



EDUS 391006 - R2

R-410A

Engineering Data



REYQ-P(B)
3 phase
208/230V, 60Hz

DAIKIN AC (AMERICAS), INC.

REYQ-P

Heat Recovery

3 phase

208/230V, 60Hz

1. Specifications	2
2. Dimensions	6
3. Service Space	10
4. Piping Diagrams.....	11
5. Wiring Diagrams.....	15
6. Field Wiring	19
7. Electric Characteristics.....	22
8. Capacity Tables (Reference Data).....	25
8.1 Cooling Capacity (REYQ-P)	25
8.2 Heating Capacity (REYQ-P).....	37
8.3 Capacity Correction Factor.....	49
9. Operation Limits	55
10.Low Ambient Cooling Enhancement	56
11.Accessories.....	57

1. Specifications

Model Name			REYQ72PTJU	REYQ96PTJU	REYQ120PTJU	REYQ144PBTJ
Power Supply			3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz
★1 Cooling Capacity	Nominal	Btu / h	72,000	96,000	120,000	144,000
	Rated		69,000	92,000	114,000	138,000
★2 Heating Capacity	Nominal	Btu / h	81,000	108,000	135,000	162,000
	Rated		77,000	103,000	129,000	154,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		in. (mm)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x 765)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x 765)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x 765)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x 765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m ³ /h	7.88+10.53	13.34+10.53	13.34+10.53	16.90+16.90
	Number of Revolutions	r/min	3720, 2900	6300, 2900	6300, 2900	7980, 7980
	Motor OutputxNumber of Units	kW	(1.0+4.5) x 1	(2.2+4.5) x 1	(3.3+4.5) x 1	(3.8+3.8) x 1
	Starting Method		Soft Start	Soft Start	Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.35) x 2	(0.35) x 2	(0.35) x 2	(0.75) x 2
	Airflow Rate	cfm	6,700	6,700	7,410	8,300
	Drive		Direct Drive	Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ3/8 (9.5) C1220T (Flare Connection)	φ3/8 (9.5) C1220T (Flare Connection)	φ1/2 (12.7) C1220T (Flare Connection)	φ1/2 (12.7) C1220T (Flare Connection)
	Suction Gas Pipe	in. (mm)	φ3/4 (19.1) C1220T (Brazing Connection)	φ7/8 C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6)C1220T (Brazing Connection)
	High and Low Pressure Gas Pipe	in. (mm)	φ5/8 (15.8) C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)	φ3/4 (19.1)C1220T (Brazing Connection)	φ7/8 C1220T (Brazing Connection)
Mass		Lbs (kg)	730 (331)	730 (331)	730 (331)	747 (339)
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector
Defrost Method			Deicer	Deicer	Deicer	Deicer
Capacity Control		%	20~100	14~100	14~100	10~100
Refrigerant	Refrigerant Name		R-410A	R-410A	R-410A	R-410A
	Charge	Lbs (kg)	22.7 (331)	23.4 (10.6)	23.8 (10.8)	24.5 (11.1)
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D070742	C: 4D070744	C: 4D070745	C: 4D070749

Notes:

- ★1 Indoor temp. : 80°FDB(27°CDB), 67°FWB(19.4°CWB) / outdoor temp. : 95°FDB (35°CDB) / Equivalent piping length : 25ft (7.5 m), level difference : 0 ft.
- ★2 Indoor temp. : 70°FDB(21°CDB) / outdoor temp. : 47°FDB, 43°FWB (8.3° CDB, 6° CWB) / Equivalent piping length : 25ft (7.5 m), difference : 0 ft.

