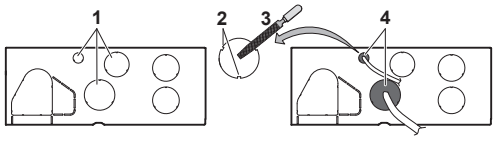


1 Power supply wire
2 Fix wiring with tie wrap
3+4 Possible power supply wire entrance hole(a)
5 Alternative power supply routing
6 Fix wiring with tie wrap to support plate.

(a) Knockout hole has to be removed. Close the hole to avoid small animals or dirt from entering.

12.5.3 Precautions when knocking out knockout holes

- To punch a knockout hole, hit on it with a hammer.
- After knocking out the holes, we recommend removing any burrs and paint the edges and areas around the holes using repair paint to prevent rusting.
- When passing electrical wiring through the knockout holes. prevent damage to the wires by wrapping the wiring with protective tape, putting the wires through field supplied protective wire conduits at that location, or install suitable field supplied wire nipples or rubber bushings into the knockout holes.



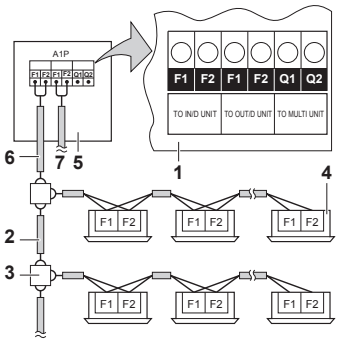
1 Knockout hole
2 Burr
3 Remove burrs
4 If there are any possibilities that small animals enter the system through the knockout holes, plug the holes with packing materials (to be prepared on-site)

12.6 Connection

This chapter gives an explanation how to route and connect the wiring within the unit.

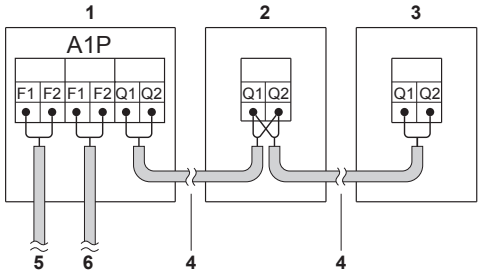
12.6.1 Connection of transmission wiring to the system

In case of single outdoor unit installation



1 Outdoor unit PCB board (A1P)
2 Use the conductor of sheathed wire (2 wire) (no polarity)
3 Terminal board (field supply)
4 Indoor unit
5 Outdoor unit
6 Outdoor - indoor unit transmission (F1/F2)
7 Outdoor - other system transmission (F1/F2)

In case of multi outdoor unit installation

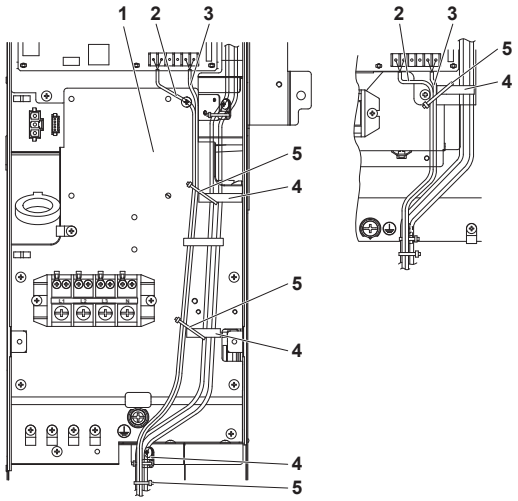


1 Unit A (master unit)
2 Unit B (slave unit)
3 Unit C (slave unit)
4 Inter unit transmission wiring (Q1/Q2)
5 Outdoor-indoor unit transmission (F1/F2)
6 Outdoor-other system transmission (F1/F2)

- The interconnecting wiring between the outdoor units in the same piping system must be connected to the Q1/Q2 (Out Multi) (4) terminals. Connecting the wires to the F1/F2 terminals results in system malfunction.
- The wiring for the other systems must be connected to the F1/F2 (Out-Out) (6) terminals of the PCB board in the outdoor unit to which the interconnecting wiring for the indoor units is connected.
- The base unit is the outdoor unit to which the interconnecting wiring for the indoor units is connected.

12.6.2 Connection of wiring to terminals

Transmission wiring in outdoor unit



1 Fix to the indicated plastic brackets using field supplied clamping material
2 Wiring between the units (indoor-outdoor) (F1/F2 left)
3 Internal transmission wiring (Q1/Q2)
4 Plastic bracket
5 Field supplied clamps

Care should be taken for connecting the wires to the terminal block.

See the table below for the tightening torque of the transmission wiring terminals.

Screw size	Tightening torque (N•m)
M3.5 (A1P)	0.88±0.08

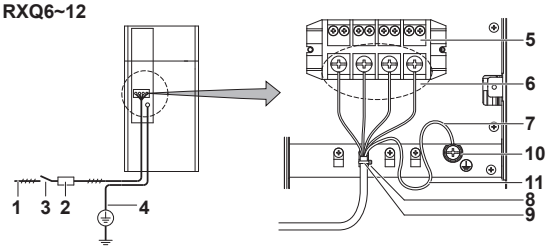
- Never connect the power supply to transmission wiring terminal block. Otherwise the entire system may break down.
- Be careful about polarity of the transmission wiring.

Power supply

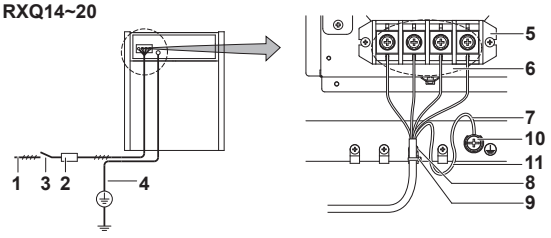
The power supply must be clamped to the plastic bracket using field supplied clamp material.

The green and yellow striped wire must be used for earthing only (refer to the figure below).

RXQ6~12



RXQ14~20



1 Power supply (380~415 V - 3N~ 50 Hz / 380 V - 3N~60 Hz)
2 Fuse
3 Earth leakage protector
4 Earth wire
5 Power supply terminal block
6 Connect each power wire: RED to L1, WHT to L2, BLK to L3 and BLU to N
7 Earth wire (GRN/YLW)
8 Clamp the power supply to the plastic bracket using a field supplied clamp to prevent external force being applied to the terminal.
9 Clamp (field supplied)
10 Cup washer
11 When connecting the earth wire, it is recommended to perform curling.

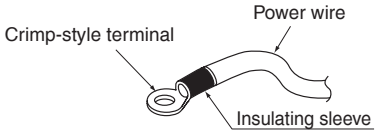
NOTICE

- When routing earth wires, secure clearance of 25 mm or more away from compressor lead wires. Failure to observe this instruction properly may adversely affect correct operation of other units connected to the same earth.
- When connecting the power supply, the earth connection must be made before the current-carrying connections are established. When disconnecting the power supply, the current-carrying connections must be separated before the earth connection is. The length of the conductors between the power supply stress relief and the terminal block itself must be as such that the current-carrying wires are tautened before the earth wire is in case the power supply is pulled loose from the stress relief.

NOTICE

Precautions when laying power wiring:

- Do not connect wiring of different thicknesses to the power terminal block (slack in the power wiring may cause abnormal heat).
- Be sure to use crimp-style terminal with insulating sleeves for connections. (See the figure below.)



- When connecting wiring which is the same thickness, do as shown in the figure below.

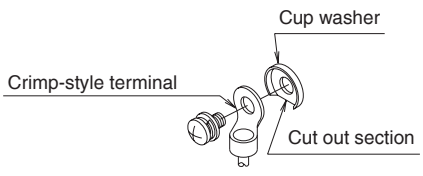
- For wiring, use the designated power wire and connect firmly, then secure to prevent outside pressure being exerted on the terminal board.
- Use an appropriate screwdriver for tightening the terminal screws. A screwdriver with a small head will damage the head and make proper tightening impossible.
- Over-tightening the terminal screws may break them.
- See the table below for tightening torque for the terminal screws.

Tightening torque (N•m)	
M8 (Power terminal block)	6.3±0.6
M8 (Ground)	
M3.5 (Inter-unit wiring terminal block)	0.88±0.08

NOTICE

Recommendations when connecting the earth wire

Wire it so that it comes through the cut out section of the cup washer. (An improper earth connection may prevent a good earthing from being achieved.) (See the figure below.)

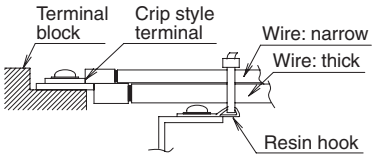


Connecting the power supply to multiple outdoor units

To connect the power supply for multiple outdoor units to each other, ring tongues have to be used. No bare cable can be used.

The ring washer which is standard provided should be removed in that case.

Attaching both cables to the power supply terminal should be done as indicated.



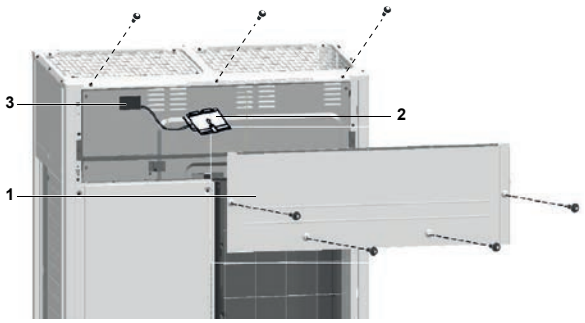
13. Making field settings

To continue the configuration of the VRV cooling only system, it is required to give some input to the logic board of the unit. This chapter will describe how manual input is possible by operating the push buttons/DIP switches on the logic board and reading the feedback from the 7 segment displays.

13.1 Accessing the push buttons on the logic board

It is not required to open the complete electronic component box to access the push buttons on the logic board and read out the 7 segment display(s).

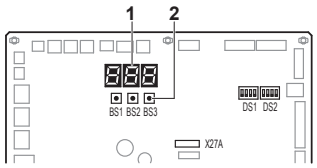
To access you can remove the front plate (see figure). Now you can open the inspection cover of the electrical component box front plate (see figure). You can see the three push buttons and the three 7 segment displays and DIP switches.



1 Front plate
2 Inspection cover
3 Main PCB with 3 seven segment display and 3 push buttons

Operate the switches and push buttons with an insulated stick (such as a closed ball-point pen) to avoid touching of live parts.

Location of the 7 segment displays, buttons and DIP switches:



BS1 MODE for changing the set mode
BS2 SET for field setting
BS3 RETURN for field setting
DS1, DS2 DIP switches
1 7 segment displays (3x)
2 Push buttons

Segment display indications:

Off
Blinking
On

13.2 Operating the push buttons and DIP switches on the logic board

13.2.1 Operating the push buttons

By operating the push buttons it is possible to:

- Perform special actions (test run, etc).
- Perform field settings (demand operation, low noise, etc).

Below procedure explains how to operate the push buttons to reach the required mode in the menu, select the correct setting and modify the value of the setting. This procedure can be used any time special settings and regular field setting are discussed in this manual.

Setting definition: [A-B]=C; A=mode; B=setting; C=setting value. A, B and C are numerical values for field settings. Parameter C has to be defined. It can be a chosen from a set (0, 1, 2, 3, 4, 5, …) or regarded as an ON/OFF (1 or 0) depending on the contents. This is informed when the field setting is explained.

INFORMATION

During special operation (e.g., test run, etc.) or when an malfunction happened, information will contain letters and numerical values.

Functions of the push button switches which are located on the outdoor PCB (A1P)

Turn on the power supply of the outdoor unit and all indoor units. When the communication between indoor units and outdoor unit(s) is established and normal, the segment indication state will be as below (default situation when shipped from factory).

When turning on the power supply: flashing as indicated. First checks on power supply are executed (1~2 min).

When no trouble occurs: lighted as indicated (8~10 min).

Ready for operation: blank display indication as indicated.

When above situation cannot be confirmed after 12 min, the malfunction code can be checked on the indoor unit user interface and the outdoor unit segment display. Solve the malfunction code accordingly. The communication wiring should be checked at first.

Accessing modes

BS1 is used to change the mode you want to access.

- **Access mode 1**
  Push BS1 one time. Segment indication changes to:

- **Access mode 2**
  Push BS1 for at least 5 seconds. Segment indication changes to:

INFORMATION

If you get confused in the middle of the process, push BS1. Then it returns to idle situation (no indication on segment displays: blank)

Mode 1

Mode 1 is used to set basic settings and to monitor the status of the unit.

- Changing and access the setting in mode 1:
  Once mode1 is selected (push BS1 1 time), you can select the wanted setting. It is done by pushing BS2. Accessing the selected setting's value is done by pushing BS3 1 time.
- To quit and return to the initial status, press BS1.

Example:

Checking the content of parameter [1-10] (to know how many indoor units are connected to the system).

[A-B]=C in this case defined as: A=1; B=10; C=the value we want to know/monitor:

- Make sure the segment indication is as during normal operation (default situation when shipped from factory).
- Push BS1 1 time; result segment display:

  Result: mode 1 is accessed.
- Push BS2 10 times; result segment display:

  Result: mode 1 setting 10 is addressed.
- Push BS3 1 time; the value which is returned (depending on the actual field situation), is the amount of indoor units which are connected to the system.
  Result: mode1 setting 10 is addressed and selected, return value is monitored information
- To leave the monitoring function, push BS1 1 time, you will return to the default situation when shipped from factory.

Mode 2

Mode2 is used to set field settings of the outdoor unit and system.

- Changing and access the setting in mode 2:
  Once mode 2 is selected (push BS1 for more than 5 seconds), you can select the wanted setting. It is done by pushing BS2. Accessing the selected setting's value is done by pushing BS3 1 time.
- To quit and return to the initial status, press BS1.
- Changing the value of the selected setting in mode 2:
  - Once mode 2 is selected (push BS1 for more than 5 seconds) you can select the wanted setting. It is done by pushing BS2.
  - Accessing the selected setting's value is done by pushing BS3 1 time.
  - Now BS2 is used to select the required value of the selected setting.
  - When the required value is selected, you can define the change of value by pushing BS3 1 time.
  - Press BS3 again to start operation according to the chosen value.

Example:

Checking the content of parameter [2-18] (to define the high static pressure setting of the outdoor unit's fan).

[A-B]=C in this case defined as: A=2; B=18; C=the value we want to know/change

- Make sure the segment indication is as during normal operation (default situation when shipped from factory).
- Push BS1 for over 5 seconds; result segment display:

  Result: mode 2 is accessed.
- Push BS2 18 times; result segment display:

  Result: mode 2 setting 18 is addressed.
- Push BS3 1 time; the value which is returned (depending on the actual field situation), is the status of the setting. In the case of [2-18], default value is "0", which means the function is not active.
  Result: mode2 setting 18 is addressed and selected, return value is the current setting situation.
- To change the value of the setting, push BS2 till the required value appears on the segment indication. When achieved, define the setting value by pushing BS3 1 time. To start operation according to the chosen setting, confirm again by pushing BS3.
- To leave the monitoring function, push BS1 2 times, you will return to the default situation when shipped from factory.

13.2.2 Operating the DIP switches

By operating the DIP switches it is possible to:

	What to do with DIP switch DS1
1	OFF=not installed=factory setting
2-4	NOT USED DO NOT CHANGE THE FACTORY SETTING
	What to do with DIP switch DS2
1-4	NOT USED DO NOT CHANGE THE FACTORY SETTING

14. Charging refrigerant

14.1 Precautions

NOTICE

- Refrigerant cannot be charged until field wiring has been completed.
- Refrigerant may only be charged after performing the leak test and the vacuum drying.
- When charging a system, care shall be taken that its maximum permissible charge is never exceeded, in view of the danger of liquid hammer.
- Charging with an unsuitable substance may cause explosions and accidents, so always ensure that the appropriate refrigerant R410A is charged.
- Refrigerant containers shall be opened slowly.
- Always use protective gloves and protect your eyes when charging refrigerant.
- When the refrigerant system is to be opened, refrigerant must be treated according to the applicable legislation.

DANGER: Electrical shock

See "2. General safety precautions".

- To avoid compressor breakdown. Do not charge the refrigerant more than the specified amount.
- This outdoor unit is factory charged with refrigerant and depending on pipe sizes and pipe lengths some systems require additional charging of refrigerant.
- In case re-charge is required, refer to the nameplate of the unit. It states the type of refrigerant and necessary amount.

14.2 Calculating the additional refrigerant charge

How to calculate the additional refrigerant to be charged

Additional refrigerant to be charged=R (kg). R should be rounded off in units of 0.1 kg.

R=[(X_1 @ **Ø22.2**) x 0.36+(X_2 @ **Ø19.1**) x 0.26+(X_3 @ **Ø15.9**) x 0.17+ (X_4 @ **Ø12.7**) x 0.11+(X_5 @ **Ø9.5**) x 0.057+(X_6 @ **Ø6.4**) x 0.022]+A

$X_{1...6}$ =Total length (m) of liquid piping size at **Øa**

A parameter (kg)	Total indoor unit capacity CR(a)	HP			
		6~8	10~12	14~18	20
Piping lengths≤30 m	50%≤CR≤105%	0			0.5
	105%<CR≤130%	0.5			1.0
	130%<CR≤160%	0.5			1.3
	160%<CR≤200%	0.5	0.7	1.0	1.5
Piping length>30 m	50%≤CR≤70%	0			0.5
	70%<CR≤85%	0.3	0.5		1.0
	85%<CR≤105%	0.7	1.0		1.5
	105%<CR≤130%	1.2	1.5		2.0
	130%<CR≤160%	1.2	1.5		2.3
	160%<CR≤200%	1.2	1.7	2.0	2.5

(a) CR=Connection ratio.

Piping length is considered the distance from the outdoor unit to the farthest indoor unit.

When using metric piping, please take into account following table concerning the weight factor to be allocated. It should be substituted in the formula for R.

Inch piping	
size (Ø) (mm)	Weight factor
Ø6.4 (1/4")	0.022
Ø9.5 (3/8")	0.057
Ø12.7 (1/2")	0.11
Ø15.9 (5/8")	0.17
Ø19.1 (3/4")	0.26
Ø22.2 (7/8")	0.36

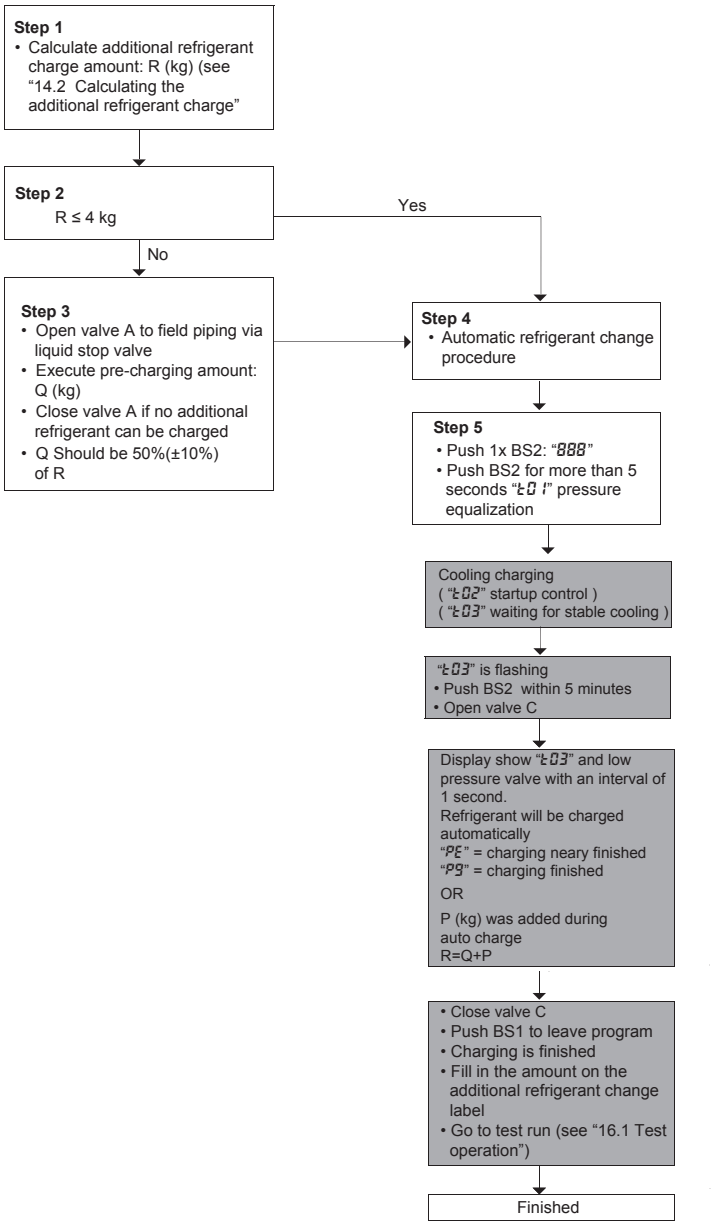
When selecting indoor unit, following table with connection ratio limitation has to be respected. More detailed information can be found in technical engineering data.

Used indoor units	Total capacity CR(a)	Allowable capacity connection ratio	
		VRV	RA
VRV	50~200%	50~200%	—
VRV + RA	50~130%	0~130%	0~130%
RA	50~130%	—	50~130%

(a) Connection ratio.

14.3 Method for adding refrigerant

14.3.1 Flow chart

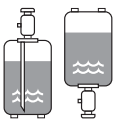


See figure "Location of valves" ; for more information refer to the text in this chapter.

Be sure to charge the specified amount of refrigerant in liquid state. Since this refrigerant is a mixed refrigerant, adding it in gas form may cause the refrigerant composition to change, preventing normal operation.

- Before charging, check whether the refrigerant cylinder is equipped with a siphon tube or not.

Charge the liquid refrigerant with the cylinder in upright position.



Charge the liquid refrigerant with the cylinder in upside-down position.

- Be sure to use tools exclusively for R410A to ensure required pressure resistance and to prevent foreign materials from mixing into the system.

NOTICE

Charging with an unsuitable substance may cause explosions and accidents, so always make sure that the appropriate refrigerant (R410A) is charged.Refrigerant containers must be opened slowly.

CAUTION

- If charge refrigerant without automatic charging procedure, refrigerant amount might over the permissible quantity and result to liquid hammer.
- Always use protective gloves and protect your eyes when charging refrigerant.
- When the refrigerant charging procedure is done or when pausing, close the valve of the refrigerant tank immediatety. If the tank is left with the valve open, the amount of refrigerant which is properly charged may get off point. More refrigerant may be charged by any remaining pressure after the unit has stopped.

NOTICE

- If the power of some units is turned off, the charging procedure cannot be finished properly.
- In case of a multiple outdoor system, turn on the power of all outdoor units.
- Make sure to turn ON the power 6 hours before starting the operation. This is necessary to warm the crankcase by per-heating operation (automatic)
- If operation is performed within 12 minutes after the indoor and outdoor units are turned on, the compressor will not operate before the communication is established in a correct way between outdoor unit(s) and indoor units.
- Before starting charging procedures, check if the segment display indication of the outdoor unit A1P PCB is as normal (see "Functions of the push button switches which are located on the outdoor PCB (A1P)"). If a malfunction code is present, see "16.2. Malfunction code list".
- Make sure all connected indoor units are recognised
- Close the front panel before any refrigerant charge operation is executed. Without the front panel attached the unit cannot judge correctly whether it is operating properly or not.

NOTICE

In case of maintenance and the system (outdoor unit+field piping+indoor units) does not contain any refrigerant any more (e.g., after refrigerant reclaim operation), the unit has to be charged with its original amount of refrigerant (refer to the nameplate on the unit) by pre-charging before the automatic charging function can be started.

14.3.2 Charging method

As explained during vacuum drying method, once vacuum drying is finished, additional refrigerant charging can start.

A flow chart is available which gives an overview of the possibilities and actions to be taken (see “14.3.1 Flow chart”).

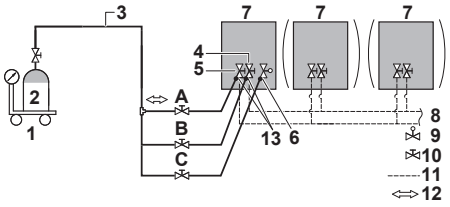
Follow the steps as described below and take into account whether you use the automatic charge function or pre-charging.

1 Calculate the additional amount of refrigerant to be added using the formula mentioned in "14.2 Calculating the additional refrigerant charge"

2 Check the additional refrigerant amount R (kg)
- Total additional refrigerant is 4 kg or less (R ≤ 4 kg) perform the automatic refrigerant charging procedure as explained in step 4.
- Total additional refrigerant amount more than 4 kg (R > 4 kg) perform the per-charging procedule as explained in step 3.

3 The first 50% (±10%) of additional refrigerant can be charged without outdoor unit operation.
- Pre-charging can be done without compressor running by connecting the refrigerant bottle only to the liquid stop valve service port (open valve A). Make sure that the stop valves are closed (valve C and valve B+gas line stop valve)

Location of valves



1 Measuring instrument
2 Refrigerant R410A tank (siphon system)
3 Charge hose
4 Gas line stop valve
5 Liquid line stop valve
6 Refrigerant auto change valve
7 Outdoor unit
8 To indoor unit
9 Needle valve
10 Stop valve
11 Field piping
12 Gas flow
13 Stop valve service port
A Valve A
B Valve B
C Valve C

- After pre-charging, perform the refrigerant charge operation as shown below an charge the remaining refrigerant of the additional charging amount through valve C.
  Open the liquid and gas side stop valves.
  Valves A and B and C must remain closed !

INFORMATION

For a multi outdoor unit system, it is not required to connect all charge ports to a refrigerant tank.

The refrigerant will be charged with 22 kg in 1 hour time at an outdoor temperature of 30°C DB or with 6 kg at an outdoor temperature of 0°C DB.

If you need to speed up in case of a multiple outdoor system, connect the refrigerant tanks to each outdoor unit.