Model Name (Combination Unit)			REYQ168PBTJ	REYQ192PBTJ	REYQ216PBTJ
Model Name (Independent Unit)			REMQR72PBTJ REMQR96PBTJ	REMQR96PBTJ REMQR96PBTJ	REMQR96PBTJ REMQR120PBTJ
Power Supply			3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz
★1 Cooling Capacity	Nominal	Btu / h	168,000	192,000	216,000
	Rated		160,000	184,000	206,000
★2 Heating Capacity	Nominal	Btu / h	188,000	216,000	243,000
	Rated		180,000	206,000	231,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)		in	66-1/8 x 36-5/8 x 30-1/8 + 66-1/8 x 36-5/8 x 30-1/8 (1680 x 930 x 765 + 1680 x 930 x 765)	66-1/8 x 36-5/8 x 30-1/8 + 66-1/8 x 36-5/8 x 30-1/8 (1680 x 930 x 765 + 1680 x 930 x 765)	66-1/8 x 36-5/8 x 30-1/8 + 66-1/8 x 36-5/8 x 30-1/8 (1680 x 930 x 765 + 1680 x 930 x 765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m ³ /h	16.90 + (10.53+13.34)	(10.53+13.34) × 2	(10.53+13.34) × 2
	Number of Revolutions	r/min	7980, (2900, 6300)	(2900, 6300) × 2	(2900, 6300) × 2
	Motor Output×Number of Units	kW	(4.7) × 1 + (2.2+4.5) × 1	(2.2+4.5) × 2	(2.2+4.5) × 1 + (3.5+4.5) × 1
	Starting Method		Soft Start	Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1
	Airflow Rate	cfm	6,350+6,530	6,530+6,530	6,530 + 7,060
	Drive		Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ5/8(15.8) C1220T (Brazing Connection)	φ5/8(15.8) C1220T (Brazing Connection)	φ5/8(15.8) C1220T (Brazing Connection)
	Suction Gas Pipe	in. (mm)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)
	High and Low Pressure Gas Pipe	in. (mm)	φ7/8 (22.2) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)
	Pressure Equalizer Tube	in. (mm)	φ3/4 (19.1) C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)
Mass	Lbs (kg)	450 + 560 (204 + 254)	560 + 560 (254 + 254)	560 + 560 (254 + 254)	
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector
Defrost Method			Deicer	Deicer	Deicer
Capacity Control		%	9~100	7~100	7~100
Refrigerant	Refrigerant Name		R-410A	R-410A	R-410A
	Charge	Lbs (kg)	18.1+19.8 (8.2 + 9)	19.8 + 19.8 (9 + 9)	19.8+20.1 (9 + 9.1)
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D070892	C: 4D070893	C: 4D070894

Notes:

★1 Indoor temp. : 80°FDB(27°CDB), 67°FWB(19.4°CWB) / outdoor temp. : 95°FDB (35°CDB) / Equivalent piping length : 25ft (7.5 m), level difference : 0 ft.

★2 Indoor temp. : 70°FDB(21°CDB) / outdoor temp. : 47°FDB, 43°FWB (8.3°CDB, 6°CWB) / Equivalent piping length : 25ft (7.5 m), difference : 0 ft.

Model Name (Combination Unit)			REYQ240PBTJ	REYQ264PBTJ	REYQ288PBTJ
Model Name (Independent Unit)			REMQR120PBTJ REMQR120PBTJ	REMQR72PBTJ REMQR96PBTJ REMQR96PBTJ	REMQR72PBTJ REMQR96PBTJ REMQR120PBTJ
Power Supply			3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz
★1 Cooling Capacity	Nominal	Btu / h	240,000	264,000	288,000
	Rated		240,000	251,000	274,000
★2 Heating Capacity	Nominal	Btu / h	270,000	297,000	324,000
	Rated		257,000	283,000	308,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		in. (mm)	66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 (1680 × 930 × 765 + 1680 × 930 × 765)	66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 (1680 × 930 × 765 + 1680 × 930 × 765 + 1680 × 930 × 765)	66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 (1680 × 930 × 765 + 1680 × 930 × 765 + 1680 × 930 × 765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m ³ /h	(10.53+13.34) × 2	16.90 + (10.53+13.34) × 2	16.90 + (10.53+13.34) × 2
	Number of Revolutions	r/min	(2900, 6300) × 2	7980, (2900, 6300) × 2	7980, (2900, 6300) × 2
	Motor Output×Number of Units	kW	(3.5+4.5) × 2	(4.7) × 1 + (2.2+4.5) × 2	(4.7) × 1 + (2.2+4.5) × 1 + (3.5+4.5) × 1
Starting Method			Soft Start	Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1 + (0.75) × 1
	Airflow Rate	cfm	7,060+7,060	6,350+6,530+6,530	6,350+6,530+7,060
	Drive			Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ5/8 (15.8) C1220T (Brazing Connection)	φ3/4 (19.1)C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)
	Suction Gas Pipe	in. (mm)	φ1-3/8 (35)C1220T (Brazing Connection)	φ1-3/8 (35)C1220T (Brazing Connection)	φ1-3/8 (35)C1220T (Brazing Connection)
	High and Low Pressure Gas Pipe	in. (mm)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)
	Pressure Equalizer Tube	in. (mm)	φ3/4 (19.1) C1220T (Brazing Connection)	φ3/4 (19.1)C1220T (Brazing Connection)	φ3/4 (19.1)C1220T (Brazing Connection)
Mass		Lbs (kg)	560 + 560 (254 + 254)	450+560+560 (204 + 254 + 254)	450+560+560 (204 + 254 + 254)
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector
Defrost Method			Deicer	Deicer	Deicer
Capacity Control		%	6-100	6-100	5-100
Refrigerant	Refrigerant Name		R-410A	R-410A	R-410A
	Charge	Lbs (kg)	20.1 + 20.1 (9.1 + 9.1)	18.1+19.8+19.8 (8.2 + 9 + 9)	18.1 + 19.8 + 20.1 (8.2 + 9 + 9.1)
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D070895	C: 4D070898	C: 4D070899