NOTICE

- The unit's internal piping is already factory charged with refrigerant, so be careful when connecting the charge hose.
- After adding the refrigerant, do not forget to close the lid of the refrigerant charging port. The tightening torque for the lid is 11.5 to 13.9 N•m.
- In order to ensure uniform refrigerant distribution, it may take the compressor ±10 minutes to start up after the unit has started operation. This is not a malfunction.

4 Adding refrigerant by using the automatic charging function

INFORMATION

The automatic refrigerant charging has limits as described below.

- Outdoor temperature: 0°C DB~43°C DB.
- Indoor temperature: 10°C DB~32°C DB.

5 The remaining additional refrigerant charge can be charged by operating the outdoor unit depending on the ambient limitation conditions (see above).
Procedure

- Idle (default) screen is shown.
- Push BS2 once, indication “ 888 ”.
- Push BS2 for more than 5 seconds, wait while the unit is preparing for operation. Segment display indication: “E01” (pressure control is executed):
  - Cooling operation is started: indication “E02” till “E03” will be displayed (start up control; waiting stable cooling operation).

■ When "E03" starts flashing (ready for charging), push BS2 within 5 minutes. Open valve C. If BS2 is not pushed within 5 minutes, a malfunction code will appear:
- Cooling operation: malfunction code "P2" will appear. Push BS1 to abort and restart the procedure.

Cooling (middle segment indicates "0")
Automatic charging will continue, the segment indication shows the current low pressure value and the status indication "E03" intermittent.
If the segment indication/user interface of indoor unit shows "PE" code, charging is almost finished. When the unit stops operating, close valve C and check whether the segment indication/user interface of indoor unit shows "P9".
This indicates the automatic charging in cooling program was finished successfully.

INFORMATION

When the charging amount is little, the "PE" code may not be displayed, but instead the "P9" code will be displayed immediately.

When the required (calculated) additional refrigerant amount is already charged before "PE" or "P9" indication appears, close valve C and wait till "P9" is displayed.

INFORMATION

■ When a malfunction is detected during the procedure (e.g, in case of closed stop valve), a malfunction code will be displayed. In that case, refer to "16.2 Malfunction code list" and solve the malfunction accordingly. Resetting the malfunction can be done by pushing BS1. The procedure can be restarted from 5).

■ Aborting the automatic refrigerant charge is possible by pushing BS1. The unit will stop and return to idle condition.

Information which may occur during additional refrigerant charging procedures:

P8: Indoor unit freeze up prevention
Action: Close valve C . Reset malfunction by pushing BS1. Retry auto charge procedure.

P2: Abnormal low pressure drop
Action: Clase valve C . Reset malfunction by pushing BS1. Check following items before retry auto charge procedure:
- Check if the gas side stop valve is opened correctly.
- Check if the valve of the refrigerant cylinder is opened.
- Check if the air inlet and outlet of the indoor units are not obstructed.

Other malfunction code: close valve C . Confirm the malfuntion code and take corresponding action, "16.2 Malfuction code list".

14.3.3 Checks after adding refrigerant

- Are the stop valves for liquid and gas open?
- Is the amount of refrigerant, that has been added, recorded on the refrigerant charge label?

NOTICE

Make sure to open all stop valves after (pre-) charging the refrigerant.

Operating with the stop valves closed will damage the compressor.

15. Monitoring function and field settings

The operation of the outdoor unit can further be defined by changing some field settings. Next to making field settings it is also possible to confirm the current operation parameters of the unit.

Below relevant Monitoring mode (mode 1) and Field setting mode (mode 2) settings are explained in detail. How to access them, how to change the value of the settings and how to confirm them is explained in "13. Making field settings" . In that chapter, an example is given on how to make a setting. It is advised to check this procedure before accessing, checking and changing below settings.

Once the default situation of the segment indication is confirmed (see "13. Making field settings"), the mode 1 and mode 2 can be accessed.

Making settings is done via the master outdoor unit.

15.1 Mode 1

Mode 1 can be used to monitor the current situation of the outdoor unit. Some field setting contents can be monitored as well.

Below the settings in mode 1 are explained.

[1-0]= shows whether the unit you check is a master, slave 1 or slave 2 unit
- No indication=undefined situation
- 0=outdoor unit is master unit
- 1=outdoor unit is slave 1 unit
- 2=outdoor unit is slave 2 unit

Master, slave 1 and slave 2 indications are relevant in multiple outdoor unit system configurations. The allocation of which outdoor unit is master, slave 1 or slave 2 are decided by the unit's logic.

The master unit should be used to input field settings in mode 2

[1-1]= shows the status of low noise operation
- 1=unit is currently operating under low noise restrictions
- 0= unit is currently not operating under low noise restrictions

Low noise operation reduces the sound generated by the unit compared to nominal operating conditions.

Low noise operation can be set in mode 2. There are two methods to activate low noise operation of the outdoor unit system.

The first method is to enable an automatic low noise operation during night time by field setting. The unit will operate at the selected low noise level during the selected time frames.

The second method is to enable low noise operation based on an external input. For this operation an optional accessory is required.

[1-2]= shows the status of power consumption limitation operation
- 1=unit is currently operating under power consumption limitation
- 0=unit is currently not operating under power consumption limitations

Power consumption limitation reduces the power consumption of the unit compared to nominal operating conditions.

Power consumption limitation can be set in mode 2. There are two methods to activate power consumption limitation of the outdoor unit system.

The first method is to enable a forced power consumption limitation by field setting. The unit will always operate at the selected power consumption limitation.

The second method is to enable power consumption limitation based on an external input. For this operation an optional accessory is required.

[1-5]= shows the current T_e target parameter position. Refer to "15.3 Energy saving and optimum operation" for more details about the contents of this value

[1-10]= shows the total number of connected indoor units.

It can be convenient to check if the total number of indoor units which are installed match the total number of indoor units which are recognized by the system. In case there is a mismatch, It is advised to check the communication wiring path between outdoor and indoor units (F1/F2 communication line).

[1-13]= shows the total number of connected outdoor units (in case of multiple outdoor system).

It can be convenient to check if the total number of outdoor units which are installed matches the total number of outdoor units which are recognized by the system. In case there is a mismatch, It is advised to check the communication wiring path between outdoor and outdoor units (Q1/Q2 communication line).

[1-17]= shows the latest malfunction code.

[1-18]= shows the malfunction code which occurred 1 time before current malfunction code.

[1-19]= shows the malfunction code which occurred 2 time before current malfunction code.

When the latest malfunction codes were reset by accident on an indoor unit user interface, they can be checked again through this monitoring settings. For the content or reason behind the malfunction code see “16.2 Malfunction code list”, where most relevant malfunction codes are explained. Detailed information about malfunction codes can be consulted in the service manual of this unit.

[1-38]= shows the number of RA indoor units connected to the system.

[1-40]= shows the current cooling comfort setting. See “15.3 Energy saving and optimum operation” for more details about this setting.

15.2 Mode 2

Mode 2 is used to change the field settings of the system. Consulting the current field setting value and changing the current field setting value is possible.

In general, normal operation can be resumed without special intervention after changing field settings.

Some field settings are used for special operation (e.g., 1 time operation, recovery/vacuuming setting, manual adding refrigerant setting, etc.). In such a case, it is required to abort the special operation before normal operation can restart. It will be indicated in below explanations.

[2-8]= T_e target temperature T_e fix control
Default value=2

Value [2-8]	T_e target
2	6 (Default)
3	7
4	8
5	9
6	10
7	11

Change [2-8]=2~7 in function of required operation method during cooling.

[2-11]= Activation VRT control and VRT Smart control via External control adaptor (Optinal).

Value [2-11]	Meaning
0	Inactive (Default)
1	VRT Smart active by demand terminal short-circuit
2	VRT Smart active by low noise terminal short-circuit

VRT Smart can be activated by short circuit the terminal on External control adaptor (Optional) according to [2-11] setting.

If the terminal on external control adapter is not connected by short circuit with [2-11]≠0, the system operates according to [2-8] setting.

[2-12]= Enable the low noise function and/or power consumption limitation via external control adaptor (DTA104A61/62)

If the system needs to be running under low noise operation or under power consumption limitation conditions when an external signal is sent to the unit, this setting should be changed. This setting will only be effective when the optional external control adaptor (DTA104A61/62) is installed.

Default value=0
To activate this function change [2-12]=1.

[2-18]= Fan high static pressure setting

In order to increase the static pressure the outdoor unit fan is delivering, this setting should be activated. For details about this setting,see technical specifications.

Default value=0.
To activate this function change [2-18]=1.

[2-21]= Refrigerant recovery/vacuuming mode

In order to achieve a free pathway to reclaim refrigerant out of the system or to remove residual substances or to vacuum the system it is necessary to apply a setting which will open required valves in the refrigerant circuit so the reclaim of refrigerant or vacuuming process can be done properly.

Default value=0
To activate function charge [2-21]=1

To stop the refrigerant recovery/vacuuming mode, push BS3. If BS3 is not pushed, the system will remain in refrigerant recovery/vacuuming mode.

[2-22]= Night time low noise setting and level.

By changing this setting, you activate the automatic low noise operation function of the unit and define the level of operation. Depending on the chosen level, the noise level will be lowered (4:Level4<3:Level3<2:Level2<1:Level1). The start and stop moments for this function are defined under setting [2-26] and [2-27].

Default value=0.
To activate function change [2-22]=1,2,3 or 4.

[2-23]= Activate T_e fix control.

In order to operate Te fix control, it is necessary to apply a setting below. T_e value depends on [2-8] setting.

Default value=0.
T_e fix control [2-23]=1

[2-25]= Low noise operation level via the external control adaptor.

If the system needs to be running under low noise operation conditions when an external signal is sent to the unit, this setting defines the level of low noise that will be applied (4:Level4<3:Level3<2:Level2<1:Level1).

This setting will only be effective when the optional external control adaptor (DTA104A61/62) is installed and the setting [2-12] was activated.

Default value=2
To activate function change [2-25]=1,2,3 or 4.

[2-26]= Low noise operation start time
Change [2-26]=1,2 or 3 in function of required timing.

Default value=2.

Value [2-26]	Start time automatic low noise operation (approximately)
1	20:00
2	22:00 (default)
3	24:00

This setting is used in conjunction with setting [2-22].

[2-27]= Low noise operation stop time
Default value=3

Value [2-27]	Stop time automatic low noise operation (approximately)
1	6:00
2	7:00
3	8:00 (default)

This setting is used in conjunction with setting [2-22].

[2-30]= Power consumption limitation level (step 1) via the external control adaptor (DTA104A61/62).

If the system needs to be running under power consumption limitation conditions when an external signal is sent to the unit, this setting defines the level power consumption limitation that will be applied for step 1. The level is according to the table.

Default value=3
Change [2-30]=1,2,3,4,5,6,7 or 8 in function of required limitation.

Value [2-30]	Power consumption limitation (approximately)
1	60%
2	65%
3	70% (default)
4	75%
5	80%
6	85%
7	90%
8	95%

[2-31]= Power consumption limitation level (step 2) via the external control adaptor (DTA104A61/62).

If the system needs to be running under power consumption limitation conditions when an external signal is sent to the unit, this setting defines the level power consumption limitation that will be applied for step 2. The level is according to the table.

Default value=1
Change [2-31]=1,2 or 3 in function of required limitation.

Value [2-31]	Power comsumption limitation (approximately)
1	40% (default)
2	50%
3	55%

[2-32]= Forced, all time, power consumption limitation operation (no external control adaptor is required to perform power consumption limitation).

If the system always needs to be running under power consumption limitation conditions, this setting activates and defines the level power consumption limitation that will be applied continuously. The level is according to the table.

Default value=0 (OFF)

Value [2-32]	Restriction reference
0	Function not active (default)
1	Follows [2-30] setting
2	Follows [2-31] setting

Change [2-32]=0,1 or 2 in function of required limitation.

[2-49]= Max, level difference setting
In case the outdoor location is higher than indoor, extension is possible up till 90 m, Refer to [2-49] for dedicated setting.

Value [2-49]	Max, level difference setting
0	OFF(default)
1	ON

[2-81]= Cooling comfort setting for VRT control
Default value=1

Value [2-81]	Cooling comfort setting
0	Eco
1	Mild (default)
2	Quick
3	Powerful

Change [2-81]=0,1,2 or 3 in function of required limitation.

For more information and advice about the impact of these settings, see “15.3 Energy saving and optimum operation”.

[2-83]= Master user interface allocation in case VRV indoor units and RA indoor units are used at the same time.

By changing setting [2-83], you can allow the VRV indoor unit to be the operation mode selector (system power OFF/ON is required after applying this setting).

- [2-83]=1 RA indoor unit has mode selection right (default setting).
- [2-83]=0 VRV indoor unit has mode selection right.

[2-95]= Eco level setting for VRT smart control.

Default value =0

Value [2-95]	Eco level setting
0	Standard (Default)
1	Middle
2	High

15.3 Energy saving and optimum operation

This VRV cooling only system is equipped with two kinds of advanced energy saving functionality(VRT and VRT smart control). Detecting all connected indoor units type, advanced energy saving functionality type is selected automatically.Depending on the priority, emphasises can be put on energy saving or comfort level. Several parameters can be selected, resulting in the optimal balance between energy consumption and comfort for the particular application.

Several patterns are available and explained below. Modify the parameters to the needs of your building and to realize the best balance between energy consumption and comfort.

15.3.1 Four main operation methods are available:

- **Basic**
  The refrigerant temperature is fixed independent from the situation. It corresponds to the standard operation which is known and can be expected from/under previous VRV systems:
  - To activate this operation method under cooling operation: change field setting [2-23]=1 or disconnect the circuit between terminal on external control adaptor with [2-11]≠0.
- **Automatic for VRT control**
  The refrigerant temperature is set depending on the outdoor ambient conditions. As such adjusting the refrigerant temperature to match the required load (which is also related to the outdoor ambient conditions).
  E.g., when your system is operating in cooling, you do not need as much cooling under low outdoor ambient temperatures (e.g., 25°C) as under high outdoor ambient temperatures (e.g.,35°C). Using this idea, the system automatically starts increasing its refrigerant temperature, automatically reducing the delivered capacity and increasing the system's efficiency.
  - This operation is selected automatically with checking connected indoor unit type.
- **Automatic for VRT smart control**
  The refrigerant temperature is set depending on the required capacity sent from every indoor unit.
  - This operation is selected automatically with checking connected indoor unit type.
- **Hi-sensible**
  The refrigerant temperature is set higher (cooling) compared to basic operation. The focus under high sensible mode is comfort feeling for the customer. The selection method of indoor units is important and has to be considered as the available capacity is not the same as under basic operation. For details concerning to Hi-sensible applications, please contact your dealer.
  - To activate this setting under cooling operation: change field setting [2-8] to the appropriate value, matching the requirements of the pre-designed system containing a high sensible solution.

Value [2-8]	T_e target
3	7
4	8
5	9
6	10
7	11

15.3.2 Several comfort settings are available in VRT control

For each of above modes, automatic and hi-sensible, a comfort level can be selected. Thecomfort level is related to the timing and the effort (energy consumption) which is put in achieving a certain room temperature by temporarily changing the refrigerant temperature to different values in order to achieve requested conditions more quickly.

- **Powerful**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is allowed from the start up moment.
  In case of cooling operation the evaporating temperature is allowed to go down to 3°C on temporary base depending on the situation.

  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  - To activate the powerful comfort setting under cooling operation, change field setting [2-81]=3.
- **Quick**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is allowed from the start up moment.
  In case of cooling operation the evaporating temperature is allowed to go down to 6℃ on temporary base depending on the situation.

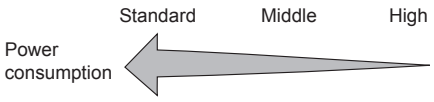
  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  - To activate the quick comfort setting under cooling operation, change field setting [2-81]=2.
- **Mild**
  Undershoot (during cooling operation) is allowed compared to the requested refrigerant temperature, in order to achieve the required room temperature very fast. The undershoot is not allowed from the start up moment. The start up occurs under the condition which is defined by the operation mode above.
  In case of cooling operation the evaporating temperature is allowed to go down to 6℃ on temporary base depending on the situation.

  When the request from the indoor units becomes more moderate, the system will eventually go to the steady state condition which is defined by the operation method above.
  The start up condition is different from the powerful and quick comfort setting.
  - To activate the mild comfort setting under cooling operation, change field setting [2-81]=1.
- **Eco**
  The original refrigerant temperature target, which is defined by the operation method (see above) is kept without any correction, unless for protection control.
  - To activate the eco comfort setting under cooling operation, change field setting [2-81]=0.

  No matter which control is selected, variations on the behaviour of the system are still possible due to protection controls to keep the unit operating under reliable conditions. The intentional target, however, is fixed and will used to obtain the best balance between energy consumption and comfort, depending on the application type.

15.3.3 Several Eco-level setting are available for VRT Smart control

Eco level can be selected by field setting [2-95] and according this setting, target Te is decided using capacity requirement from all indoor units.



16. Test run

16.1 Test operation

After installation and once the field settings are defined, the installer is obliged to verify correct operation. Therefore a test run must be performed according to the procedures described below.

16.1.1 Precautions before starting test operation

During test operation, the outdoor unit and the indoor units will start up:

- Make sure that the preparations of all indoor units are finished (field piping, electrical wiring, air purge, ...). See installation manual of the indoor units for details.

CAUTION

Do not insert fingers, rods or other objects into the air inlet or outlet. When the fan is rotating at high speed, it will cause injury.

CAUTION

Do not perform the test operation while working on the indoor units.

When performing the test operation, not only the outdoor unit, but the connected indoor unit will operate as well. Working on an indoor unit while performing a test operation is dangerous.

CAUTION

- During tests never pressurize the appliances with a pressure higher than the maximum allowable pressure (as indicated on the nameplate of the unit).
- If refrigerant gas leaks, ventilate the area immediately. Toxic gas may be produced if refrigerant gas comes into contact with fire.
- Never directly touch any accidental leaking refrigerant. This could result in severe wounds caused by frostbite.

DANGER: Do not touch piping and internal parts.

See "2. General safety precautions".

DANGER: Electrical shock

See "2. General safety precautions".

INFORMATION

Note that during the first running period of the unit, required power input may be higher. This phenomenon originates from the compressor that requires a 50 hour run elapse before reaching smooth operation and stable power consumption. Reason is that the scroll is made out of iron and that it takes some time to smooth the surfaces that make contact.

16.1.2 Test operation

The procedure below describes the test operation of the complete system. This operation checks and judges following items:

- Check of wrong wiring (communication check with indoor units).
- Check of the stop valves opening.
- Judgement of piping length.

On top of this system test operation, indoor units operation should also be checked separately.

- Make sure to carry out the system test operation after the first installation. Otherwise, the malfunction code U3 will be displayed on the user interface and normal operation or individual indoor unit test run cannot be carried out.
- Abnormalities on indoor units cannot be checked for each unit separately. After the test operation is finished, check the indoor units one by one by performing a normal operation using the user interface. Refer to the indoor unit installation manual for more details concerning the individual test run.

INFORMATION

- It may take 10 minutes to achieve a uniform refrigerant state before the compressor starts.
- During the test operation, the refrigerant running sound or the magnetic sound of a solenoid valve may become loud and the display indication may change. These are not malfunctions.

Procedure

1 Close all front panels in order to not let it be the cause of misjudgement (except the electrical component box inspection opening service cover).

2 Make sure all field settings you want are set.

3 Turn ON the power to the outdoor unit and the connected indoor units.

NOTICE

Be sure to turn on the power 6 hours before operation in order to have power running to the crankcase heater and to protect the compressor.

4 Make sure the default (idle) situation is existing; see "13.2 Operating the push buttons and DIP switches on the logic board" . Push BS2 for 5 seconds or more. The unit will start test operation.

- The test operation is automatically carried out, the outdoor unit display will indicate "t01" and the indication "Test operation" and "Under centralized control" will display on the user interface of indoor units.
  Steps during the automatic system test run procedure:
  - "t01": control before start up (pressure equalization)
  - "t02": cooling start up control
  - "t03": cooling stable condition
  - "t04": communication check
  - "t05": stop valve check
  - "t06": pipe length check
  - "t07": refrigerant amount check
  - "t08": in case [2-88]=0, detailed refrigerant situation check
  - "t09": pump down operation
  - "t10": unit stop
- During the test operation, it is not possible to stop the unit operation from a user interface. To abort the operation, press BS3. The unit will stop after ±30 seconds.

5 Check the test operation results on the outdoor unit segment display.

- Normal completion: no indication on the segment display (idle)
- Abnormal completion: indication of malfunction code on the segment display
  Refer to “16.1.3 Correcting after abnormal completion of the test operation” to take action for correcting the abnormality. When the test operation is fully completed, normal operation will be possible after 5 minutes.

16.1.3 Correcting after abnormal completion of the test operation

The test operation is only completed if there is no malfunction code displayed on the user interface or outdoor unit segment display. In case of a displayed malfunction code, perform correcting actions as explained in the malfunction code table. Carry out the test operation again and confirm that the abnormality is properly corrected.

INFORMATION

Refer to the installation manual of the indoor unit for other detailed malfunction codes related to indoor units.

16.2 Malfunction code list

In case of a displayed malfunction code, perform correcting actions as explained in the malfunction code table.

After correcting the abnormality, press BS3 to reset the malfunction code and retry operation.

The malfunction code which is displayed on the outdoor unit will indicate a main malfunction code and a sub code. The sub code indicates more detailed informati on about the malfunction code. The malfunction code will be displayed intermittent.

Example:

Main code **Sub code**

With an interval of 1second, the display will switch between main code and sub code.

Below table gives an overview of the malfunction codes which may appear.

Malfunction code				Contents	Solution
Main code	Sub code				
	Master	Slave 1	Slave 2		
E3	01	03	05	High pressure switch was activated (S1PH) - A1P(X2A).	Check stop valve situation or abnormalities in (field) piping or airflow over air cooled coil.
	02	04	06	• Refrigerant overcharge. • Stop valve closed.	• Check refrigerant amount+recharge unit. • Open stop valve.
	13	14	15	Stop valve closed (liquid).	Open liquid stop valve.
	20	21	22	High pressure switch was activated (S2PH) - A1P(X3A).	Check stop valve situation or abnormalities in (field) piping or airflow over air cooled coil.
E4	01	02	03	Low pressure malfunction : • Stop valve closed. • Refrigerant shortage. • Indoor unit malfunction.	• Open stop valve. • Check refrigerant amount+recharge unit. • Check the user interface's display or Transmission wiring between the outdoor unit and the indoor unit.
E9	01	05	08	Electronic expansion valve malfunction (main) (Y1E) - A1P(X21A).	Check connection on PCB or actuator.
	03	06	09	Electronic expansion valve malfunction (subcool) (Y2E) - A1P(X22A).	Check connection on PCB or actuator.
	26	27	28	Electronic expansion valve malfunction (refrigerant auto charge) (Y4E) - A1P(X25A).	Check connection on PCB or actuator.
F3	01	03	05	Discharge temperature too high (R21T/R22T) : • Stop valve closed. • Refrigerant shortage.	• Open stop valve. • Check refrigerant amount+recharge unit.
	20	21	22	Compressor casing temperature too high (R8T/R9T) : • Stop valve closed. • Refrigerant shortage.	• Open stop valve. • Check refrigerant amount+recharge unit.
F6	02			• Refrigerant overcharge. • Stop valve closed.	• Check refrigerant amount+recharge unit. • Open stop valve.
H9	01	02	03	Ambient temperature sensor malfunction (R1T) - A1P(X18A).	Check connection on PCB or actuator.
J3	16	22	28	Discharge temperature sensor malfunction (R21T): open circuit - A1P (X19A).	Check connection on PCB or actuator.
	17	23	29	Discharge temperature sensor malfunction (R21T): short circuit - A1P (X19A).	Check connection on PCB or actuator.
	18	24	30	Discharge temperature sensor malfunction (R22T): open circuit - A1P (X19A).	Check connection on PCB or actuator.
	19	25	31	Discharge temperature sensor malfunction (R22T): short circuit - A1P (X19A).	Check connection on PCB or actuator.
	38	42	44	Compressor casing temperature sensor malfunction (R9T): open circuit - A1P (X19A).	Check connection on PCB or actuator.
	39	43	45	Compressor casing temperature sensor malfunction (R9T): short circuit - A1P (X19A).	Check connection on PCB or actuator.
	47	49	51	Compressor casing temperature sensor malfunction (R8T): open circuit - A1P (X19A).	Check connection on PCB or actuator.
	48	50	52	Compressor casing temperature sensor malfunction (R8T): short circuit - A1P (X19A).	Check connection on PCB or actuator.
J5	01	03	05	Suction temperature sensor malfunction (R3T) - A1P (X30A).	Check connection on PCB or actuator.
J7	06	07	08	Liquid temperature sensor (after subcool HE) malfunction (R5T) - A1P (X30A).	Check connection on PCB or actuator.
J8	01	02	03	Liquid temperature sensor (coil) malfunction (R4T) - A1P (X30A).	Check connection on PCB or actuator.
J9	01	02	03	Gas temperature sensor (after subcool HE) malfunction (R6T) - A1P (X30A).	Check connection on PCB or actuator.
JA	06	08	10	High pressure sensor malfunction (S1NPH): open circuit - A1P (X32A).	Check connection on PCB or actuator.
	07	09	11	High pressure sensor malfunction (S1NPH): short circuit - A1P (X32A).	Check connection on PCB or actuator.
JC	06	08	10	Low pressure sensor malfunction (S1NPL): open circuit - A1P (X31A).	Check connection on PCB or actuator.
	07	09	11	Low pressure sensor malfunction (S1NPL): short circuit - A1P (X31A).	Check connection on PCB or actuator.
LC	14	15	16	Transmission outdoor unit - inverter: INV1 transmission trouble - A1P (X20A, X28A, X40A).	Check connection.
	19	20	21	Transmission outdoor unit - inverter: FAN1 transmission trouble - A1P (X20A, X28A, X40A).	Check connection.
	24	25	26	Transmission outdoor unit - inverter: FAN2 transmission trouble - A1P (X20A, X28A, X40A).	Check connection.
	30	31	32	Transmission outdoor unit - inverter: INV2 transmission trouble - A1P (X20A, X28A, X40A).	Check connection.