Notes:

- ★1 Indoor temp. : 80°FDB(27°CDB), 67°FWB(19.4°CWB) / outdoor temp. : 95°FDB (35°CDB) / Equivalent piping length : 25ft (7.5 m), level difference : 0 ft.
- ★2 Indoor temp. : 70°FDB(21°CDB) / outdoor temp. : 47°FDB, 43°FWB (8.3° CDB, 6° CWB) / Equivalent piping length : 25ft (7.5 m), difference : 0 ft.

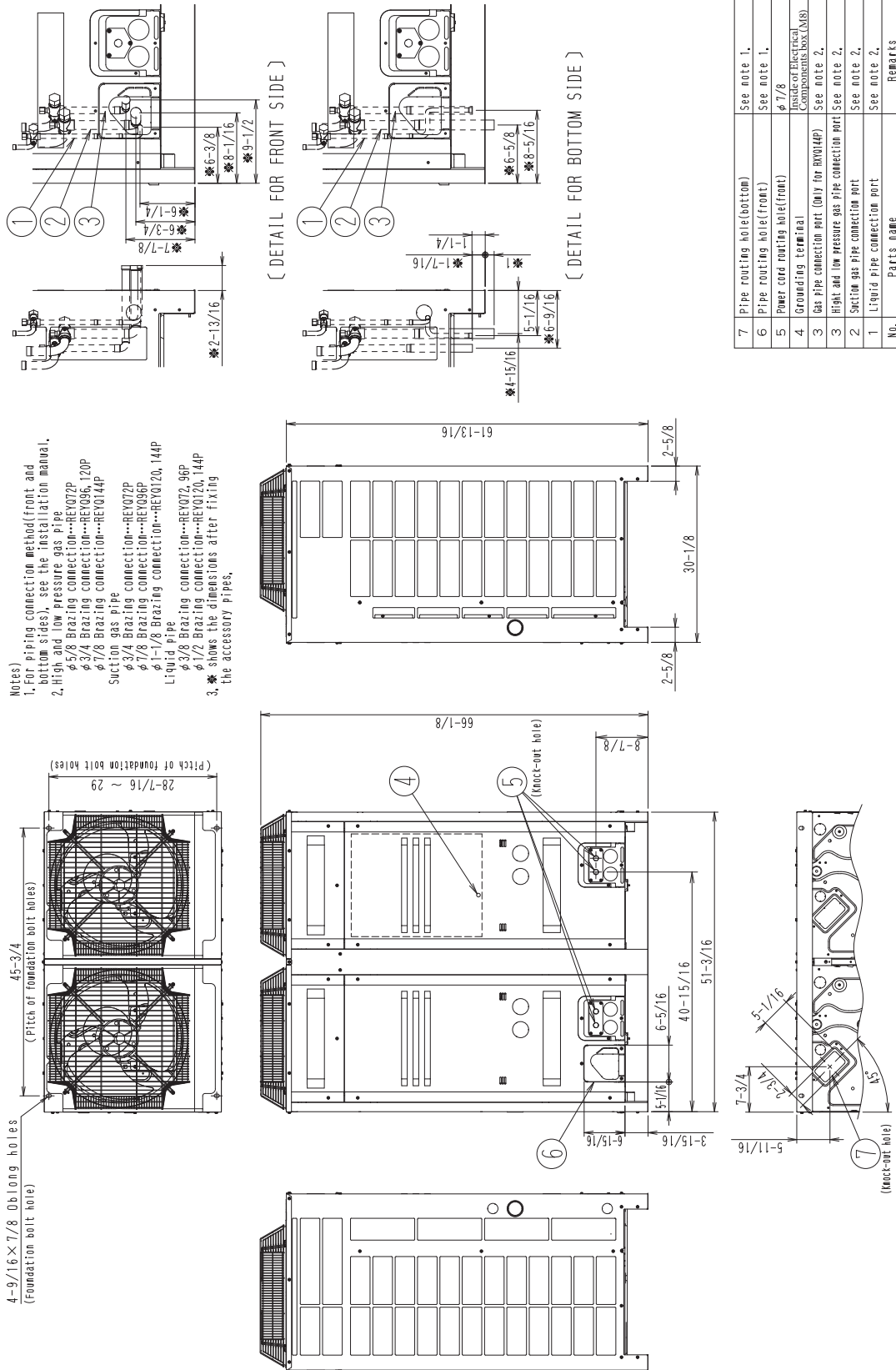
Model Name (Combination Unit)			REYQ312PBTJ	REYQ336PBTJ
Model Name (Independent Unit)			REMQ96PBTJ REMQ96PBTJ REMQ120PBTJ	REMQ96PBTJ REMQ120PBTJ REMQ120PBTJ
Power Supply			3 phase, 208/230V, 60Hz	3 phase, 208/230V, 60Hz
★1 Cooling Capacity	Nominal	Btu / h	312,000	336,000
	Rated		297,000	320,000
★2 Heating Capacity	Nominal	Btu / h	351,000	378,000
	Rated		334,000	360,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		in. (mm)	66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 (1680 × 930 × 765 + 1680 × 930 × 765) + 1680 × 930 × 765)	66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 + 66-1/8 × 36-5/8 × 30-1/8 (1680 × 930 × 765 + 1680 × 930 × 765) + 1680 × 930 × 765)
Heat Exchanger			Cross Fin Coil	Cross Fin Coil
Comp.	Type		Hermetically Sealed Scroll Type	Hermetically Sealed Scroll Type
	Displacement	m ³ /h	(10.53+13.34) × 3	(10.53+13.34) × 3
	Number of Revolutions	r/min	(2900, 6300) × 3	(2900, 6300) × 3
	Motor Output×Number of Units	kW	(2.2+4.5) × 2 + (3.5+4.5) × 1	(2.2+4.5) × 1 + (3.5+4.5) × 2
	Starting Method		Soft Start	Soft Start