Malfunction code				Contents	Solution
Main code	Sub code				
	Master	Slave 1	Slave 2		
P1	01	02	03	INV1 unbalanced power supply voltage.	Check if power supply is within range.
	07	08	09	INV2 unbalanced power supply voltage.	Check if power supply is within range.
U2	01	08	11	INV1 voltage power shortage.	Check if power supply is within range.
	22	25	28	INV2 voltage power shortage.	Check if power supply is within range.
U3	03			Malfunction code: System test run not yet executed (system operation not possible).	Execute system test run.
	10			Malfunction code: System refrigerant auto charge run not yet executed.	Execute auto charge function (see manual).
	04			System test run abnormal ending.	Execute test run again.
U4	01			Faulty wiring to indoor - outdoor.	Check (F1/F2) wiring.
	03			Faulty indoor system.	Check indoor system transmissions wire.
U7	01			Warning: faulty wiring to Q1/Q2.	Check (Q1/Q2) wiring.
	02			Malfunction code: faulty wiring to Q1/Q2.	Check (Q1/Q2) wiring.
	11			• Too many indoor units are connected to F1/F2 line. • Bad wiring between outdoor and indoor units.	Check indoor unit amount and total capacity connected.
U9	01			• System mismatch. Wrong type of indoor units combined (R410A, R407C, RA). • Indoor unit malfunction.	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
UA	03			Connection malfunction over indoor units or type mismatch (R410A, R407C, RA).	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
	18			Connection malfunction over indoor units or type mismatch (R410A, R407C, RA).	Check if other indoor units have malfunction and confirm indoor unit mix is allowed.
	31			Wrong unit combination (multi system).	Check if unit types are compatible.
UF	01			Auto address malfunction (inconsistency).	Check if transmission wired unit amount matches with powered unit amount (by monitor mode) or wait till initialization is finished.
	05			Stop valve closed or wrong (during system test run).	Open stop valves.
UH	01			Auto address malfunction (inconsistency).	Check if transmission wired unit amount matches with powered unit amount (by monitor mode) or wait till initialization is finished.

INFORMATION

References can be found on the wiring diagram.

Information code	Contents	Solution
Main code		
Auto charging related.		
P2	Unusual low pressure on suction line.	Close valve C immediately. Push BS3 to reset. Check following items before retrying auto charge procedure: • Check if the gas side stop valve is opened correctly. • Check if the valve of the refrigerant cylinder is opened. • Check if the air inlet and outlet of the indoor unit are not obstructed.
P8	Freeze-up prevention indoor unit.	Close valve C immediately. Push BS3 to reset. Retry auto charge procedure.
PE	Automatic charging nearly finished.	Prepare for auto charge stopping.
P9	Automatic charging finished.	Finish auto charge mode.

17. Operation of the unit

Once the unit is installed and test operation of outdoor unit and indoor units is finished, the operation of the system can start.

For operating the indoor unit, the user interface of the indoor unit should be switched ON. Refer to the indoor unit operation manual for more details.

18. Caution for refrigerant leaks

18.1 Introduction

The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.

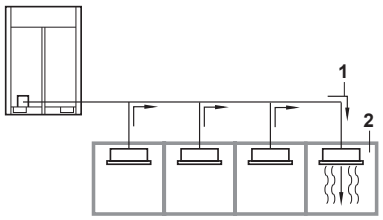
This system uses R410A as refrigerant. R410A itself is an entirely safe non-toxic, non-combustible refrigerant. Nevertheless care must be taken to ensure that air conditioning facilities are installed in a room which is sufficiently large. This assures that the maximum concentration level of refrigerant gas is not exceeded, in the unlikely event of major leak in the system and this in accordance to the local applicable regulations and standards.

18.2 Maximum concentration level

The maximum charge of refrigerant and the calculation of the maximum concentration of refrigerant is directly related to the humanly occupied space in to which it could leak.

The unit of measurement of the concentration is kg/m ^{3} (the weight in kg of the refrigerant gas in 1m ^{3} volume of the occupied space).

Compliance to the local applicable regulations and standards for the maximum allowable concentration level is required.



1 Direction of the refrigerant flow
2 Room where refrigerant leak has occurred (outflow of all the refrigerant from the system)

Pay special attention to places, such as basements etc., where refrigerant can stay, since refrigerant is heavier than air.

18.3 Procedure for checking maximum concentration

Check the maximum concentration level in accordance with steps 1 to 4 below and take whatever action is necessary to comply.

1 Calculate the amount of refrigerant (kg) charged to each system separately.

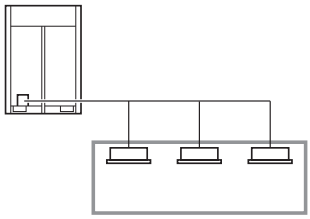
Amount of refrigerant in a single unit system (amount of refrigerant with which the system is charged before leaving the factory)	+	Additional charging amount (amount of refrigerant added locally in accordance with the length or diameter of the refrigerant piping)	=	Total amount of refrigerant (kg) in the system

NOTICE

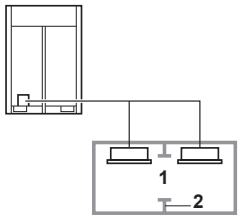
Where a single refrigerant facility is divided into 2 entirely independent refrigerant systems, use the amount of refrigerant with which each separate system is charged.

2 Calculate the volume of the room (m ^{3}) where the indoor unit is installed.
In a case such as the following, calculate the volume of (A), (B) as a single room or as the smallest room.

A Where there are no smaller room divisions:



B Where there is a room division, but there is an opening between the rooms sufficiently large to permit a free flow of air back and forth.



1 Opening between the rooms
2 Partition
(Where there is an opening without a door or where there are openings above and below the door which are each equivalent in size to 0.15% or more of the floor area.)

3 Calculating the refrigerant density using the results of the calculations in steps 1 and 2 above.

$$\frac{\text{Total volume of refrigerant in the refrigerant system}}{\text{Size (m}^3\text{) of smallest room in which there is an indoor unit installed}} \leq \text{Maximum concentration level (kg/m}^3\text{)}$$

If the result of the above calculation exceeds the maximum concentration level, a ventilation opening to the adjacent room shall be made.

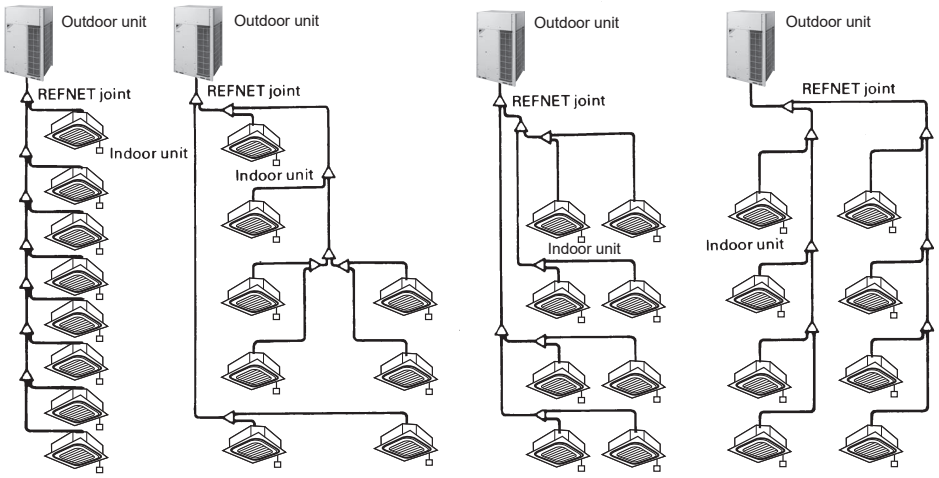
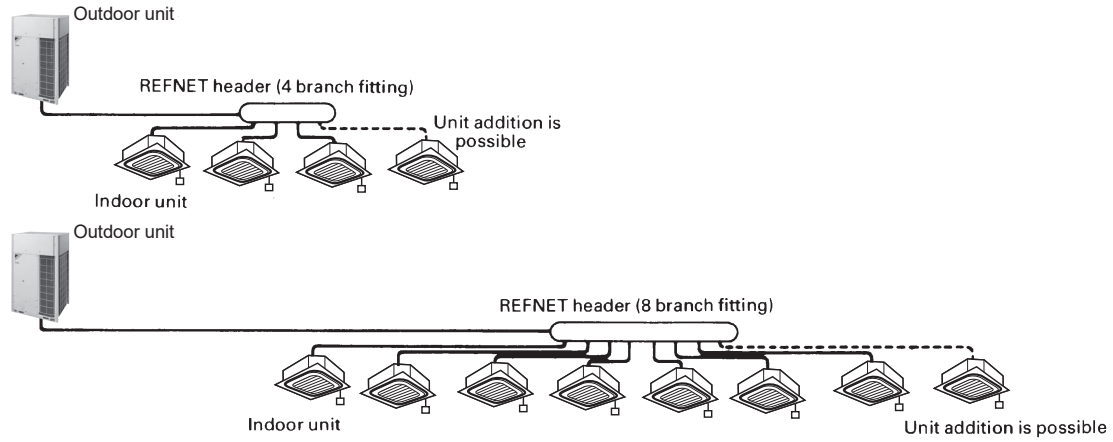
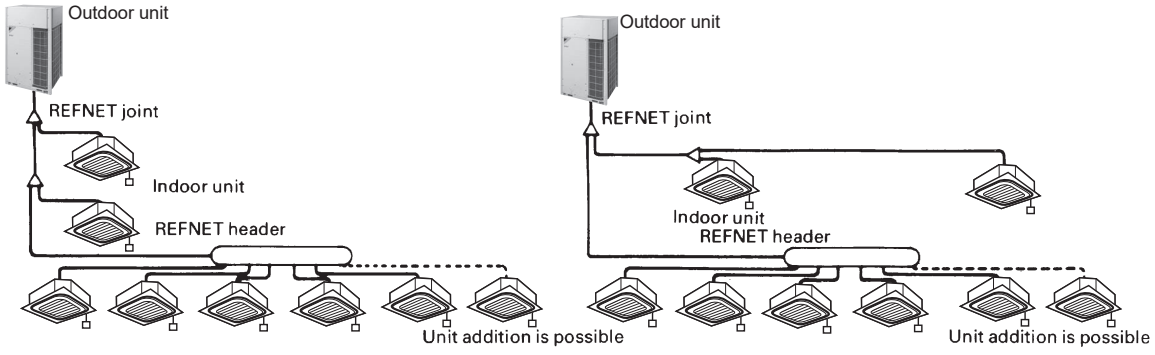
4 After opening to the adjacent room are mode, re-calculate.
If result of calculation exceeds the maximum concentration level. Room re-modified are required, please contact your dealer.

4. REFNET Pipe System

4.1 Layout Example

4.1.1 Heat Pump / Cooling Only

Use of the particular branch fitting appropriate to each individual unit type not only permits the pipes to be laid with ease but also increases the reliability of the system as a whole.

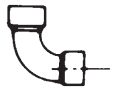
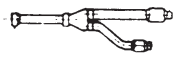
Type of fitting	Sample systems
Line branch fitting (Pipes containing REFNET joints only)	
Header branch fitting (Piping consists of REFNET headers only)	
Mixed branch fittings (Piping including both headers and joints)	

Units can be added by connecting them directly to the REFNET header or REFNET joint. Further branches cannot be included in the system below the REFNET header branch.

Notes:

1. When the capacity ratio of the indoor system to the outside unit is more than 100% and when all the indoor units are in operation at the same time then the rated capacity of each unit will be somewhat reduced.
2. Special purpose REFNET pipe components must be used for all the pipe work. For further details concerning choosing components, see the installation manual.
3. The Daikin REFNET kits are supplied with insulation intended to fit over the main body of the REFNET joint after installation of the REFNET kit is complete.

4.1.2 Equivalent Piping Length of Joints and Header (Reference)

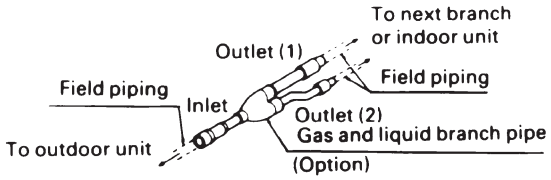
Pipe Size* (mm)	ϕ6.4	ϕ9.5	ϕ12.7	ϕ15.9	ϕ19.1	ϕ22.2	ϕ25.4	ϕ31.8	ϕ34.9	ϕ38.1	ϕ41.3
L Joints (m) 	0.16	0.18	0.20	0.25	0.35	0.40	0.45	0.55	0.60	0.65	0.75
REFNET Joint (m) 	0.5										
REFNET Header (m) 	1.0										

* When the equivalent piping length in cooling operation is calculated, the gas pipe size is selected.
When the equivalent piping length in heating operation is calculated, the liquid pipe size is selected.

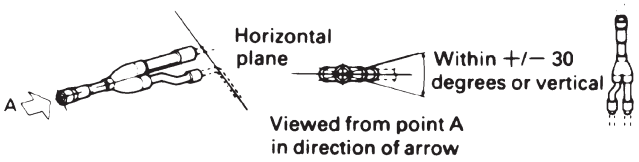
4.2 REFNET Joints and Headers

4.2.1 REFNET Joints

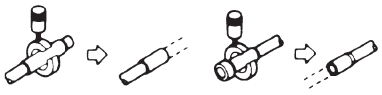
For gas and liquid branch pipes



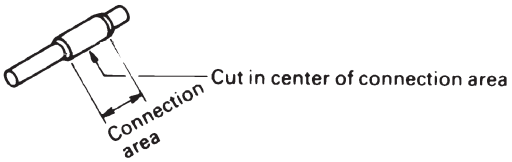
- Make sure that all branch pipes are fitted such that they branch either horizontally or vertically.



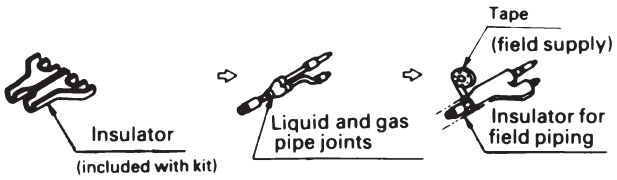
- When the size of the selected field piping is different from that of branch pipe then the connecting section should be cut with a pipe cutter as shown in the figure below.



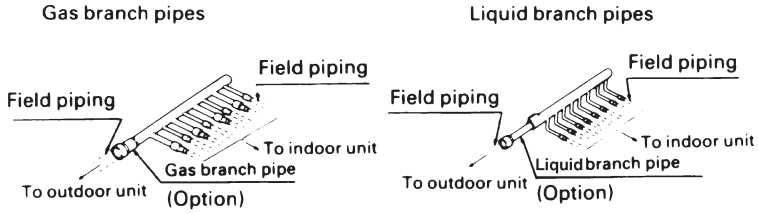
- When you are cutting an inlet or outlet pipe with a pipe cutter make sure that you make the cut in the center of the connection area.



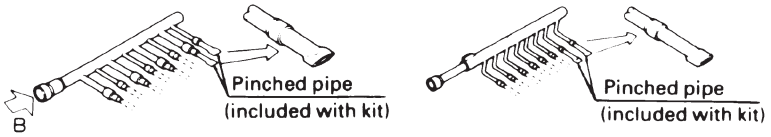
- Branch pipes must be insulated in accordance with the handbook which comes with each kit.



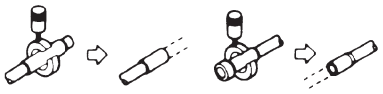
REFNET Headers



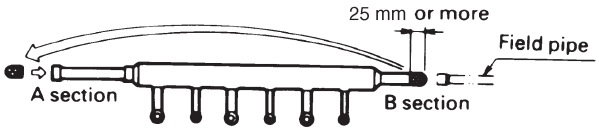
- When the number of indoor units to be connected to the branch pipes is less than the number of branch pipes available for connection then cap pipes should be fitted to the surplus branches.



- When the size of the selected field piping is different from that of branch pipe then the connecting section should be cut with a pipe cutter as shown in the figure below.



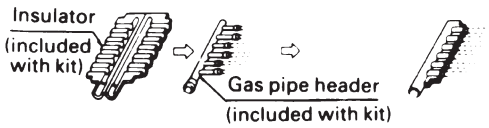
- When field piping is connected to the B section of the inlet/outlet pipe on the outdoor unit side of the liquid pipe header.
- Cut the B section with a pipe cutter as shown below and connect it to the A section.
- Connect the flared section of the field pipe to the B section.



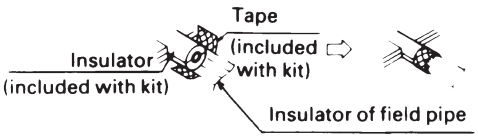
- Fit the branch pipe so that the branch lies in a horizontal plane.

- The branch pipe must be insulated in accordance with the instruction manual which comes with each kit.

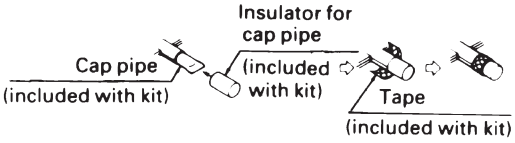
1. Use the insulator included in the kit to insulate the header.



2. Joints between insulators included in the kit and those already applied to the field piping should be sealed with the tape which is also included in each kit.



3. Any cap pipes should also be insulated using the insulator provided with each kit and then taped as described above.

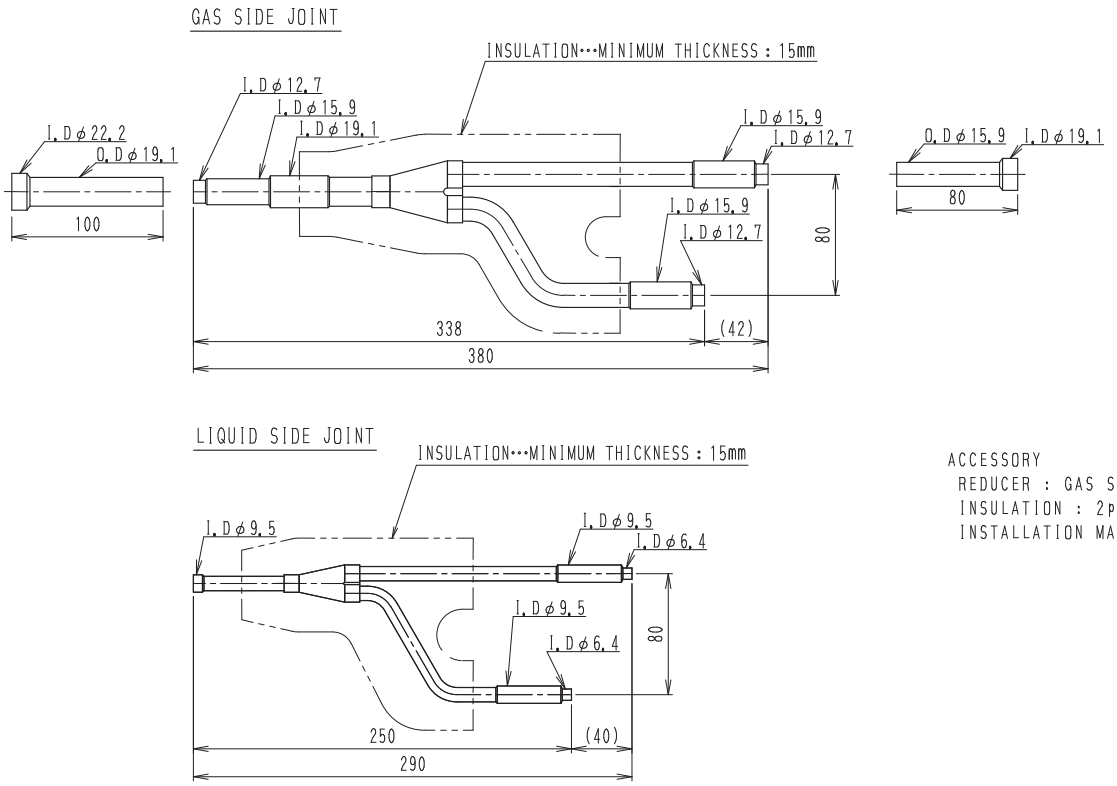


5. REFNET Joint and Header

5.1 REFNET Joint (Branch Kit)

KHRP26A22T

Unit: mm

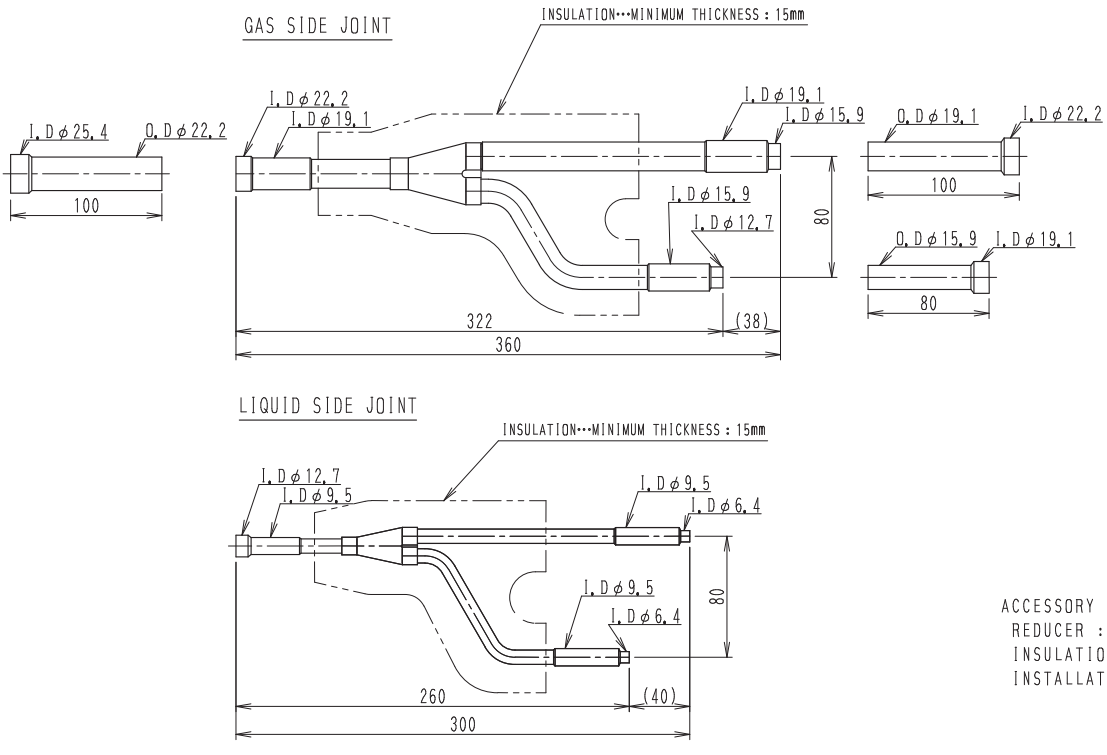


ACCESSORY
REDUCER : GAS SIDE : 2pcs
INSULATION : 2pcs
INSTALLATION MANUAL

C: D3K05234B

KHRP26A33T

Unit: mm

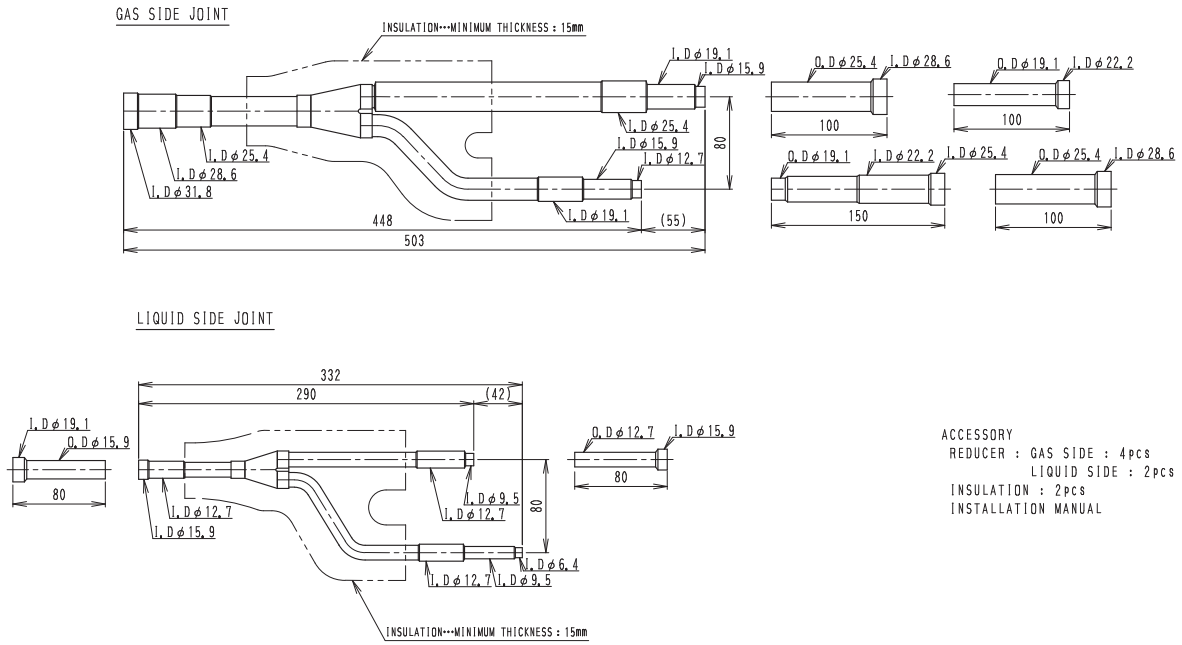


ACCESSORY
REDUCER : GAS SIDE : 3pcs
INSULATION : 2pcs
INSTALLATION MANUAL

C: D3K05235C

KHRP26A72T

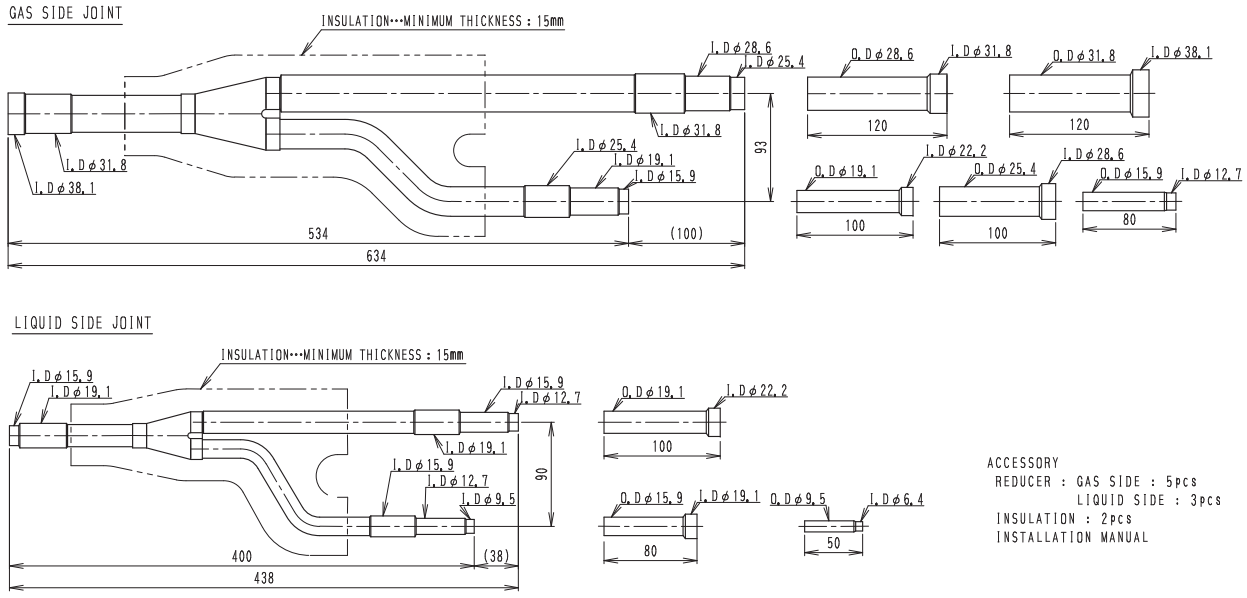
Unit: mm



C: D3K05236B

KHRP26A73T

Unit: mm

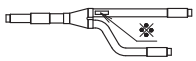
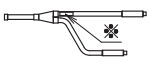
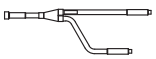
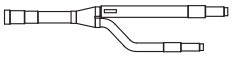
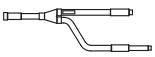
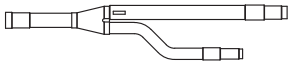
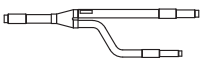


C: D3K05237B

KHRP26A22T / KHRP26A33T / KHRP26A72T / KHRP26A73T

REFNET JOINT INSTALLATION MANUAL(Except for JAPAN)
KHRP26A22T • 33T • 72T • 73T(FOR R410A)

■ THIS KIT INCLUDES THE FOLLOWING PARTS.

KIT NAME	SHAPE				
	GAS SIDE JOINT	LIQUID SIDE JOINT	INSULATION	REDUCER(FOR GAS PIPE)	REDUCER(FOR LIQUID PIPE)
KHRP26A 22T			2 pcs.	φ19.1 φ22.2	
KHRP26A 33T			2 pcs.	φ19.1 φ22.2 φ25.4	
KHRP26A 72T			2 pcs.	φ22.2 φ25.4/φ22.2 φ28.6 2 PCS.	φ15.9 φ19.1
KHRP26A 73T			2 pcs.	φ12.7 φ22.2 φ28.6 φ31.8 φ38.1	φ6.4 φ19.1 φ22.2

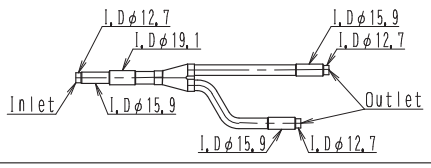
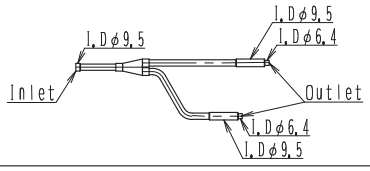
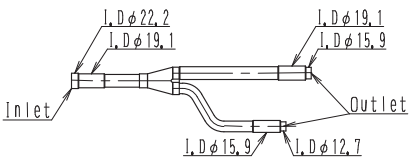
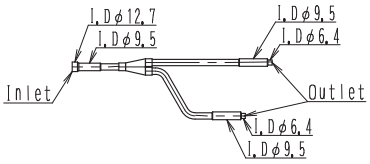
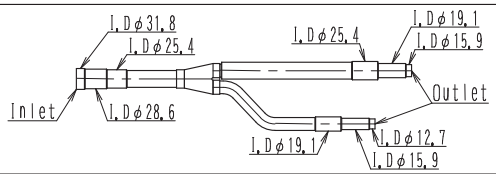
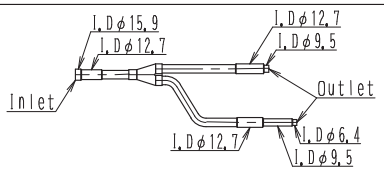
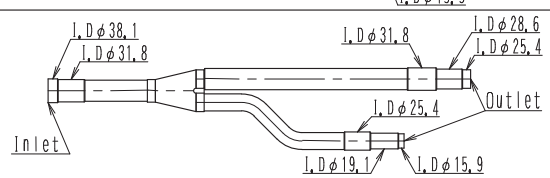
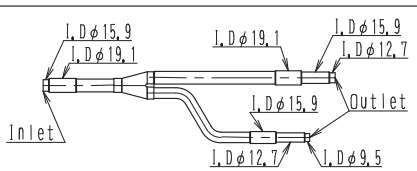
❋…Make sure gas side joint and liquid side joint are for R410A. (Label for R410A is attached on each part.)

SELECTION PROCEDURE

According to the INSTALLATION MANUAL of outdoor unit.

INSTALLATION PROCEDURE

❶ The pipe size of each parts are shown below.

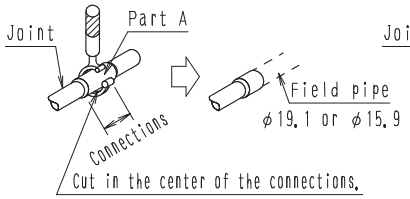
KIT NAME	GAS SIDE JOINT	LIQUID SIDE JOINT
KHRP26A 22T		
KHRP26A 33T		
KHRP26A 72T		
KHRP26A 73T		

2P182411-1

❷ According to SELECTION PROCEDURE, cut the pipe with a pipe cutter for use.

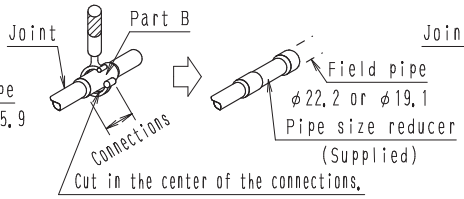
• (Ex.) FOR KHRP26A33T

Note)For the size of inlet is φ19.1 or the size of outlet(1) is φ19.1, the size of outlet(2) is φ15.9,
• Cut the pipe with a pipe cutter.



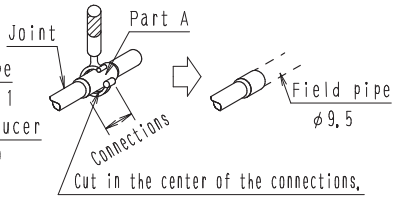
Cut in the center of the part A and connect a field pipe.

Note)For the size of outlet(1) is φ22.2 or the size of outlet(2) is φ19.1,



Cut in the center of the part B, use Pipe size reducer (supplied) and connect a field pipe.

Note)For the size of inlet is φ9.5 or the size of outlet(1) is φ9.5, the size of outlet(2) is φ9.5,
• Cut the pipe with a pipe cutter.



Cut in the center of the part A and connect a field pipe.

• Make sure to flow nitrogen gas through the pipe when brazing.

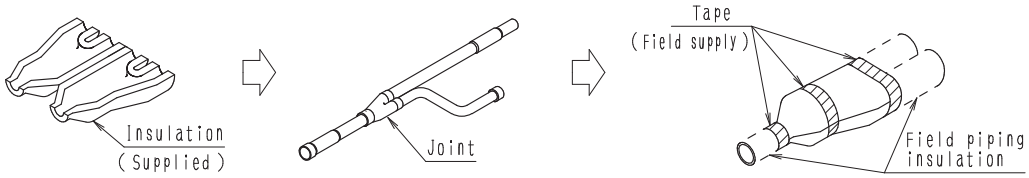
❸ Insulation of Joint

Be sure to insulate the gas and liquid side Joint.

Note) The insulation of the refrigerant piping must be reinforced based on the environment of installation. Otherwise, dew may condensate on the surface of the insulation. For details, see Engineering Data.

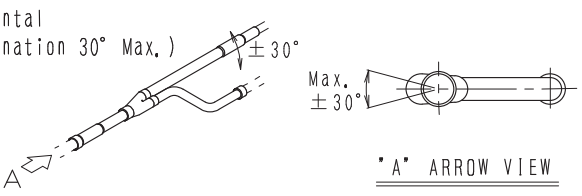
GAS SIDE
- Set the insulation matching the joint and wind the field supplied tape from the center without any clearances on the matching face of insulation.
- Seal the insulation and field piping insulation joint with the field supplied tape.

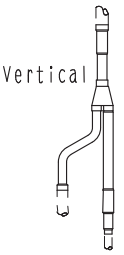
LIQUID SIDE
- Insulate by the same method as gas side joint.



INSTALLATION PRECAUTIONS

- Install the Joint so that it is branched vertically or horizontally.



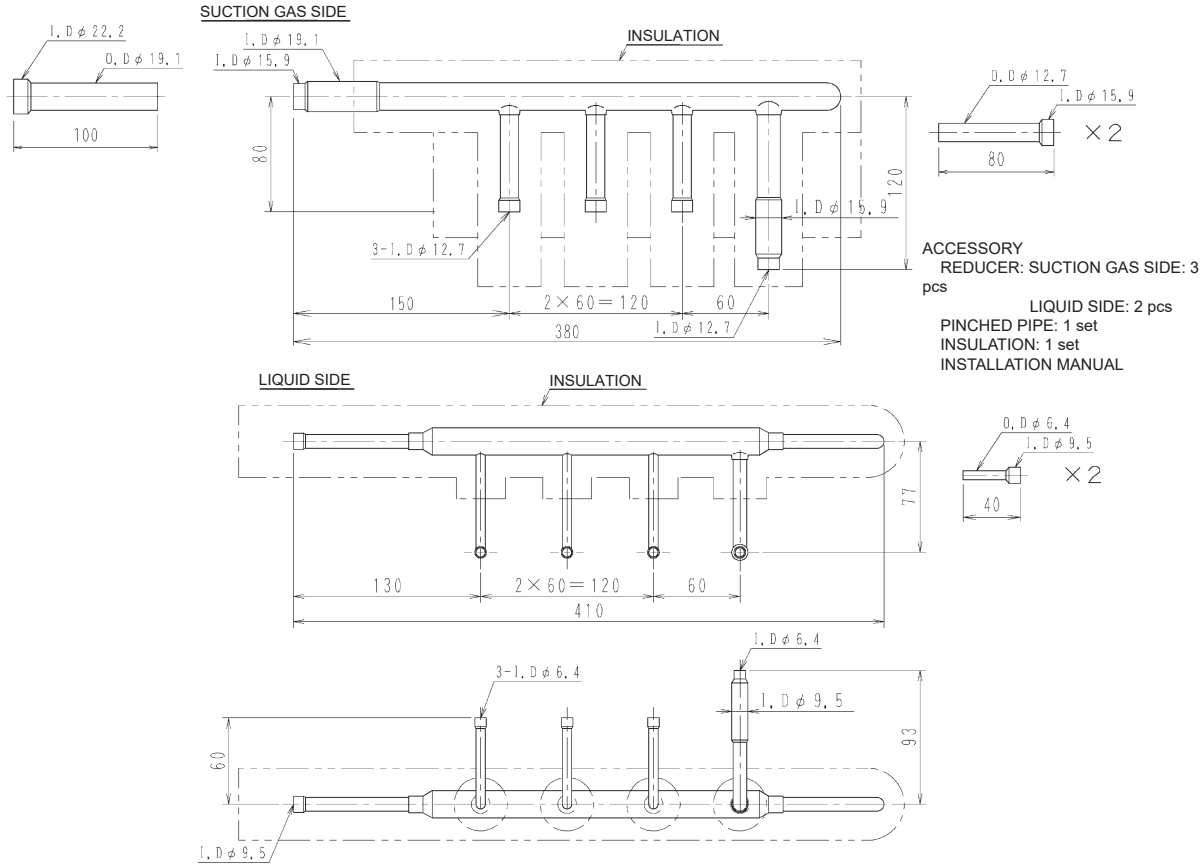


- Do not apply extra force on the piping part. The brazed part may be damaged and it may result in gas leakage.

5.2 REFNET Header (Branch Kit)

KHRP26M22H

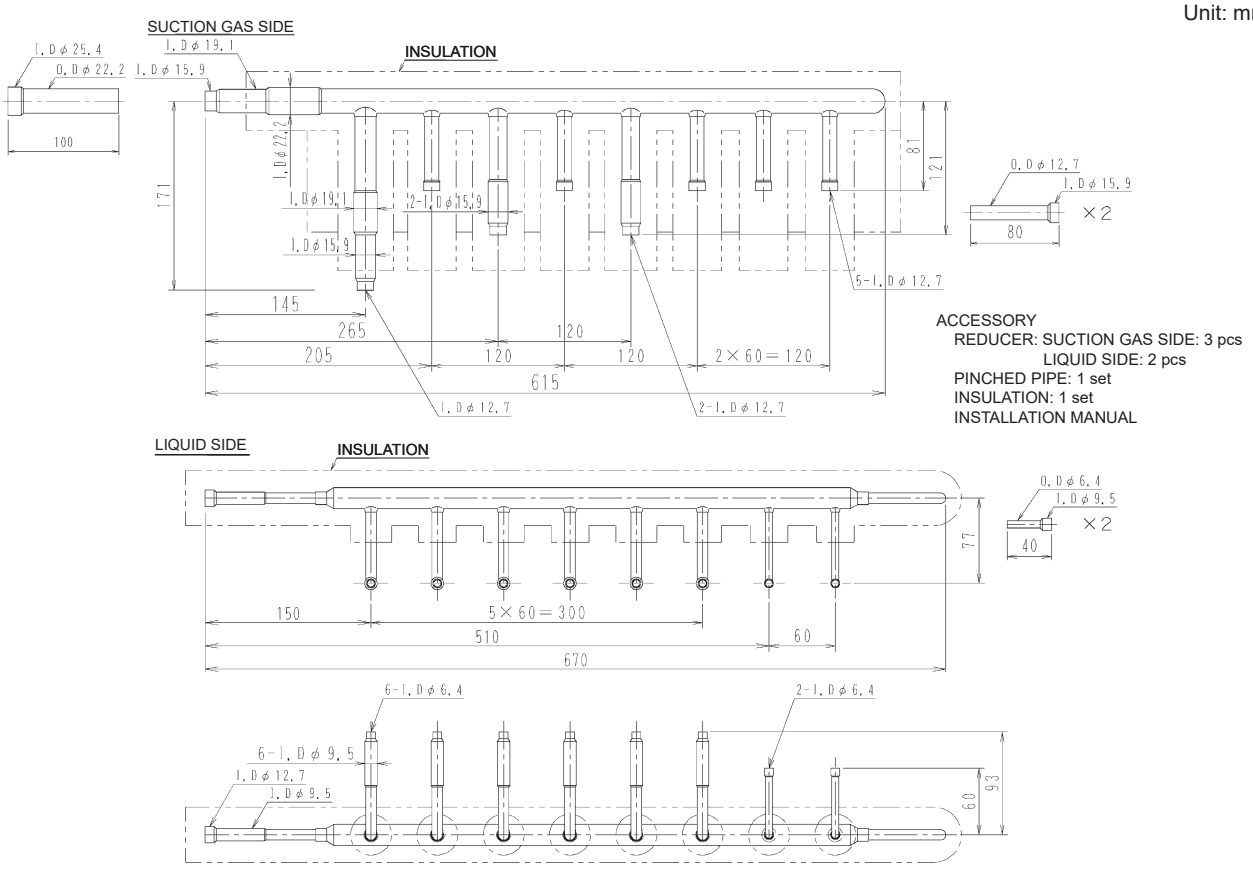
Unit: mm



J: D3K03629C

KHRP26M33H

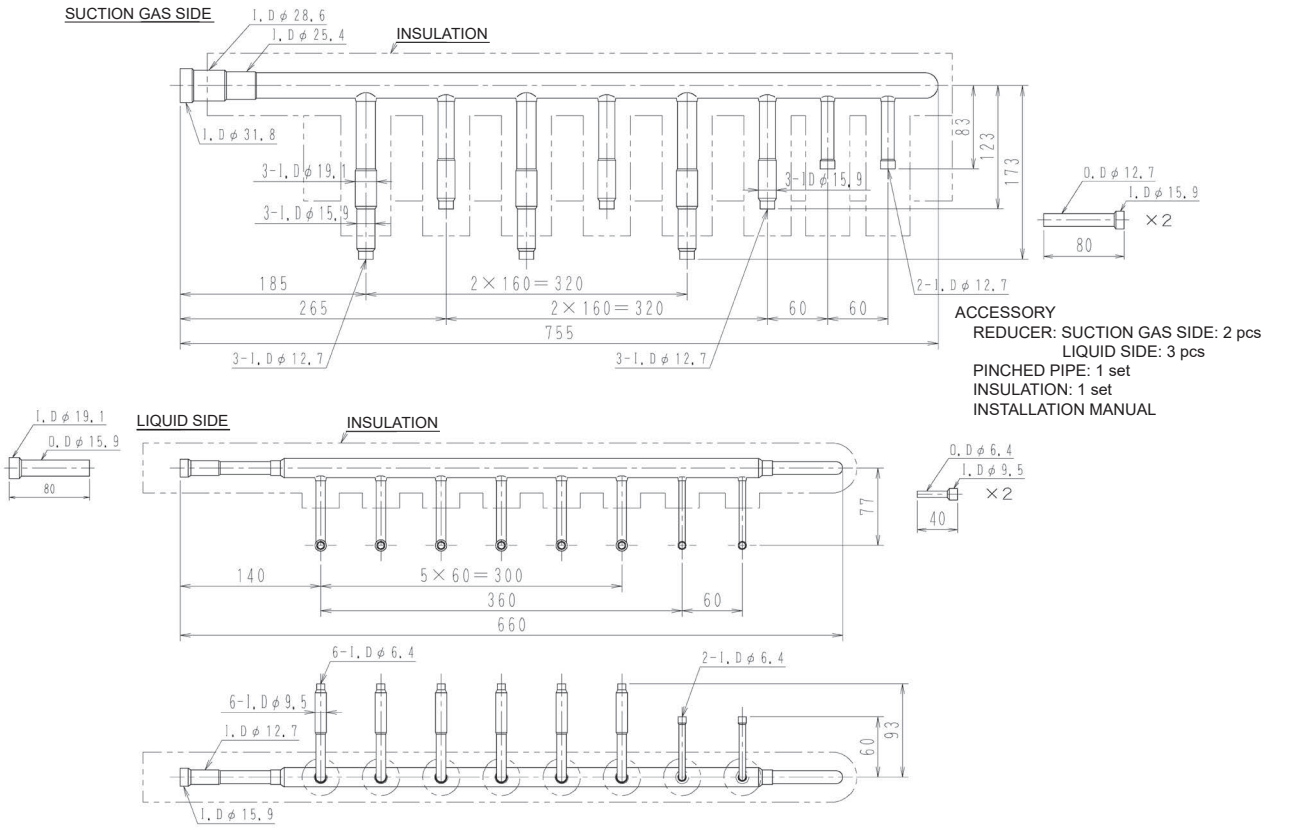
Unit: mm



J: D3K03630C

KHRP26M72H

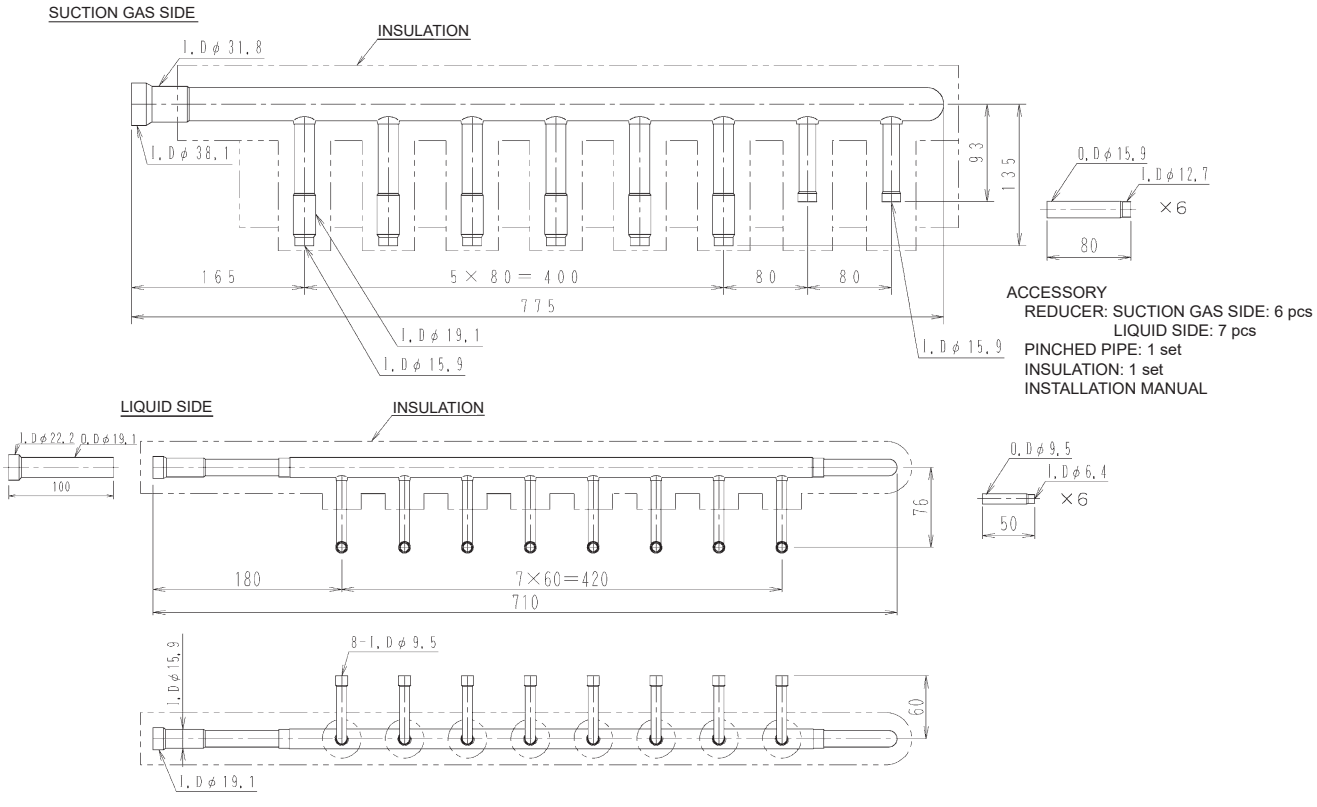
Unit: mm



J: D3K03631C

KHRP26M73H

Unit: mm



J: D3K03632C

KHRP26M22H / KHRP26M33H / KHRP26M72H / KHRP26M73H

REFNET HEADER INSTALLATION MANUAL(Except for JAPAN)
KHRP26M22H・33H・72H・73H(FOR R-410A)

■ THIS KIT INCLUDES THE FOLLOWING PARTS.

KIT NAME	SHAPE						
	GAS SIDE HEADER	LIQUID SIDE HEADER	PLUGGING TUBES	REDUCER	INSULATION FOR HEADER	INSULATION FOR GAS SIDE ENCLOSED PIPING	INSULATION FOR LIQUID SIDE PIPING
KHRP 26M22H 4branches	※ 1 pcs.	1 pcs.	2 each for gas/liquid sides	for gas sides (φ22.2)1pcs. (φ15.9)2pcs. for liquid sides (φ9.5) 2pcs.	1 each for gas/liquid sides	2 pcs.	4 pcs.
KHRP 26M33H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	for gas sides (φ25.4)1pcs. (φ15.9)2pcs. for liquid sides (φ9.5) 2pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.
KHRP 26M72H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	for gas sides (φ15.9) 2pcs. for liquid sides (φ19.1)1pcs. (φ9.5)2pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.
KHRP 26M73H 8branches	1 pcs.	1 pcs.	6 each for gas/liquid sides	6pcs. for gas sides(φ12.7) for liquid sides (φ6.4)6pcs. (φ22.2)1pcs.	1 each for gas/liquid sides	6 pcs.	8 pcs.

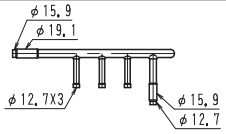
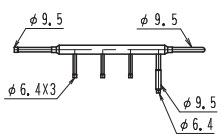
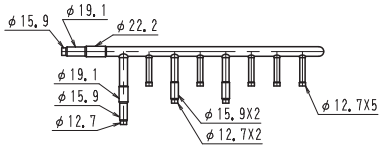
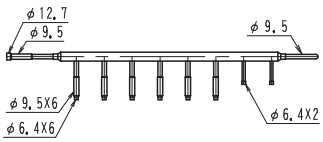
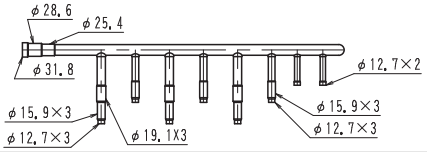
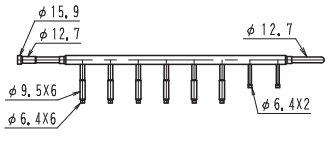
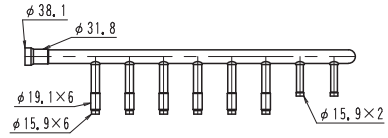
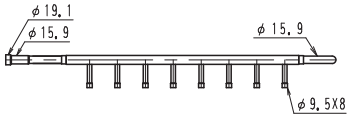
※…Make sure gas side header and liquid side header are for R-410A.(Label for R-410A is attached on each part.)

SELECTION PROCEDURE

According to the INSTALLATION MANUAL of outdoor unit.

INSTALLATION PROCEDURE

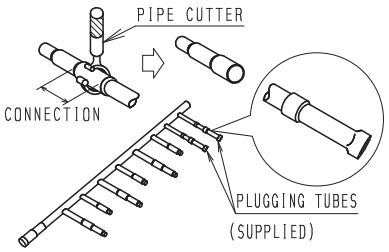
❶ The pipe size of each parts are shown below.

KIT NAME	GAS SIDE HEADER	LIQUID SIDE HEADER
KHRP26M22H 4branches		
KHRP26M33H 8branches		
KHRP26M72H 8branches		
KHRP26M73H 8branches		

3P113151-1C

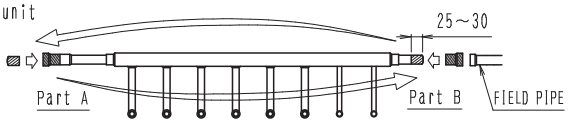
❷ For the outlet/inlet pipings which can be connected in several piping sizes, cut the connections of piping diameter to be used with a pipe cutter according to the left lower table.

NOTE) 1. Cut in the center of the connections.
2. PIPE SIDE REDUCER
ex)When connecting the field pipe(φ22.2) to inlet liquid side pipe of KHRP26M73H, use PIPE SIDE REDUCER.



❸ For non-connected outlet pipings at the indoor unit side for refrigerant branching, install the supplied plugging tube.

When connecting the field piping to inlet piping part B at the outdoor unit of liquid side header.
- Cut part B as shown with a pipe cutter and install it to part A.
- Connect the flared field piping to part B.

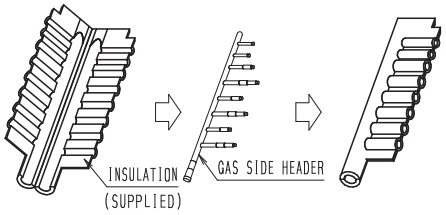


• Make sure to flow nitrogen gas through the pipe when brazing.

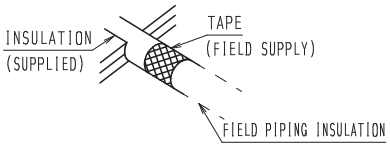
❹ Insulation of HEADER
• Be sure to insulate the gas and liquid side HEADER.
Note) The insulation of the refrigerant piping must be reinforced based on the environment of installation. Otherwise, dew may condensate on the surface of the insulation. For details, see Engineering Data.

GAS SIDE HEADER

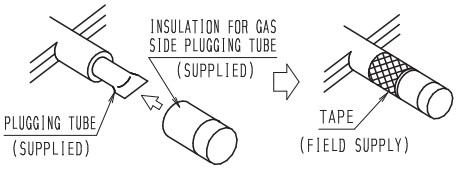
i)Insulate the gas side header with the supplied insulation.



ii)Seal the supplied insulation and field piping insulation junction with the field supplied tape.

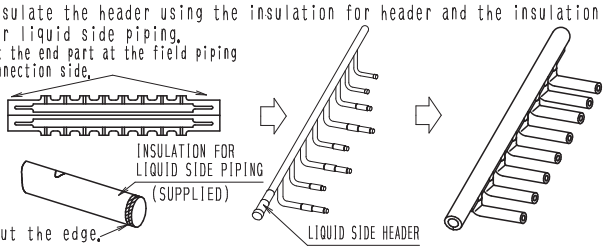


iii)Seal the plugging tube mounting part with the field supplied tape after installing the supplied insulation for the supplied plugging tube.

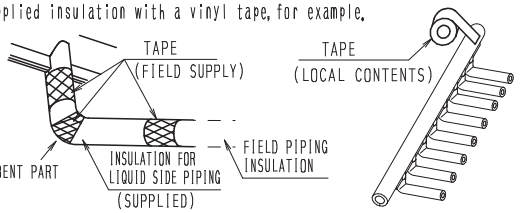


LIQUID SIDE HEADER

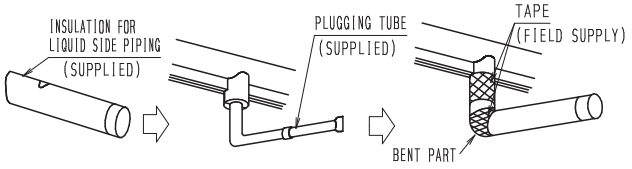
i) Insulate the header using the insulation for header and the insulation for liquid side piping.
Cut the end part at the field piping connection side.



ii) Seal the supplied insulation and liquid side piping insulation joint, the supplied liquid side piping insulation bending part, and the joint with the field piping insulation, using the field supplied tape.
Seal the supplied insulation with a vinyl tape, for example.



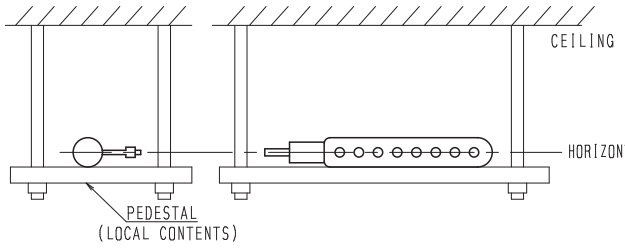
iii) Using the field supplied tape, seal the plugging tube mounting part after installing the insulation for liquid side piping (supplied).



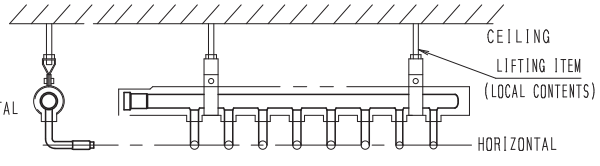
INSTALLATION PRECAUTIONS

- Do not apply extra force on the piping part. The brazed part may be damaged and it may result in gas leakage.

GAS SIDE HEADER
- Place the header on the pedestal and install it so that it is horizontal.



LIQUID SIDE HEADER
- Suspend the header from the ceiling, and be sure to install it so that the outlet/inlet pipings at the header indoor unit side are horizontal at the lower side as shown below.



3P113151-1C

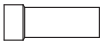
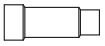
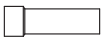
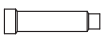
5.3 Reducer

KHRP26M73TP / KHRP26M73HP

PIPE SIZE REDUCER
(For R410A)

KHRP26M73TP • 73HP
KHRP25M72TP • 73TP • 72HP

■ THIS KIT INCLUDES THE FOLLOWING PARTS.

		PIPE SIZE REDUCER①	PIPE SIZE REDUCER②	PIPE SIZE REDUCER③	PIPE SIZE REDUCER④	PIPE SIZE REDUCER⑤
SHAPE						
QUANTITY	KHRP26M73TP	1 pc.	1 pc.	2 pc.	———	———
	KHRP26M73HP	1 pc.	———	1 pc.	———	———
	KHRP25M72TP	———	———	———	1 pc.	1 pc.
	KHRP25M72HP	———	———	1 pc.	———	1 pc.
	KHRP25M73TP	1 pc.	1 pc.	3 pc.	1 pc.	———

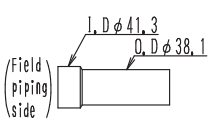
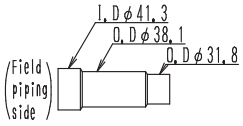
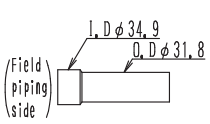
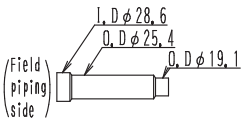
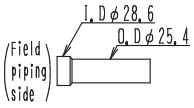
■ THIS KIT IS THE REDUCER OF THE BRANCH PIPING KIT(REFNET JOINT • HEADER).
CHECK THE PROPER MODEL OF THE BRANCH PIPING KIT.

KIT NAME	BRANCH PIPING KIT
KHRP26M73TP	KHRP26M73T(GAS SIDE)
KHRP26M73HP	KHRP26M73H(GAS SIDE) • KHRP25M73H(SUCTION GAS SIDE)
KHRP25M72TP	KHRP25M72T(DISCHARGE GAS SIDE)
KHRP25M72HP	KHRP25M72T(DISCHARGE GAS SIDE) • KHRP25M72H(SUCTION, DISCHARGE, HP/LP GAS SIDE)
KHRP25M73TP	KHRP25M73T(SUCTION, DISCHARGE GAS SIDE)

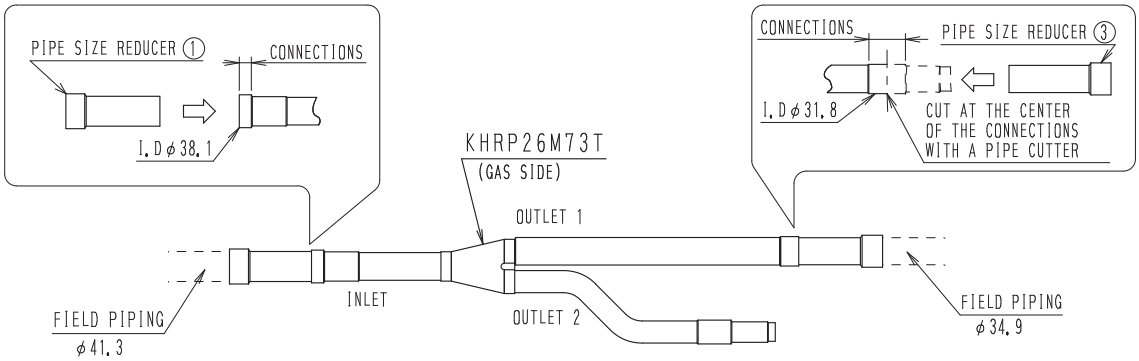
INSTALLATION PROCEDURE

REFER TO THE INSTALATION MANUAL OF THE BRANCH PIPING KIT.

■ JOINT SIZE ARE AS FOLLOWS.

PIPE SIZE REDUCER①	PIPE SIZE REDUCER②	PIPE SIZE REDUCER③
		
PIPE SIZE REDUCER④	**PIPE SIZE REDUCER⑤**	
		

(1)Select the field piping size according to the installation manual of the outdoor unit.
(2)Connect the PIPE SIZE REDUCER suitable for the field piping size to the branch piping kit.
ex.)Connect the reducers to the branch piping kit, KHRP26M73T.
• For inlet piping size is φ41.3 and outlet 1 piping size is φ34.9.



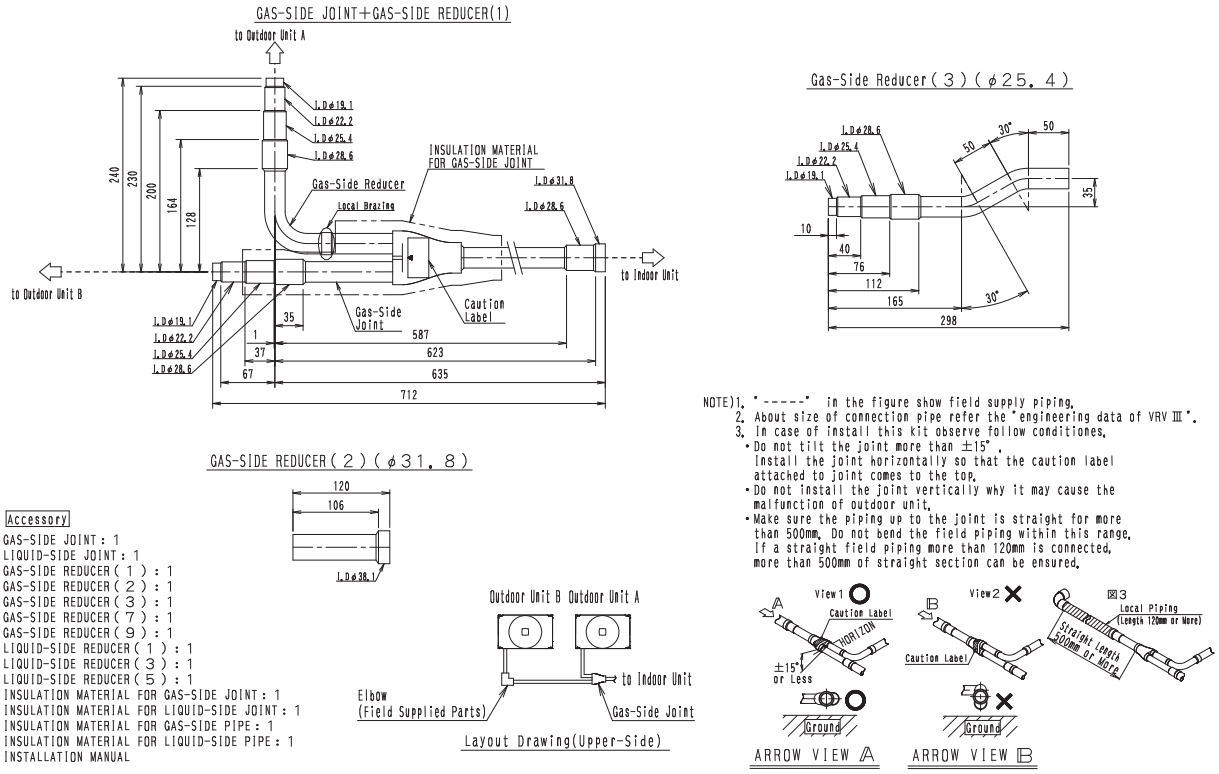
C: 3P113129-1B

5.4 Outdoor Unit Multi Connection Piping Kit

BHFP22P100

Gas side

Unit: mm



NOTE)1. "-----" in the figure show field supply piping.
2. About size of connection pipe refer the "engineering data of VRV Ⅲ".
3. In case of install this kit observe follow conditiones.
- Do not tilt the joint more than ±15°, Install the joint horizontally so that the caution label attached to joint comes to the top.
- Do not install the joint vertically why it may cause the malfunction of outdoor unit.
- Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured.

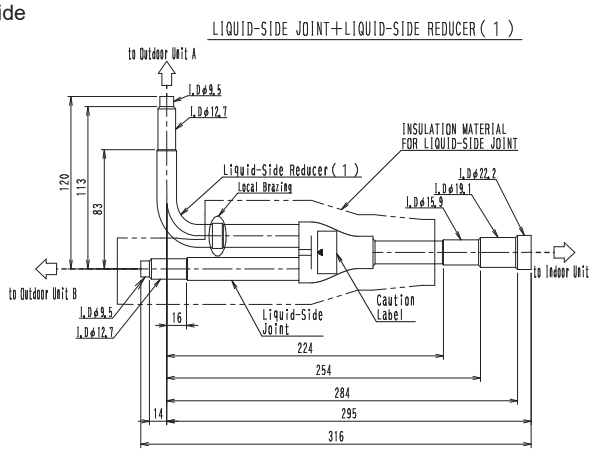
Accessory

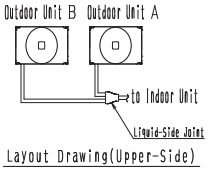
GAS-SIDE JOINT : 1
LIQUID-SIDE JOINT : 1
GAS-SIDE REDUCER(1) : 1
GAS-SIDE REDUCER(2) : 1
GAS-SIDE REDUCER(3) : 1
GAS-SIDE REDUCER(7) : 1
GAS-SIDE REDUCER(9) : 1
LIQUID-SIDE REDUCER(1) : 1
LIQUID-SIDE REDUCER(3) : 1
LIQUID-SIDE REDUCER(5) : 1
INSULATION MATERIAL FOR GAS-SIDE JOINT : 1
INSULATION MATERIAL FOR LIQUID-SIDE JOINT : 1
INSULATION MATERIAL FOR GAS-SIDE PIPE : 1
INSULATION MATERIAL FOR LIQUID-SIDE PIPE : 1
INSTALLATION MANUAL

3D052312

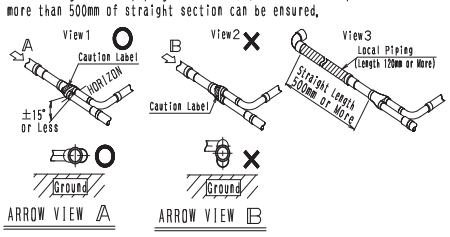
Liquid side

Unit: mm





NOTE)1. "-----" in the figure show field supply piping.
2. About size of connection pipe refer the "engineering data of VRV Ⅲ".
3. In case of install this kit observe follow conditiones.
- Do not tilt the joint more than ±15°, Install the joint horizontally so that the caution label attached to joint comes to the top.
- Do not install the joint vertically why it may cause the malfunction of outdoor unit.
- Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured.



Accessory

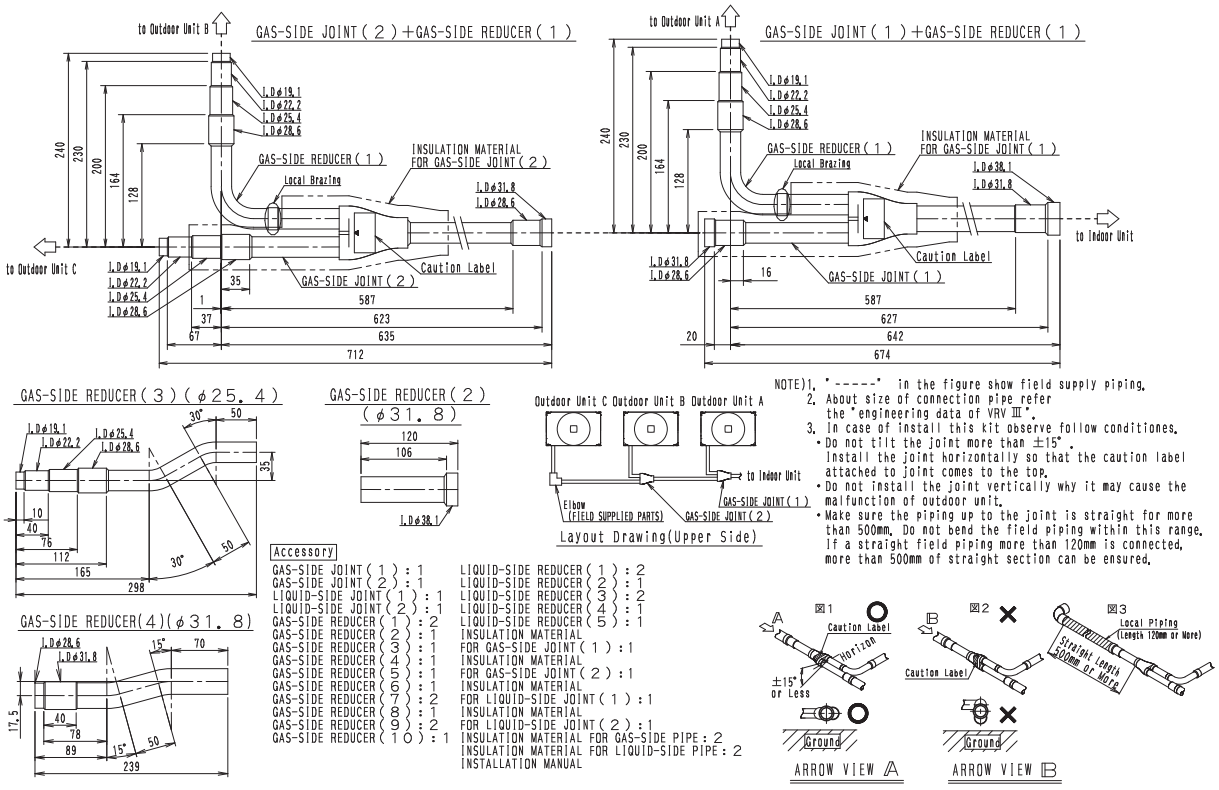
GAS-SIDE JOINT : 1
LIQUID-SIDE JOINT : 1
GAS-SIDE REDUCER(1) : 1
GAS-SIDE REDUCER(2) : 1
GAS-SIDE REDUCER(3) : 1
GAS-SIDE REDUCER(7) : 1
GAS-SIDE REDUCER(9) : 1
LIQUID-SIDE REDUCER(1) : 1
LIQUID-SIDE REDUCER(3) : 1
LIQUID-SIDE REDUCER(5) : 1
INSULATION MATERIAL FOR GAS-SIDE JOINT : 1
INSULATION MATERIAL FOR LIQUID-SIDE JOINT : 1
INSULATION MATERIAL FOR GAS-SIDE PIPE : 1
INSULATION MATERIAL FOR LIQUID-SIDE PIPE : 1
INSTALLATION MANUAL

3D052280

BHFP22P151

Gas side

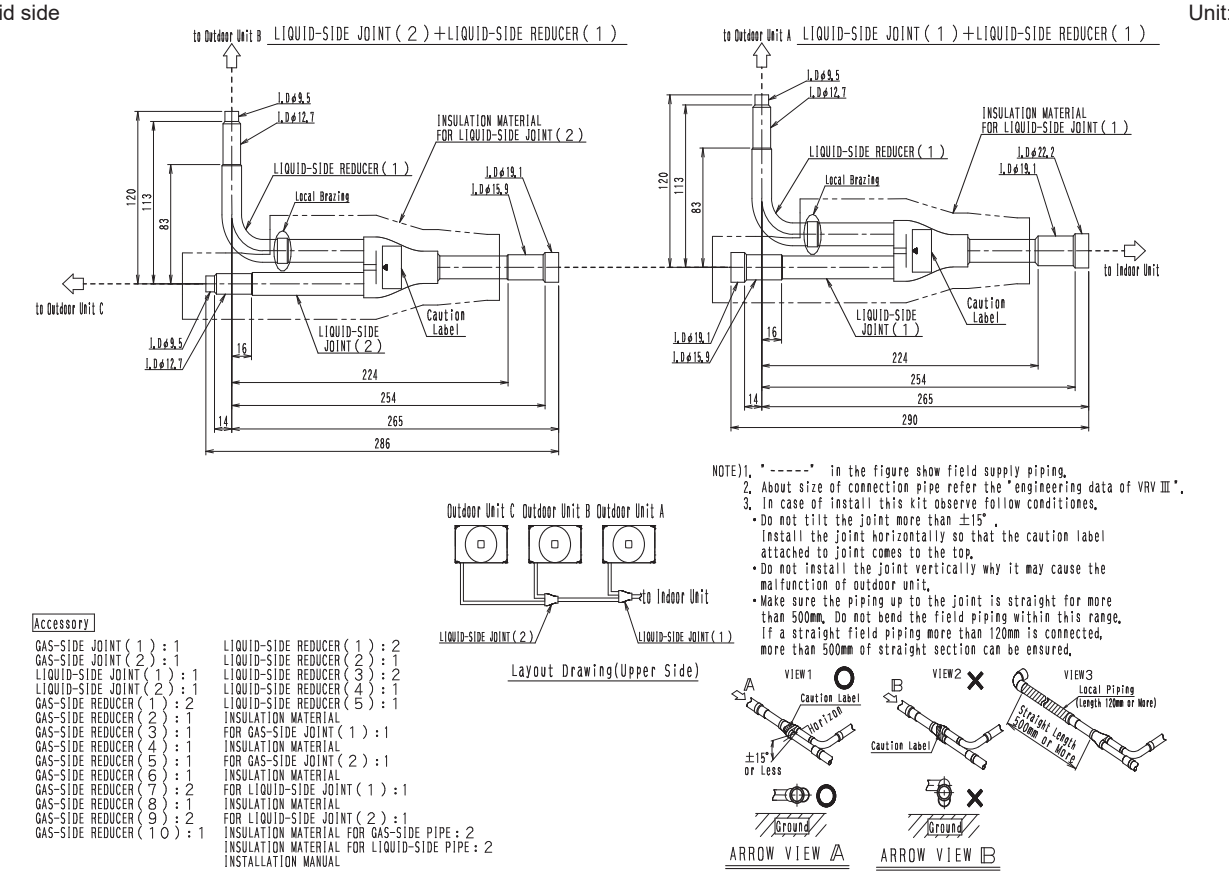
Unit: mm



3D052314

Liquid side

Unit: mm



3D052279

BHFP22P100 / BHFP22P151

VRV III Series

Please be sure to read before installation and follow the instructions carefully when performing installation work.

1P173261-1A

Outdoor unit Multi Connection Piping Kit Installation Manual

BHFP22P100 • BHFP22P151

Component parts ■This kit contains the follwing parts. **<Do not throw away any of the accessories until installation is complete.>**

Kit name	Gas-side joint	Liquid-side joint	Gas-side reduser	Liquid-side reduser	Insulating tube for gas pipe	Insulating tube for liquid pipe
BHFP 22 P100	1PC	1PC	(1) 1PC, (2) 1PC, (3) 1PC, (7) 1PC, (9) 1PC	(1) 1PC, (3) 1PC, (5) 1PC	Big 1PC	Small 1PC
BHFP 22 P151	1PC	1PC	(1) 2PC, (2) 1PC, (3) 1PC, (4) 1PC, (5) 1PC, (6) 1PC, (7) 2PC, (8) 1PC, (9) 2PC, (10) 1PC	(1) 2PC, (2) 1PC, (3) 2PC, (4) 1PC, (5) 1PC	Big 2PC	Small 2PC

Caution
- Please be sure to read this manual before installation and follow the instruction carefully when performing installation work.
- See the outdoor unit's installation manual for outdoor unit installation.
- Installation of interconnecting piping between the outdoor and indoor units, REFNET joint or REFNET header will be needed separately.

Selection Procedure

Number of outdoor units connected	2 units	3 units
Outdoor unit Multi Connection Piping Kit	BHFP22P100	BHFP22P151

- 2 or 3 outdoor units can be connected.
- There are restrictions on the combination and the installation order of outdoor units, so please refer to "the Engineering Data of VRV III" and "the installation manual" (attached sheet of outdoor unit) for details.

Field supply parts ■The following parts are needed to connect this kit and are not included.

Field supply parts		
Name	Q'ty	Selection Procedure
Insulation for piping	1set	See the "Connecting Pipe Sizes and location of cutting the joint" for details on the necessary size.
Connection piping		
Elbow	1pc	Prepare a gas pipe diameter for the upper outdoor unit as listed in "Connecting Pipe Sizes and location of cutting the joint."
Tape	1set	For insulation materials

Caution
- Quantity and selection procedure of elbow only applies to a front or bottom connection.
- For a lower front connection, the quantity and selection procedure are different, so please refer to the instructions for a lower front connection.
- A joint for the same diameter pipes is needed only for a bottom connection. See the instructions for the bottom connection for details on quantity and specifications.
- The min. thickness of the pipes in this manual shows the requirements of Japanese High Pressure Gas Control law. (As of Jan, 2003) And the temper grade (O, 1/2H) shows the material type of JIS H 3300. The thickness and material shall be selected in accordance with local code for the design pressure 4.0MPa(40bar).

(Unit : mm)

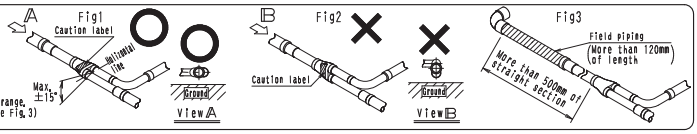
Temper grade	O Type				1/2H Type						
Copper tube O. D.	φ6.4	φ9.5	φ12.7	φ15.9	φ15.9	φ22.2	φ25.4	φ28.6	φ31.8	φ34.9	φ38.1	φ41.3
Copper tube W.T (Minimum requirement)	0.80	0.80	0.80	0.99	0.80	0.80	0.88	0.99	1.10	1.21	1.32	1.43

To the pipeing installer When installing this kit, please apply the following restrictions.

Restrictions on Installing Multi Connection Piping Kit

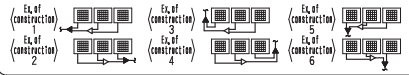
- Install the joint horizontally so that the caution label attached to joint comes to the top. Do not tilt the joint more than ±15° . (See Fig. 1), In addition, do not install the joint vertically. (See Fig. 2)
- Make sure the piping up to the joint is straight for more than 500mm. Do not bend the field piping within this range. If a straight field piping more than 120mm is connected, more than 500mm of straight section can be ensured. (See Fig. 3)
- Improper installation may lead to malfunction of the outdoor unit.

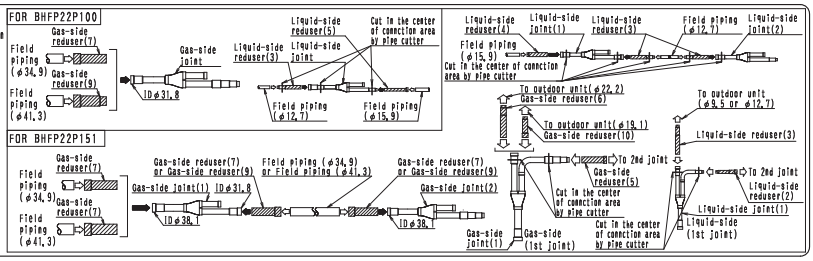
Fig1 / Fig2 / Fig3



Installation examples

- The figure at the lower shows a typical front connection. Make sure to follow the installation restrictions and carry out installation taking the field requirements into consideration.
- This manual explains the front connection <Ex. of construction 1>.
- For 3-unit installation on Ex. of construction 5 and 6, In some cases the reducers (5), (6) or (10) for gas piping and the reducers (2) and (3) for liquid piping may be used on the 1st joint (section shown with ◀). See the figure at the right for details of connection.
- When the size of the Gas-side pipe between the Gas-side joint (1) and Gas-side joint (2) on the 3-units system or the size of the main pipe is φ41.3 or φ34.9, Gas-side reducer (7), (8) and (9) will be used. See the figure at the right for details of connection.
- When the size of the Liquid-side pipe between the Liquid-side joint (1) and Liquid-side joint (2) on the 3-units system is φ12.7, Liquid-side reducer (3) will be used, And when the side of main pipeis φ15.9, Liquid-side reducer (4) will be used, See the figure at the right for details of connection.





BHFP22P100 Installation Instructions

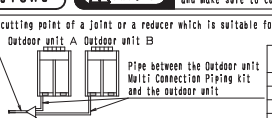
Caution There are some restrictions on the interconnecting piping between the outdoor units. See the installation manual attached to the outdoor units and make sure to carry out proper piping. If the piping restrictions are not observed, it may result in malfunction of the unit.

Connecting pipe sizes and location of cutting the joint

Select cutting point of a joint or a reducer which is suitable for the size of the interconnecting pipes determined according to the table below and cut it with a pipe cutter.

Main pipe
- Select the pipe size according to the total capacity of outdoor unit. (units : mm)

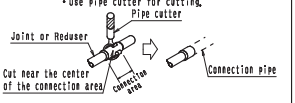
Outdoor unit total capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
16HP	φ28.6X0.99[1/2H]	φ12.7X0.80[O]
18~22HP		φ15.9X0.99[O]
24HP	φ34.9X1.21[1/2H]	
26~34HP		φ19.1X0.80[1/2H]
36HP	φ41.3X1.43[1/2H]	



Outdoor unit capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
8HP	φ19.1X0.80[1/2H]	φ 9.5X0.80[O]
10HP	φ22.2X0.80[1/2H]	
12~16HP	φ28.6X0.99[1/2H]	φ12.7X0.80[O]
18HP		φ15.9X0.99[O]

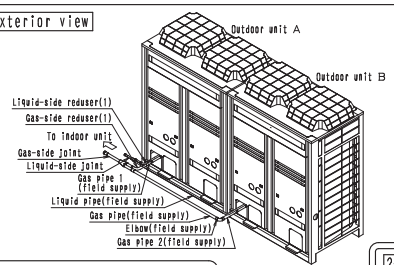
- When applying the main pipe, use the gas side reducer (2).
- If the pipe size of φ19.1 or larger is used, the O material may be insufficient to withstand the specified pressure. Therefore, make sure to use the 1/2H material with thickness of 1.0mm or more. When using the O material for the pipe size of φ19.1, a thickness of 1.2 or more is required. In this case, the connection must be brazed.

Cutting procedure
- Use pipe cutter for cutting.



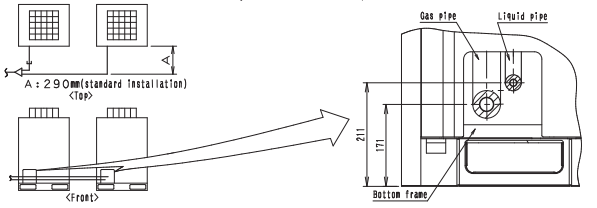
❶ Installation examples — Procedure for Front Connection

1-1 Exterior view



1-2 Finished dimensions

- For installations where the A dimensions exceed 290mm, extend the field supply interconnecting pipe between the joint and the outdoor unit.



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

- Cut the pipes according to Table 1.

Caution
- This table shows the case when the A dimensions shown in 1-2 Finished dimensions is 290mm. If the A dimensions exceed 290mm, see Table 1 and adjust the dimensions of the gas pipe 1 and 2.
- The L dimensions of the gas pipe 2 in Table 1 show those when the field supply elbows have B dimension in Table 2. If the B dimension is not same with Table 2, see Table 1 and 2, and adjust them accordingly.

■ Table 1

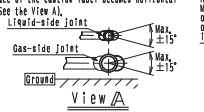
Model type	Gas pipe 1 (field supply) L (mm)	Gas pipe 2 (field supply) L (mm)
8HP	75	287
10HP	81	257
12~18HP	125	223

■ Table 2

Model type	Elbow(field supply) B (mm)
8HP	17
10HP	23
12~18HP	29

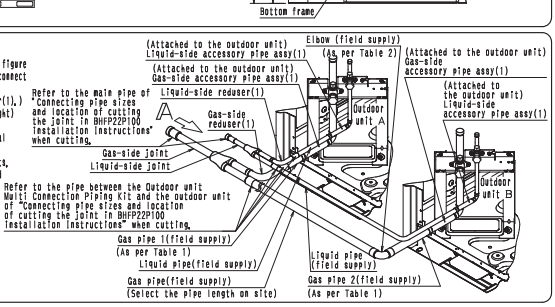
2-2 Connection of pipes

- Connect the gas and liquid pipes as shown in the figure at the right. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid side reducer(1).)
- See 1-2 Finished dimensions for the location(height) of the joint.
- See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal (See the View A).



Refer to the pipe between the Outdoor unit Multi Connection Piping Kit and the outdoor unit of "Connecting pipe sizes and location of cutting the joint in BHFP22P100 Installation Instructions" when cutting.

Refer to the main pipe of "Connecting pipe sizes and location of cutting the joint in BHFP22P100 Installation Instructions" when cutting.



1P173261-1A

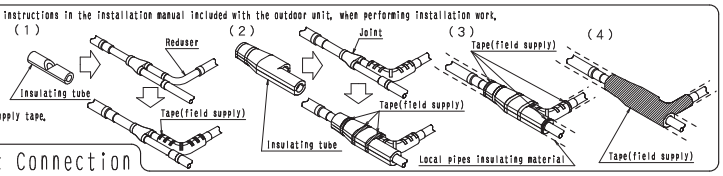
❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit } Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Air tight test

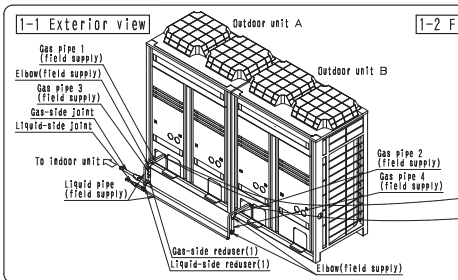
Insulation of joints

(1) Fit the insulation to the reducer and temporarily keep it in place with tape.
(2) Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces. (See the figure at the right.)
(3) Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4) Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



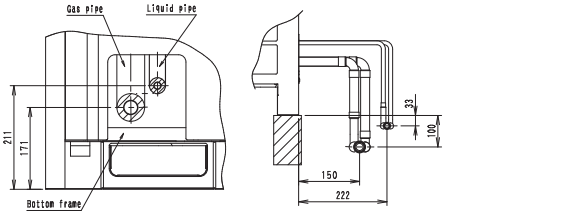
❶ Installation examples — Procedure for Lower Front Connection

1-1 Exterior view



1-2 Finished dimensions

• A standard installation has the following dimensions.
• When the dimensions exceed the standard installation, extend the pipes between the outdoor unit and the joint(field supply).



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 to 4

• Cut the pipes according to Table 3

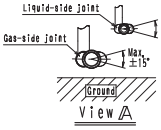
Caution • The L dimensions of the gas pipe 1 to 4 in Table 3 show those when the field supply elbows have B dimension in Table 2 shown in Procedure for Front Connection, 2 Connection of gas and liquid pipes.
If the B dimensions are not same with Table 2, see Table 2 and 3, and adjust them accordingly.

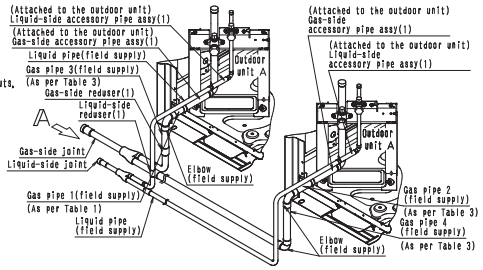
■ Table 3

Model type	Gas pipe 1(field supply) L (mm)	Gas pipe 2(field supply) L (mm)	Gas pipe 3(field supply) L (mm)	Gas pipe 4(field supply) L (mm)
8HP	130	165	59	237
10HP	100	135	83	225
12~18HP	66	101	149	213

2-2 Connection of pipes

• Connect the gas and liquid pipes as shown in the figure at the right.
(When connecting the pipes, first connect the gas-side joint and the gas-side reducer (1), the liquid-side joint and the liquid-side reducer (1).)
• See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
• Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the View A).





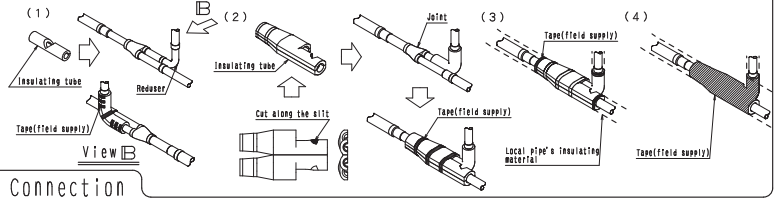
❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit } Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Air tight test

Insulation of joints

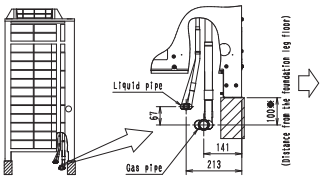
(1) Fit the insulation to the reducer and temporarily keep it in place with tape.
(2) Cut insulating tube along the slit. (See the figure at the right.)
Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces.
(3) Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4) Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



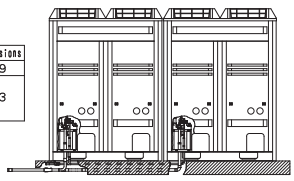
❶ Installation examples — Procedure for Bottom Connection

Caution This installation is only possible if there is enough space to perform brazing and racking underneath the outdoor unit. If a centralized drain pan kit and/or vibration proof base are used, the dimensions marked with "✽" in the figure below will vary, so see the table below and determine the length of the field pipes.

1-1 Exterior view



Separately-sold item also used	✽dimensions
Central drain pan kit	139
Vibration absorption stand	233
Vibration absorption stand+ central drain pan kit	



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 and 2, and the Gas-side accessory pipe(3) attached to the outdoor unit

• Cut the pipes according to Table 4 or 5.

Caution • The "L" dimensions of the gas pipe 1 in Table 4 and the gas pipe 2 in Table 5 are identical to the "B" dimensions in table 2, those of "field supply elbows" shown in the procedure of front connection, which are equivalent to "straight size joint" without stopper.
If the "B" dimentions are not identical to table 2 or "straight size joint" is with sttoper, adjust them as table 2, 4 and 5 show.

■ Table 4 (For Outdoor unit A Side)

Model type	Gas-side accessory pipe(3) B(mm) ✽dimensions For 100	For 139	For 233	Cutting position	Gas pipe 1(field supply) L(mm) ✽dimensions For 100	For 139	For 233
8HP	102	63	48	B	unnecesary		79
10HP	72	33	25	B	unnecesary		86
12HP ~ 18HP	0 (no cutting)	53	0 (no cutting)	B	92	133	

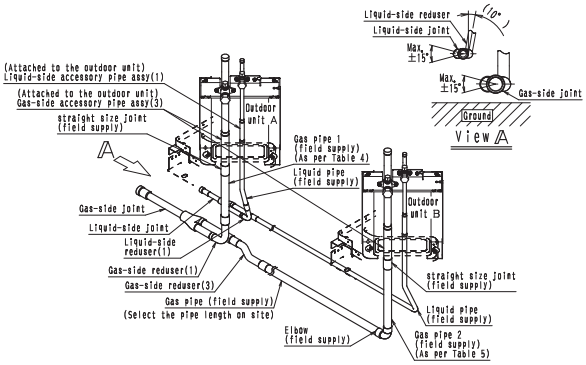
■ Table 5 (For Outdoor unit B Side)

Model type	Gas-side accessory pipe(3) B(mm) ✽dimensions For 100	For 139	For 233	Cutting position	Gas pipe 2(field supply) L(mm) ✽dimensions For 100	For 139	For 233
8HP	0 (no cutting)	0 (no cutting)	0 (no cutting)	B	76	115	209
10HP	18	0 (no cutting)	0 (no cutting)	B	88	109	203
12HP ~ 18HP	32	0 (no cutting)	0 (no cutting)	B	96	103	197

2-2 Connection of pipes

• Remove the knockout plate on the bottom frame. (See the installation manual attached to the outdoor unit)
• Connect the gas and liquid pipe as shown in the figure below. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid-side reducer (1))
• See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
• Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the view A)
• Connect the liquid side reducer(1) tilting approx. 10° and bend the field supplied liquid pipe up to the stop valve as shown in the figure below. (See the view A)

Caution • If the liquid side reducer is connected vertically without bending the liquid pipes, the insulation will not fit.



continue to reverse side

1P173261-1A

❸ The work after the kit is connected

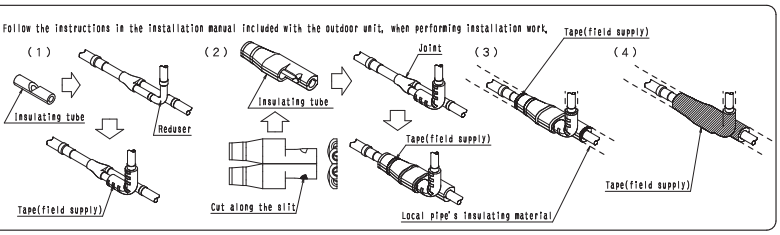
Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints

(1) Fit the insulation to the reducer and temporarily keep it in place with tape.
(2) Cut insulating tube along the slit. (See the figure at the right.)
Fit the insulation to the joint and temporarily keep it in place with tape without leaving a gap between the insulation mating faces.
(3) Seal the seam between the insulation and the field supply piping insulation with the field supply tape.
(4) Wrap the tape around the insulation attached to the joint without leaving a gap. (▨ section shown in the figure at the right.)



BHFP22P151 Installation Instructions

Caution There are some restrictions on the interconnecting piping between the outdoor units. See the installation manual attached to the outdoor units and make sure to carry out proper piping. If the piping restrictions are not observed, it may result in malfunction of the unit.

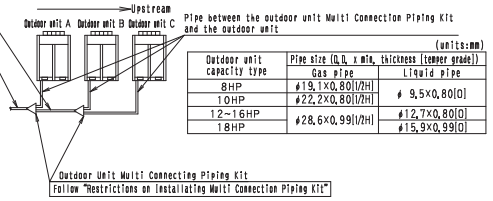
Connecting Pipe Sizes and location of cutting the joint

Select cutting point of a joint or a reducer which is suitable for the size of the interconnecting pipes determined according to the table below and cut it with a pipe cutter.

Pipe between outdoor unit Multi Connection Piping Kit
●Select the pipe size according to the total capacity of the outdoor unit (unit B, C).
Main pipe
●Select the pipe size according to the total capacity of the outdoor unit to be connected upstream (unit A, B, C).

(units : mm)

Outdoor unit total capacity (unit A, B, C) or the total capacity of the outdoor unit to be connected upstream (unit B, C)	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
16HP	ø28.6×0.99[1/2H]	ø12.7×0.80[0]
18~22HP		ø15.9×0.99[0]
24HP	ø34.9×1.21[1/2H]	
26~34HP		ø19.1×0.80[1/2H]
36HP~	ø41.3×1.43[1/2H]	



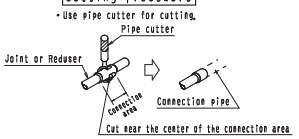
Pipe between the outdoor unit Multi Connection Piping Kit and the outdoor unit

(units:mm)

Outdoor unit capacity type	Pipe size (O.D. x min. thickness [temper grade])	
	Gas pipe	Liquid pipe
8HP	ø19.1×0.80[1/2H]	ø 9.5×0.80[0]
10HP	ø22.2×0.80[1/2H]	
12~16HP	ø28.6×0.99[1/2H]	ø12.7×0.80[0]
18HP		ø15.9×0.99[0]

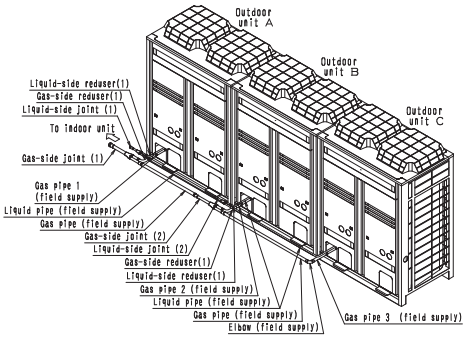
Cutting procedure

• Use pipe cutter for cutting.



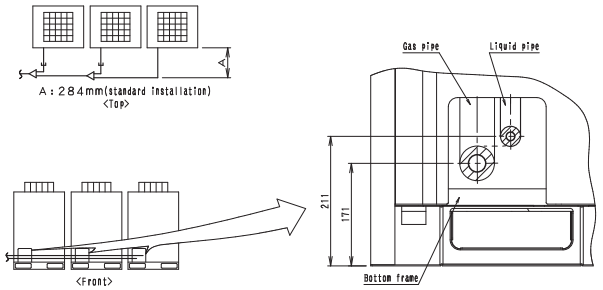
❶ Installation examples — Procedure for Front Connection

1-1 Exterior view



1-2 Finished dimensions

• For installations where the A dimensions exceed 284 mm, extend the field supply interconnecting pipe between the joint and the outdoor unit.



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

• Cut the pipes according to Table 6.

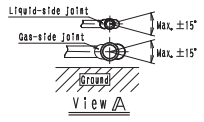
Caution • This Table shows the case when the A dimensions shown in "1-2 Finished dimensions" is 284mm. If the A dimensions exceed 284mm, see Table 6 and adjust the dimensions of the gas pipe 1 and 2 and 3.
• The L dimensions of the gas pipe 3 in Table 6 show those when the field supply elbows have B dimension in Table 2 shown in BHFP22P151 Installation Instruction, 2 connection of gas and liquid pipes.
If the B dimensions are not same with Table 2, see Table 2 and 6, and adjust them accordingly.

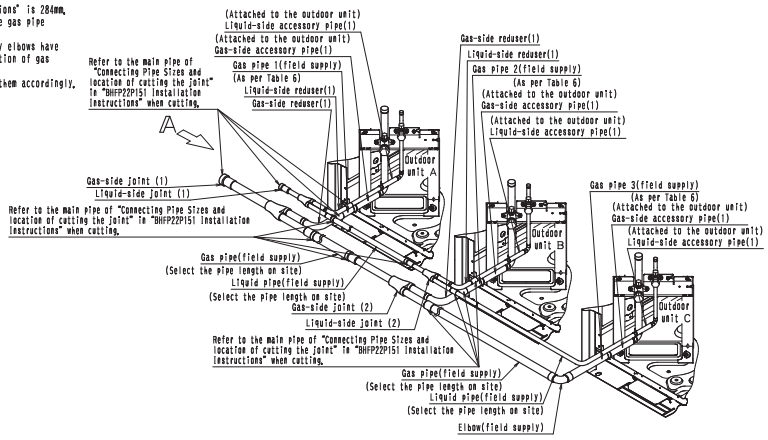
■ Table 6

Model type	Gas pipe 1 (field supply) L (mm)	Gas pipe 2 (field supply) L (mm)	Gas pipe 3 (field supply) L (mm)
8HP	51	69	282
10HP	57	75	252
12~18HP	101	119	218

2-2 Connection of pipes

• Connect the gas and liquid pipes as shown in the figure at the right. When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid side reducer(1).
• See "1-2 Finished dimensions" for the location(height) of the joint.
• See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
• Install the joint in such a way that the attached face of the caution label becomes horizontal (See the View A).





❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit

Air tight test

Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

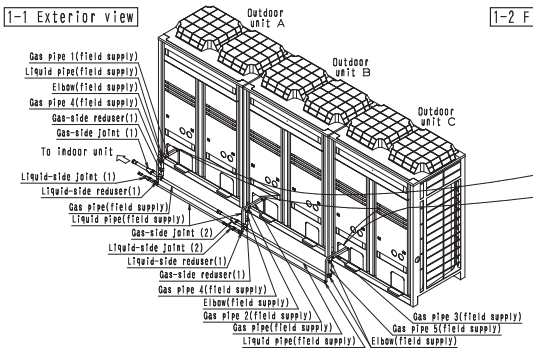
Insulation of joints

• See "The work after the kit is connected" for a front connection in "BHFP22P151 Installation Instructions."

1P173262-1A

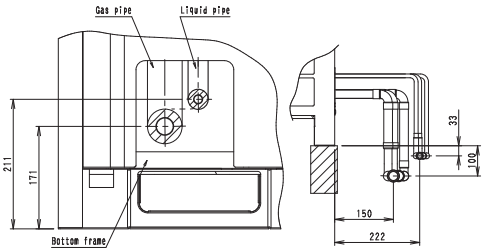
❶ Installation examples — Procedure for Lower Front Connection

1-1 Exterior view



1-2 Finished dimensions

- A standard installation has the following dimensions.
- When the dimensions exceed the standard installation, extend the pipes between the outdoor unit and the joint. (field supply)



❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipes

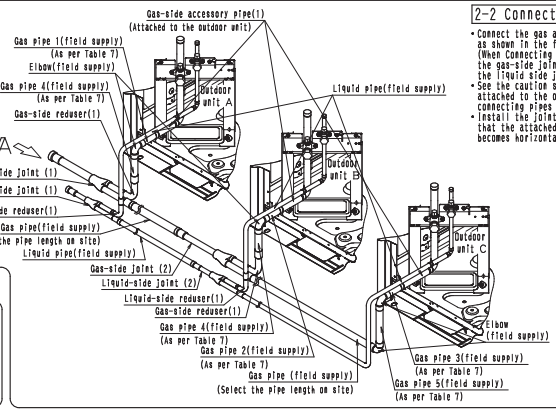
- Cut the pipes according to Table 7.

Caution
- The L dimensions of the gas pipe 1 to 5 in Table 7 show those when the field supply elbows have B dimension in Table 2 shown in BHFP22P100 Installation Instruction, 2 Connection of gas and liquid pipes and the field supply joint for the same diameter pipes are without stopper.
  If the B dimensions are not same with Table 2 or the joint for the same diameter pipes have stopper, see Table 2 and 7, and adjust them accordingly.

■ Table7

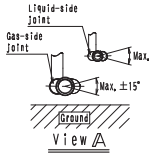
Model type	Gas pipe 1(field supply) L(mm)	Gas pipe 2(field supply) L(mm)	Gas pipe 3(field supply) L(mm)
8HP	130	147	182
10HP	100	117	152
12~18HP	66	83	118

Model type	Gas pipe 4(field supply) L(mm)	Gas pipe 5(field supply) L(mm)
8HP	59	237
10HP	83	225
12~18HP	149	213



2-2 Connection of pipes

- Connect the gas and liquid pipes as shown in the figure at the left. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer (1), the liquid side joint and the liquid-side reducer (1).)
- See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the View A).



❸ The work after the kit is connected

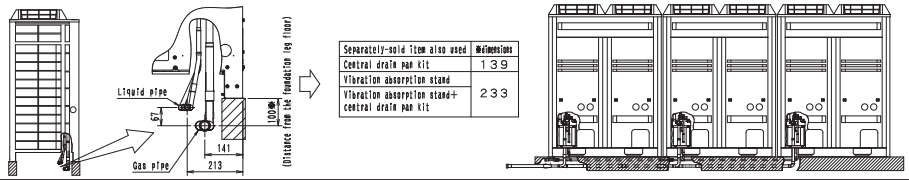
Connection of piping between the outdoor unit and the indoor unit
Air tight test
} Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints
- See "The work after the kit is connected" for a lower front connection of "BHFP22P100 Installation Instructions."

❶ Installation examples — Procedure for Bottom Connection

Caution This installation is only possible if there is enough space to perform brazing and racking underneath the outdoor unit. If a centralized drain pan kit and/or vibration proof base are used, the dimensions marked with "✱" in the figure below will vary, so see the table below and determine the length of the field pipes.

1-1 Exterior view



Separately-sold item also used	✱dimensions
Central drain pan kit	139
Vibration absorption stand	233
Vibration absorption stand+ central drain pan kit	

❷ Connection of gas and liquid pipes

2-1 Cutting the field supply gas pipe 1 and 2, and the Gas-side accessory pipe(3) attached to the outdoor unit

- Cut the pipes according to Table 8 or 9.

Caution
- The "L" dimensions of the gas pipe 1 in Table 8 and the gas pipe 2 in Table 9 are identical to the "B" dimensions in table 2, those of "field supply elbows" shown in the procedure of front connection, which are equivalent to "straight size joint" without stopper. If the "B" dimentions are not identical to table 2 or "straight size joint" is with sttoper, adjust them as table 2, 8 and 9 show.

■ Table 8 (For Outdoor unit A, B Side)

Model type	Gas-side accessory pipe(3) B(mm) ✱dimensions For 100	For 139	For 233	Cutting position	Gas pipe 1(field supply) L(mm) ✱dimensions For 100	For 139	For 233
8HP	102	63	48	B	unnecesary		79
10HP	72	33	25				86
12HP ~ 18HP	0 (no cutting)	53	0 (no cutting)			92	133

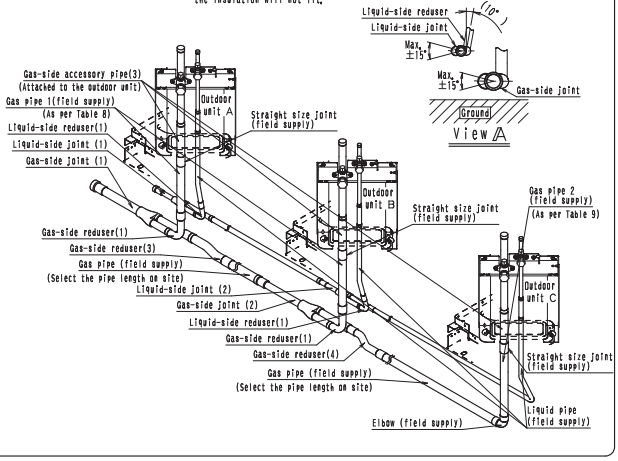
■ Table 9 (For Outdoor unit C Side)

Model type	Gas-side accessory pipe(3) B(mm) ✱dimensions For 100	For 139	For 233	Cutting position	Gas pipe 2(field supply) L(mm) ✱dimensions For 100	For 139	For 233
8HP	0 (no cutting)	0 (no cutting)	0 (no cutting)	B	76	115	209
10HP	18	0 (no cutting)	0 (no cutting)		88	109	203
12HP ~ 18HP	32	0 (no cutting)	0 (no cutting)		96	103	197

2-2 Connection of pipes

- Remove the knockout plate on the bottom frame. (See the installation manual attached to the outdoor unit)
- Connect the gas and liquid pipe as shown in the figure below. (When connecting the pipes, first connect the gas-side joint and the gas-side reducer(1), the liquid-side joint and the liquid-side reducer (1))
- See the caution section in the installation manual attached to the outdoor unit for brazing pipes and connecting pipes with flare nuts.
- Install the joint in such a way that the attached face of the caution label becomes horizontal. (See the view A)
- Connect the liquid side reducer(1) tilting approx. 10° and bend the field supplied liquid pipe up to the stop valve as shown in the figure below. (See the view A)

Caution
- If the liquid side reducer is connected vertically without bending the liquid pipes, the insulation will not fit.



❸ The work after the kit is connected

Connection of piping between the outdoor unit and the indoor unit
Air tight test
} Follow the instructions in the installation manual included with the outdoor unit, when performing installation work.

Insulation of joints
- See "The work after the kit is connected" for a front connection in "BHFP22P100 Installation Instructions."

1P173262-1A

6. Caution Label

6.1 RXQ6AYM / RXQ8AYM / RXQ10AYM / RXQ12AYM

Service Precautions

Touch the non-coating metal part (Ex. standard type : the El.Comp.Box cover , anti-corrosion treatment types: the fixing bolt of EL.Compo.Box) to eliminate static electricity before performing service.

After finish service, make sure to close service cover. (water soaking and foreign object may cause failure)

Caution when performing service inside the EL.COMPO.BOX

1. Make sure to turn off power supply before remove the EL.COMPO.BOX cover. (Touching electric parts may cause electric shock.)
2. Do not open the El.COMPO.BOX cover for 10 minute after the power supply is turned off.
3. Measure the voltage between terminals on the terminal block for power supply with a tester and confirm that the power supply is turned off . In addition, measure the points shown in the right figure with a tester and confirm that the voltage of the capacitor in the main circuit is less than DC50V.
4. To prevent a damage of the PC board touch the non-coating metal part and make sure to eliminate static electricity before pulling out or plugging in the connector.

continute

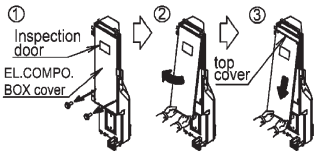
CAUTION for removing and installating the EL.COMPO.BOX cover

[Method of removal]

① Remove the 2 screw fixing the cover.
② Remove the cover towards you.
③ Pull the cover downward till its top shows.

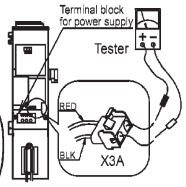
[Method of installation]

For installing the cover follow the procedures in the reverse order.



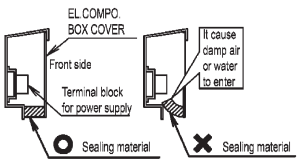
WARNING Caution to ELECTRIC SHOCK

5. The work must be started after pulling out the junction connector X1A for the fan motor in the outdoor unit and be careful not to touch the live parts. (If the fan rotates by strong wind, it may cause storage of electricity in the capacitor in the main circuit and electric shock.)
6. After the service is finished, plug in the junction connector.
   - For details, see the wiring diagram labeled on the back of the EL.COMPO.BOX cover.
   - Otherwise, abnormal code "E7" will be displayed on 7 segment display of outdoor unit PC board(A1P) and in the remote controller due to wrong connection, and normal operation will not be performed.



[Caution]

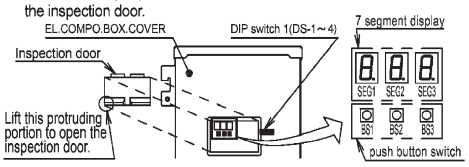
- Do not remove the cover by force, If the cover is deformed, water may enter inside, which may cause failure.
- Install the cover so that the sealing material labeled on the lower part on its back side may not get caught in the EL.COMPO.BOX inside (See as shown on the right)



Field Setting

If required, carry out the field setting according to the following instructions.For details, see the service manual.

1. How to operate
   - When setting the DIP switch, make sure to turn off the power supply and open the EL.COMPO.BOX cover.
   - For operating the push button switch, open the inspection door as shown in the below figure with the power supply turned on and use a resin ballpoint or non-conducting object. After the work is finished, make sure to close the inspection door.



2. DIP switch setting (for RXYQ Model)

No.	Setting item	Setting value
DS1-1	Cool/Heat switching setting (Note)	ON (when connecting COOL/HEAT selector) OFF (Factory setting)
DS1-2~4		No change of factory set (OFF)

(Note) COOL/HEAT selector (optional accessory) installing in outdoor unit is enable to switch operation mode (cooling/heating). For details of COOL/HEAT selector installation method, see its installation manual.

3. Setting by the push button switch (BS1~3)
   - Function of the push switch

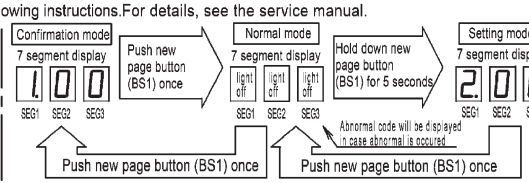
Push button	Button types	Use
BS1	New page button	For changing setting mode
BS2	Operation button	For changing field setting
BS3	Confirm button	
BS2 long push	Operation button	For check operation
BS3 long push	Confirm button	For resetting the address when the wiring is changed or an additional indoor unit is installed

●Normal Mode, Setting Mode, Confirmation Mode change method

Push new page button(BS1) it can be switched to as right upper shown confirmation mode, normal mode, setting mode.

Setting mode can use for setting Ⓐ~Ⓗitems as shown in right table.
Confirmation mode can use for confirmation of Ⓙ•Ⓚitems as shown in right table.
(Note) About other settings and abnormal code, see service manual.

continue



If you get confused in the setting process, push the new page button(BS1), then it will return to initial state (Normal mode)

- For each type setting, make sure to set master unit. Slave unit setting is invalid.
- Outdoor unit which connect with indoor units by transmission wiring is master unit, other are slave units.
- Master unit and slave unit can be distinguished by 7 segment display according to operation below.

			7 segment display SEG1	SEG2	SEG3
(1)	In Normal mode push new page button (BS1) once then make it as Confirmation mode to confirm 7 segment display as show right description.		1	0	0
(2)	To confirm master unit or slave unit, push confirmation button(BS3)	Master unit	light off	light off	0
		Slave unit1	light off	light off	1
		Slave unit2	light off	light off	2

Set Setting mode or Confirmation mode first, then perform procedure as below.

Setting procedure			Details of setting	7 Segment display SEG1	SEG2	SEG3
① Push the operation button (BS2) following to setting items (Ⓐ~Ⓗ) and adjust the 7 segment display to require mode shown in the right. (※1) For selecting low noise operation or demand operation by outside order or performing cool/heat setting by cool/heat central remote control (for RXYQ ~ Model) or VRT smart setting by external control adapter for outdoor unit (optional accessory) is required. For details, see the instruction attached to the adapter.			Ⓐ Cool/Heat selection setting (※1)	2	0	0
			Ⓑ Refrigerant recovery / Evacuation mode setting	2	2	1
			Ⓒ Night time low noise setting	2	2	2
			Ⓓ External low noise level setting (※1)	2	2	5
			Ⓔ Demand level setting (※1)	2	3	0
			Ⓕ External low noise demand setting (※1)	2	1	2
			Ⓖ High static pressure setting	2	1	8
			Ⓗ VRT smart setting (※1)	2	1	1
② Push the confirmation button (BS3) (The present setting will be indicated).				Either of Ⓢ		
③ Push the operation button (BS2) and adjust the 7 segment display to required mode, shown in the right.		For Ⓐ	For perform individual cool/heat switching	light off	light off	0
			For cool/heat switching by master unit	light off	light off	1
			For cool/heat switching by slave unit	light off	light off	2
		For ⒷⒻⒼ	ON	light off	light off	1
			OFF (Factory setting)	light off	light off	0
		For Ⓒ (※2)	OFF (Factory setting)	light off	light off	0
			level A (※3) (※3) A is a number of 1~4	light off	light off	A (※3)
		For Ⓓ (※2)	level A (※3) (※3) A is a number of 1~4 (Factory setting:2)	light off	light off	A (※3)
		For Ⓔ (※2)	level B (※4) (※4) B is a number of 1~8 (Factory setting:3)	light off	light off	B (※4)
		For Ⓗ	OFF (Factory setting)	light off	light off	0
			VRT smart setting by connecting "low noise sound" terminal	light off	light off	1
			VRT smart setting by connecting "demand input" terminal	light off	light off	2
④ Push confirmation button (BS3)			The setting in Ⓢ is defined	If will turn to light ON.		
⑤ Push confirmation button again (BS3)			The system start the operation according to the setting.	2	0	0
⑥ Push new page button (BS1)			Return to normal mode	light off	light off	light off
Confirmation procedure ① Push operation button (BS2) according to confirmation item (Ⓙ, Ⓚ) and adjust the 7 segment display to required mode, shown in the right.			Ⓙ low noise operation	1	0	1
			Ⓚ demand operation	1	0	2
Confirmation procedure ② Push confirmation button (BS3) (The present setting will be indicated)			For during setting operation	light off	light off	1
			For during normal operation	light off	light off	0

(※2) Setting level efficiency

For Ⓒ and Ⓓ	Setting value	level 1~ level 4
	Noise value	→ low noise
For Ⓔ	Setting value	level 1 ~ level 8
	Power consumption	less power ←

For details. see the service manual.

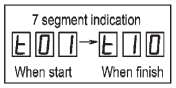
Check operation method

Make sure to open the gas side and liquid side shut off valve before starting operation.

- Make sure to turn on the power supply of all connect unit (indoor • outdoor) before operation.
- Make sure to close all outside panels, then operate. If not, the system cannot be checked properly.

- For multi system, make sure to confirm setting and result indication by master unit.
- Make sure to carry out the check operation after the first installation. Otherwise, the abnormal code. "U3" will be displayed in the remote controller. Normal operation can be carried out after 5 minutes from check operation.
- The check operation is automatically carried out in a cooling mode. The 7 segment will be indicated as shown in right, and "Test operation" and "Under centralized control" will be displayed in the remote controller.

7 segment indication



When start When finish

- During the check operation, it is impossible to stop the unit from the remote controller. When discontinue the operation, push the confirmation button(BS3). The system will stop after behind operation for 30 seconds.
- It may takes 5 minutes to bring the state of refrigerant uniform before the compressor starts. Moreover, during the check operation, the refrigerant running sound, the magnetic sound of a solenoid valve may become loud during operation, but these are not malfunctions.
- The abnormality of each indoor unit cannot be checked. After the check operation is finished, check the indoor units individually by normal operation using the remote controller.

【Operation procedure】

① To protect the compressor, make sure to turn on the power supply for 6 hours before starting operation.
(After turning on the power supply, the unit can not start the operation until 7 segment goes off. (Maximum 12 minutes))

② In stop condition, set to Normal mode

③ Push the operation button (BS2) for 5 second or more (Then the unit will start the check operation)

④ Close the front panel. (Otherwise, it may cause a misjudgment.)

⑤ When the checks are completed (unit run for 30~40 min.), the system will stop automatically. Check the operation results by the outdoor unit 7 segment display. (see the table shown upward)

Result	7 segment display
Normally finished	Light off
Abnormally finished	Abnormal code

Push new page button (BS1) in case taking a wrong operation, then follow proceduce since ② again.

【Countermeasure for abnormal finish】

①Confirm the abnormal code by the remote controller and 7 segment display, and correct the abnormality (For how to correct abnomality and correction method, see the Installation manual, Operation manual, Service manual,)

②After correcting the abnormality, push the confirmation button (BS3) and reset the abnormal code.

③Carry out the check operation again and confirm that the abnormality is properly corrected.

Service mode operation method

- After turning on the power supply, the unit can not start until the 7 segment indication goes off for maximum 12 minutes.
- Do not shut off the power and do not reset the SETTING MODE when evacuating or recovering the refrigerant.(The expansion valves will close and the system can not be evacuated or recovered the refrigerant).

[Evacuation method] (At the first installation this evacuation is not required. It is only required for service).

① When the unit is in stopping condition and under the SETTING MODE set the Ⓑ refrigerant recovery/evacuation mode (※)

② Evacuate the system with a vaccum pump.

③ Push confirm button(BS3) after finish evacuation and reset the evacuation mode.

④ Push new page button (BS1) and reset SETTING MODE

(※) The expansion valves in the indoor and outdoor units will be opened completely 7 segment display will be changed as shown in the right and "Test operation" and "Under centralized control" will be displayed in the remote controller, The operation will be rejected.

7 segment display E01

[Refrigerant recovery operation method] (Make sure to use a refrigerant reclaimer)

① When the unit is at stand still and under the SETTING MODE set the Ⓑ Refrigerant recovery / Evacuation mode to ON.

② Recovery the refrigerant by a refrigerant reclaimer.(For details, see the manual attached in refrigerant recovery operation method).

③ After completed, push the confrim button (BS3) and reset the refrigerant recovery mode.

④ Push new page button (BS1) and reset SETTING MODE

Additional refrigerant charging operation

- When installation was finished , make sure to charge the refrigerant by using this procedure. If the refrigerant quantity is insufficient, the unit may malfunction.

Setting procedure
[Refrigerant charging function]

① Calculate the additional refrigerant charging amount (see additional refrigerant charge label on back side of front panel). **If the calculation refrigerant charging amount is more than 4kg, follow procedure as below.**

② Connect the refrigerant charge hose to the shutoff valve service port ; only liquid side.

③ Make sure to completely close shutoff valve on the gas side and the liquid side.

④ Turn ON the power of the indoor unit and the outdoor unit. To protect the compressor, make sure to turn on the power supply for 6 hours before starting operation.

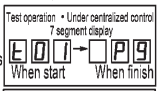
⑤ In the stopped status,

1. Open refrigerant cylinder valve and charge 50%(±10%) of calculated additional refrigerant charge amount before start the automatic refrigerant method.
2. Connect charge hose to autocharge valve and open shutoff valve on gas side and liquid side.
3. Perform the automatic refrigerant method (for procedure see in "installation manual").

Note) If the calculation refrigerant charging amount is 4 kg or less, pass step ② , ③ and Ⓑ - 1

- The operation is automatically started, 7 segment display will be charged as shown in right(up) and "Test operation"and "under centralized control" are displayed in the remote controller.
- Low pressure indication may display on 7 segment display (as shown in right (down)), however, operation can be carried out continuously.

Test operation • Under centralized control
7 segment display



When start When finish

Example 7 Segment display
0.17 MPa → 0 1 7

⑥ After charging the specified quantity of refrigerant, close refrigerant cylinder valve, press confirmation button (BS3). The operation will be stopped. The operation is automatically stopped within 30 minutes.

Caution for piping work and additional refrigerant charge

- Use the charging hose and gauge manifold designed exclusive use R410A in order to withstand the pressure and prevent impurities (such as SUNISO oil) from mixing into.
- Carry out a nitrogen blow when brazing.
- Charge the additional refrigerant in liquid state.
- Perform the air tighness and the vacuum drying certainly. (Test pressure 4.0MPa)

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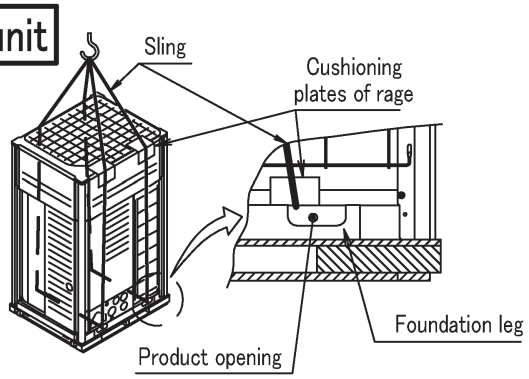
R410A

To those who install or move the unit

1. When lifting the unit

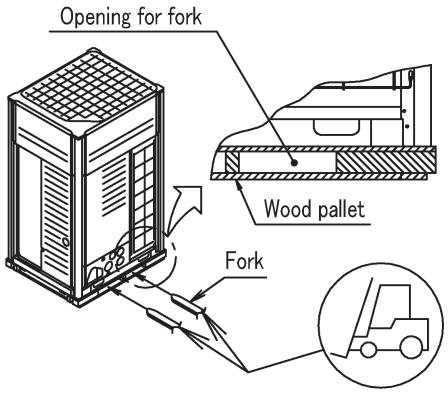
- To hang the unit, use 2 slings of at least 8 m long, Put the belt slings into the product openings of foundation legs.
- Put cushioning plates of rags where the slings contact the casing in order to prevent the casing from being damaged.



2. When carrying the unit by forklift

Prohibition	Do not put the fork into the product openings of foundation legs. ※ Product could get damaged due to put fork into product openings of foundation legs.

- If a forklift is used for carrying the unit, Put the fork into wood pallet openings by let the tip out of the opposite side sufficiently.



3. Electrical work

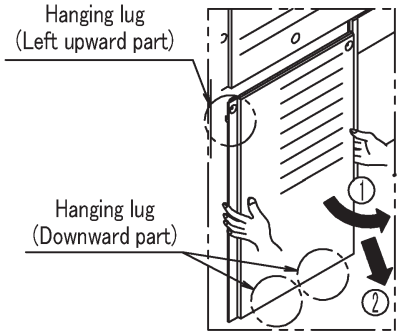
- To prevent electric shock and fire accident, be sure to perform grouding and install an earth leak breaker. To perform grouding and install an earth leak breaker, be sure electrical work must be carried out by a licensed electrician.
- To confirm the insulation of main power supply circuit before open shutoff valve. If shutoff valve remains open without charge power supply, insulation resistance may decline due to refrigerant is accumulated in compressor.

To those who carry out service and maintenance

⚠ WARNING Caution to electric shock	● Beware the fan running when inspect. ● Do not touch the charged part when inspect.

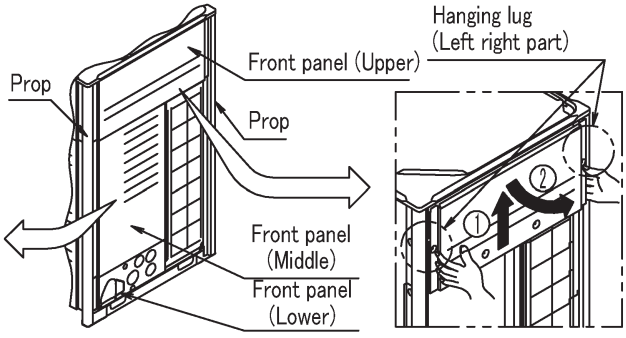
〈Front panel (Middle) remove method〉

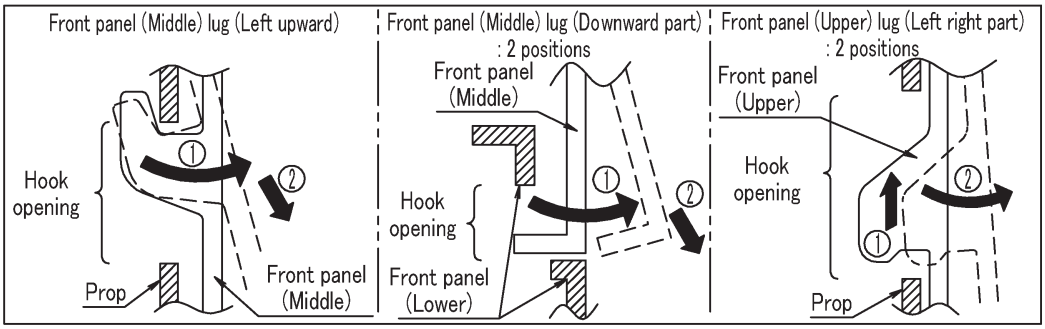
● Pull front panel (down) and a prop out of left upward part and hanging lug downward part towards you (①), Then slide in a slope downward direction (②).



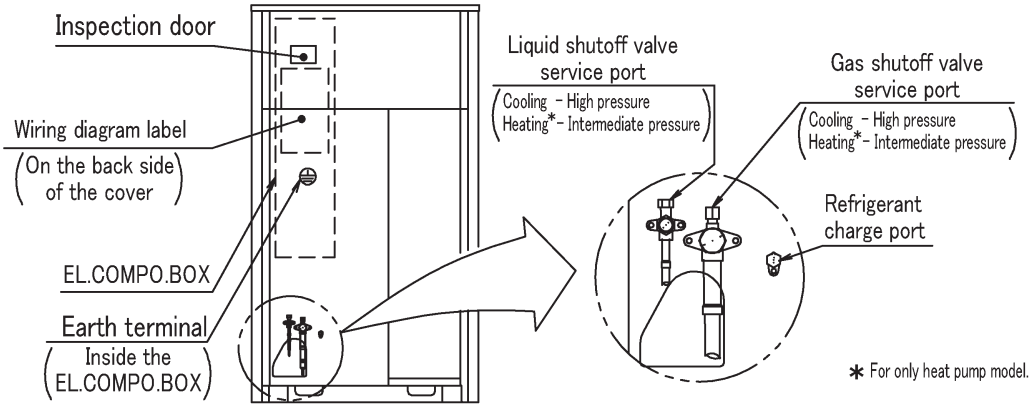
〈Front panel (Upper) remove method〉

● Lift the panel a little (①), remove left right hanging lug by raise panel from hook opening towards you (②).





● For the location of the EL.COMPO.BOX and the service part, see as shown below.



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6.2 RXQ14AYM / RXQ16AYM / RXQ18AYM / RXQ20AYM

Service Precautions (1/2)

Touch the noncoating metal part (Ex. standard type:the EL.COM.BOX cover, anti-corrosion treatment types : the fixing bolt of EL.COMPO.BOX) to eliminate static electricity before performing service.

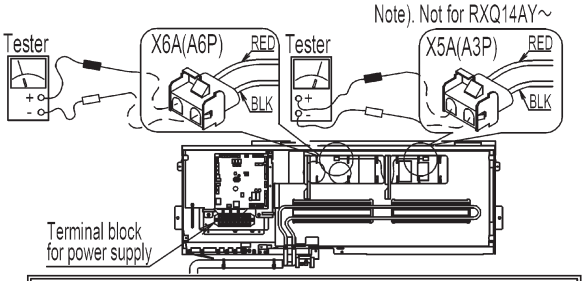
⚠WARNING | ⚠ Caution to ELECTRIC SHOCK

1. Make sure to turn off power supply before remove the EL.COMPO.BOX cover. (Touching electric parts may cause electric shock.)
2. Do not open the El.COMPO.BOX cover for 10 minutes after the power supply is turned off.
3. Measure the voltage between terminals on the terminal block for power supply with a tester and confirm that the power supply is turned off. In addition, measure the points shown in the right figure with a tester and confirm that the voltage of the capacitor in the main circuit is less than DC 50V.
4. To prevent a damage of the PC board, touch the non coating metal part and make sure to eliminate static electricity before pulling out or plugging in the connector.
5. The work must be started after pulling out the junction connector X1A・X2A for the fan motor in the outdoor unit and be careful not to touch the live parts. (If the fan rotates by strong wind, it may cause storage of electricity in the capacitor in the main circuit and electric shock.)
6. After the service is finished, plug in the junction connector.

- For details, see the wiring diagram label on the back of the EL.COMPO.BOX cover.
- Otherwise, abnormal code "E7" will be displayed on 7 segment display of outdoor unit PC board (A1P) and in the remote controller due to wrong connection, and normal operation will not be performed.

After finish service, make sure to close EL.COMPO BOX cover. (water soaking and foreign object may cause failure.)

Note). Not for RXQ14AY~



Caution for piping work and addition refrigerant charge

- Use the charging hose and gauge manifold designed exclusive use R410A in order to withstand the pressure and prevent impurities (such as SUNISO oil) from mixing into.
- Carry out a nitrongen blow brazing.
- Charge the additional refrigerant in liquid state.
- Perform the air tightness test and the vacuum drying certainly.(Test pressure 4.0 MPa.)

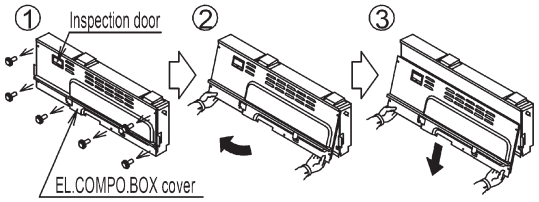
Caution in check operation

- Make sure to turn ON the power to the connected units (indoor and outdoor) at first.
- The operation must be performed with the all outer plates closed. Otherwise, the operation will malfunction, and the system cannot check properly.

Caution for install and remove EL.COMPO.BOX cover

[Method of removal]

①Remove the 6 screws fixing the cover.
②Pull the cover towards you.
③Slide the cover downward until can see the upper tip.

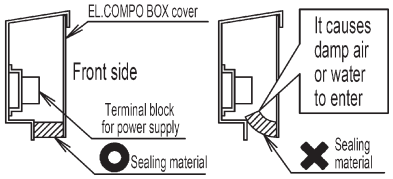


[Method of installation]

For installing the cover, follow the [Method of removal] in the reverse order.

[CAUTION]

- Do not remove the cover by force, if the cover is deformed, water may enter inside, which may cause failure.
- Install the cover so that the sealing material label on the lower part on its back side may not get caught in the EL.COMPO.BOX inside. (see as shown on the right figure)



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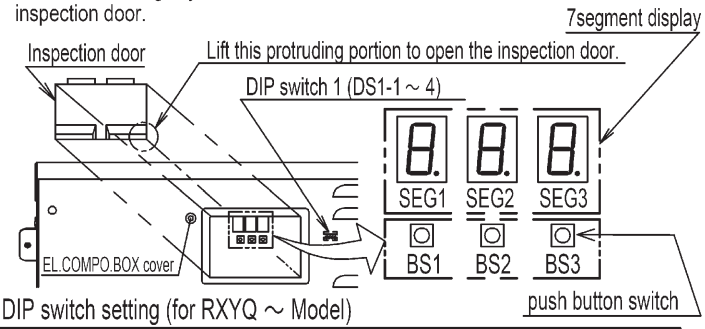
Service precautions (2/2)

Field setting

If required, carry out the field setting according to the following instruction.
For details, see the service manual.

1. How to operate
   - When setting the DIP switch, make sure to turn off the power supply and open the EL.COMPO.BOX cover.
   - For operating the push button switch, open the inspection door as shown in the below figure with the power supply turned on, and use a resin ballpoint or non-conducting object. After the work is finished make sure to close the inspection door.



2. DIP switch setting (for RXYQ ~ Model)

No.	Setting item	Setting value
DS1-1	Cool/Heat switching setting (Note)	ON (when connecting COOL/HEAT selector) OFF (Factory setting)
DS1-2 ~ 4		No change of Factory set (OFF)

(Note) COOL/HEAT selector (optional accessory) installing indoor unit is enable to switch operation mode (cooling/heating). For details of COOL/HEAT selector installation method, see its installation manual.

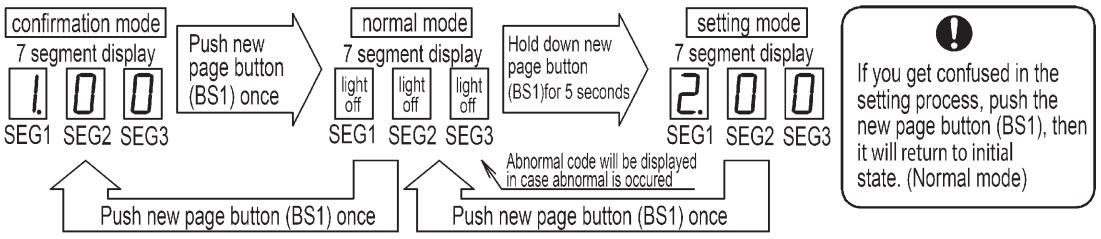
3. Setting by the push button switch (BS1~3)

- Function of the push switch

Push button	Button types	Use
BS1	New page button	For changing setting mode
BS2	Operation button	For changing field setting
BS3	Confirm button	
BS2 long push	Operation button	For check operation
BS3 long push	Confirm button	For resetting the address when the wiring is changed or an additional indoor unit is installed

- Normal Model, Setting Mode, Confirm mode change method

Push new page button (BS1). It can be switched to as right upper shown confirmation mode, normal mode, setting mode.
Setting mode can use for setting Ⓐ ~ Ⓗ as shown in right table.
Confirmation mode can for confirmation of Ⓙ • Ⓚ items as shown in right table.
(Note) About other settings and abnormal code, see the service manual.



- For each type setting, make sure to set master unit. Slave unit setting is invalid.
- Outdoor unit which connect with indoor unit by transmission wiring is master unit, other are slave units.
- Master unit and Slave unit, can be distinguished by 7 segment display according to operation below.

			7 segment display		
			SEG1	SEG2	SEG3
(1)	In Normal mode push new page button (BS1) once then make it as confirmation mode to confirm 7 segment display as shown in right description.		1	0	0
(2)	To confirm master unit or slave unit, and push confirmation button (BS3).	Master unit	light off	light off	0
		Slave unit 1	light off	light off	1
		Slave unit 2	light off	light off	2

3P502539-1A

	Set [setting mode] and [confirmation mode] first, then perform procedure as below.		Details of setting	7 Segment display SEG1	SEG2	SEG3
Setting procedure	① Push the operation button (BS2) following to setting items (Ⓐ～Ⓗ) and adjust the 7 segment display to required mode, shown in the right. (※1) For selecting low noise operation or demand operation by outside order or performing cool/heat setting by cool/heat central remote control (for RXYQ ～ Model) or VRT smart setting by external control adapter for outdoor unit (optional accessory) is required. For details, see the instruction attached to the adapter.		Ⓐ Cool/Heat selection setting (※1)	2	0	0
			Ⓑ Refrigerant recovery / Evacuation mode setting	2	2	1
			Ⓒ Night time low noise setting	2	2	2
			Ⓓ External low noise level setting (※1)	2	2	5
			Ⓔ Demand level setting (※1)	2	3	0
			Ⓕ External low noise demand setting (※1)	2	1	2
			Ⓖ High static pressure setting	2	1	8
			Ⓗ VRT smart setting (※1)	2	1	1
	② Push the confirmation button (BS3) (The present setting will be indicated).			Either of ③		
	③ Push the operation button (BS2) and adjust the 7 segment display to the example. Shown on the right according to the required mode. (※2) Setting level efficiency For Ⓒ and Ⓓ: Setting value: level 1~ level 4; Noise value: ⟶ low noise For Ⓔ: Setting value: level 1 ~ level 8; Power consumption: less power ⟵ For details. see the service manual.	For Ⓐ	For perform individual cool/heat switching	light off	light off	0
			For cool/heat switching by master unit	light off	light off	1
			For cool/heat switching by slave unit	light off	light off	2
		For Ⓑ Ⓕ Ⓖ	ON	light off	light off	1
			OFF (Factory setting)	light off	light off	0
		For Ⓒ (※2)	OFF (Factory setting)	light off	light off	0
			level A (※3) (※3) A is a number of 1～ 4	light off	light off	A (※3)
		For Ⓓ (※2)	level A (※3) (※3) A is a number of 1～ 4 (Factory setting:2)	light off	light off	A (※3)
		For Ⓔ (※2)	level B (※4) (※4) B is a number of 1～ 8 (Factory setting:3)	light off	light off	B (※4)
		For Ⓗ	OFF (Factory setting)	light off	light off	0
			VRT smart setting by connecting "low noise sound" terminal	light off	light off	1
			VRT smart setting by connecting "demand input" terminal	light off	light off	2
	④ Push confirmation button (BS3)		The setting in ③ is defined	If will turn to light ON.		
	⑤ Push confirmation button again (BS3).		The system start the operation according to the setting.	2	0	0
	⑥ Push new page button (BS1)		Return to normal mode	light off	light off	light off
Confirmation procedure	① Push operation button (BS2) according to confirmation item (Ⓙ, Ⓚ) and adjust the 7 segment display to required mode, shown in the right.		Ⓙ low noise operation	1	0	1
			Ⓚ demand operation	1	0	2
	② Push confirmation button (BS3) (The present setting will be indicated)		For during setting operation	light off	light off	1
			For during normal operation	light off	light off	0

3P502539-1A

Additional refrigerant charging operation

● When installation was finished , make sure to charge the refrigerant by using this procedure.
If the refrigerant quantity is insuffcient, the unit may malfunction.

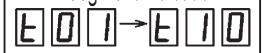
Setting procedure [Refrigerant charging function]
① Calculate the additional refrigerant charging amount (see additional refrigerant charge label on back side of front panel). **If the calculation refrigerant charging amount is more than 4kg, follow procedure as below.**
② Connect the refrigerant charge hose to the shutoff valve service port ; only liquid side.
③ Make sure to completely close shutoff valve on the gas side and the liquid side.
④ Turn ON the power of the indoor unit and the outdoor unit. To protect the compressor, make sure to turn on the power supply for 6 hours before starting operation.
⑤ In the stopped status, 1. open refrigerant cylinder valve and charge 50%(±10%) of calculated additional refrigerant charge amount before start the automatic refrigerant method. 2. Connect charge hose to autocharge valve and open shutoff valve on gas side and liquid side. 3. Perform the automatic refrigerant charging method (for procedure see in "Installation manual"). **Note) If the calculation refrigerant charging amount is 4 kg or less, pass step ② ,③ and ⑤ - 1** ● The operation is automatically started, 7 segment display will be charged as shown in right(up) and "Test operation"and "under centralized control" are displayed in the remote controller. ● Low pressure indication may display on 7 segment display (as shown in right (down)), however, operation can be carried out continuously. Test operation • Under centralized control 7 segment display When start → When finish Example 7 Segment display 0.17MPa
⑥After charging the specified quantity of refrigerant, close refrigerant cylinder valve, press confirmation button (BS3). The operation will be stopped. The operation is automatically stopped within 30 minutes.

Check operation method

Make sure to open the gas side and liquid side shutoff valve before starting operation

- The items below will be automatically checked by check operation.
  ♦ Check of miswiring ♦Check of shutoff valve opening ♦Check of refrigerant overcharge ♦Judgement of piping length.
- Make sure to carry out the check operation after the first installation. otherwise, the abnormal code "U3" will be displayed in the remote controller and normal operation can be carried out after 5 minutes.
- For multi system, make sure to confirm setting ・ result indication by master unit.
- The check operation is automatically carried out in a cooling mode. the 7 segment will be indicate as shown in right,and "Test operation" and "under centralized control" will be displayed in the remote controller.
- During the check operation, it is impossible to stop the unit from the remote controller. When discontinue the operation, push the confirmation button(BS3). The system will stop after behind operation for 30 seconds.
- It may takes 5 minutes to bring the state of refrigerant uniform before the compressor starts. Moreover, during the check operation, the refrigerant running sound, the magnetic sound of a solenoid valve may become loud during operation, but these are not malfunctions.
- The abnormality of each indoor unit cannot be checked. After the check operation is finished, check the indoor units individually by normal operation using the remote controller.

7 segment indication



When start When finish

【Operation procedure 】

① To protect the compressor, make sure to turn on the power supply for 6 hour before starting operation.
(After turning on the power supply, the unit cannot start the operation until 7 segment goes off. (Maximum 12 minutes))
② In stop condition, set to Normal mode
③ Push the operation button (BS2) for 5 second or more (Then the unit will start the check operation)
④ Close the front panel.(Otherwise, it may cause a misjudgement.)
⑤ When the checks are completed (unit run for 30~40 min.), the system will stop automatically.
Check the operation results by the outdoor unit 7 segment display(see the table shown below.)

Result	7 Segment display
Normally finished	Light off
Abnormally finished	Abnormal code

Push new page button (BS1) in case taking a wrong operation, the follow procedure since ②again

【Countermeasure for abnormal finish】

① Confirm the abnormal code by the remote controller and 7 segment display, and correct the abnormality.
(For how to correct abnormality and correction method, see the installation manual ・ Operation manual ・ Service manual.)
② After correcting the abnormality, push the confirmation button (BS3) and reset the abnormal code.
③ Carry out the check operation again and confirm that the abnormality is properly corrected.

Service mode operation method

- After turning on the power supply, the unit cannot start until the 7 segment indication goes off for maximum 12 minutes.
- Do not shut off the power and do not reset the SETTING MODE when evacuating or recovering the refrigerant.(The expansion valves will close and the system cannot be evacuated or recovered the refrigerant.)

[**Evaluation method**] (At the first installation this evacuation is not required. It is only required for service.)

① When the unit is in stopping condition and under the SETTING MODE set the Ⓑ refrigerant recovery/evacuation mode.(※)
② Evacuate the system with a vaccum pump.
③ Push confirmation button (BS3) after finish evacuation and reset the evacuation mode.
④ Push new page button (BS1) and reset SETTING MODE

[Refrigerant recovery operation method] (Make sure to use a refrigerant reclaim)

① When the unit is at stand still and under the SETTING MODE set the Ⓑ refrigerant recovery/Evacuation mode to ON.
② Recovery the refrigerant by a refrigerant reclaim.(For details, see the installation manual)
③ After completed, push the confirmation button (BS3) and reset the refrigerant recovery mode.
④ Push new page button (BS1)and reset SETTING MODE

(※) The expansion valves in the indoor and outdoor units will be opened completely, 7 segment display will be changed as shown below and "Test operation "and"Under centralized control" will be displayed in the remote controller. The operation will be rejected.

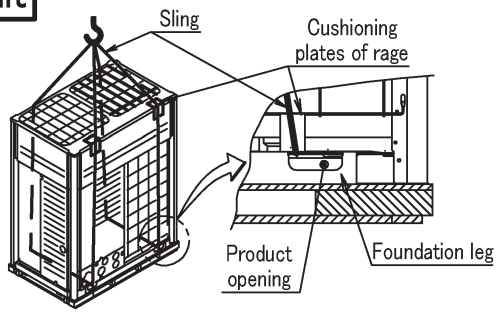
7 Segment display E 0 1

R410A

To those who install or move the unit

1. When lifting the unit

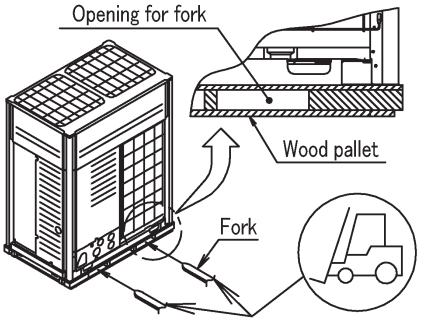
- To hang the unit, use 2 slings of at least 8 m long, Put the slings into the product openings of foundation legs.
- Put cushioning plates of rags where the slings contact the casing in order to prevent the casing from being damaged.



2. When carrying the unit by forklift

Prohibition	Do not put the fork into the product openings of foundation legs. ※ Product could get damaged due to put fork into product openings of foundation legs.

- If a forklift is used for carrying the unit, Put the fork into wood pallet openings by let the tip out of the opposite side sufficiently.



3. Electrical work

- To prevent electric shock and fire accident, be sure to perform grouding and install an earth leak breaker. To perform grouding and install an earth leak breaker, be sure electrical work must be carried out by a licensed electrician.
- To confirm the insulation of main power supply circuit before open shutoff valve. If shutoff valve remains open without charge power supply, insulation resistance may decline due to refrigerant is accumulated in compressor.

To those who carry out service and maintenance

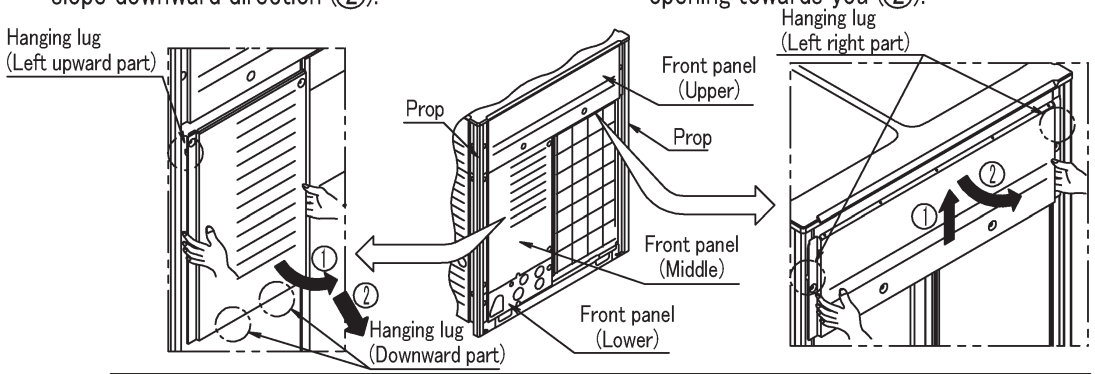
WARNING Caution to electric shock	● Beware the fan running when inspect. ● Do not touch the charged part when inspect.

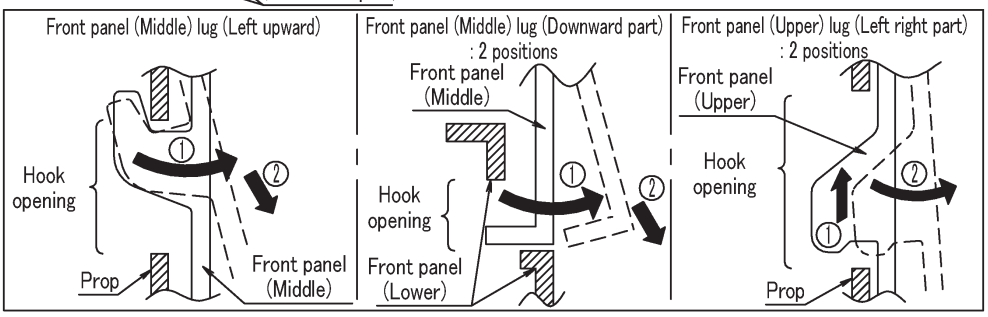
〈Front panel (Middle) remove method〉

● Pull front panel (down) and a prop out of left upward part and hanging lug downward part towards you (①), Then slide in a slope downward direction (②).

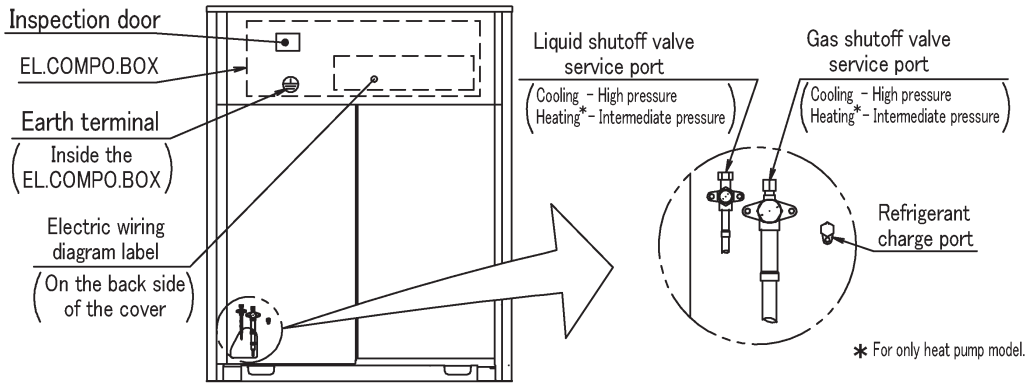
〈Front panel (Upper) remove method〉

● Lift the panel a little (①), remove left right hanging lug by raise panel from hook opening towards you (②).





● For the location of the EL.COMPO.BOX and the service part, see as shown below.



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4. Appendix

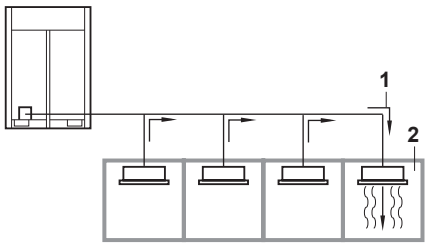
1. Caution for Refrigerant Leaks

1.1 Introduction

The installer and system specialist shall secure safety against leakage according to local regulations or standards. The following standards may be applicable if local regulations are not available.
This system uses R410A as refrigerant. R410A itself is an entirely safe non-toxic, non-combustible refrigerant. Nevertheless care must be taken to ensure that air conditioning facilities are installed in a room which is sufficiently large. This assures that the maximum concentration level of refrigerant gas is not exceeded, in the unlikely event of major leak in the system and this in accordance to the local applicable regulations and standards.

1.2 Maximum Concentration Level

The maximum charge of refrigerant and the calculation of the maximum concentration of refrigerant is directly related to the humanly occupied space in to which it could leak.
The unit of measurement of the concentration is kg/m^3 (the weight in kg of the refrigerant gas in 1m^3 volume of the occupied space).
Compliance to the local applicable regulations and standards for the maximum allowable concentration level is required.



1 Direction of the refrigerant flow
2 Room where refrigerant leak has occurred (outflow of all the refrigerant from the system)

Pay special attention to places, such as basements etc., where refrigerant can stay, since refrigerant is heavier than air.

1.3 Procedure for Checking Maximum Concentration

Check the maximum concentration level in accordance with steps 1 to 4 below and take whatever action is necessary to comply.

1 Calculate the amount of refrigerant (kg) charged to each system separately.

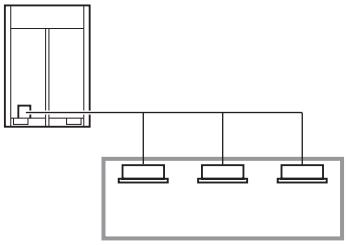
Amount of refrigerant in a single unit system (amount of refrigerant with which the system is charged before leaving the factory) + Additional charging amount (amount of refrigerant added locally in accordance with the length or diameter of the refrigerant piping) = Total amount of refrigerant (kg) in the system

NOTICE

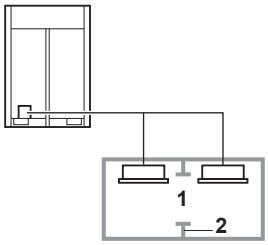
Where a single refrigerant facility is divided into 2 entirely independent refrigerant systems, use the amount of refrigerant with which each separate system is charged.

2 Calculate the volume of the room (m^3) where the indoor unit is installed.
In a case such as the following, calculate the volume of (A), (B) as a single room or as the smallest room.

A Where there are no smaller room divisions:



B Where there is a room division, but there is an opening between the rooms sufficiently large to permit a free flow of air back and forth.



1 Opening between the rooms
2 Partition
(Where there is an opening without a door or where there are openings above and below the door which are each equivalent in size to 0.15% or more of the floor area.)

3 Calculating the refrigerant density using the results of the calculations in steps 1 and 2 above.

$$\frac{\text{Total volume of refrigerant in the refrigerant system}}{\text{Size } (m^3) \text{ of smallest room in which there is an indoor unit installed}} \leq \text{Maximum concentration level } (kg/m^3)$$

If the result of the above calculation exceeds the maximum concentration level, a ventilation opening to the adjacent room shall be made.

4 After opening to the adjacent room are mode, re-calculate.
If result of calculation exceeds the maximum concentration level. Room re-modified are required, please contact your dealer.

Warning

- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the user's manual carefully before using this product. The user's manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.