Fan	Type		Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75) × 1 + (0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1 + (0.75) × 1
	Airflow Rate	cfm	6,530+6,530+7,060	6,530+7,060+7,060
	Drive		Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ3/4 (19.1) C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)
	Suction Gas Pipe	in. (mm)	φ1-3/8 (35) C1220T (Brazing Connection)	φ1-3/8 (35) C1220T (Brazing Connection)
	High and Low Pressure Gas Pipe	in. (mm)	φ1-1/8 (28.6) C1220T (Brazing Connection)	φ1-1/8 (28.6) C1220T (Brazing Connection)
	Pressure Equalizer Tube	in. (mm)	φ3/4 C1220T (Brazing Connection)	φ3/4 (19.1) C1220T (Brazing Connection)
Mass		Lbs (kg)	560+560+560 (254+254+254)	560+560+560 (254+254+254)
Safety Devices			High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector
Defrost Method			Deicer	Deicer
Capacity Control		%	5-100	4-100
Refrigerant	Refrigerant Name		R-410A	R-410A
	Charge	Lbs (kg)	19.8 + 19.8 + 20.1 (9 + 9 + 9.1)	19.8 + 20.1 + 20.1 (9 + 9.1 + 9.1)
	Control		Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			C: 4D070900	C: 4D070901

Notes:

- ★1 Indoor temp. : 80°FDB(27°CDB), 67°FWB(19.4°CWB) / outdoor temp. : 95°FDB (35°CDB) / Equivalent piping length : 25ft (7.5 m), level difference : 0 ft.
★2 Indoor temp. : 70°FDB(21°CDB) / outdoor temp. : 47°FDB, 43°FWB (8.3°CDB, 6°CWB) / Equivalent piping length : 25ft (7.5 m), difference : 0 ft.

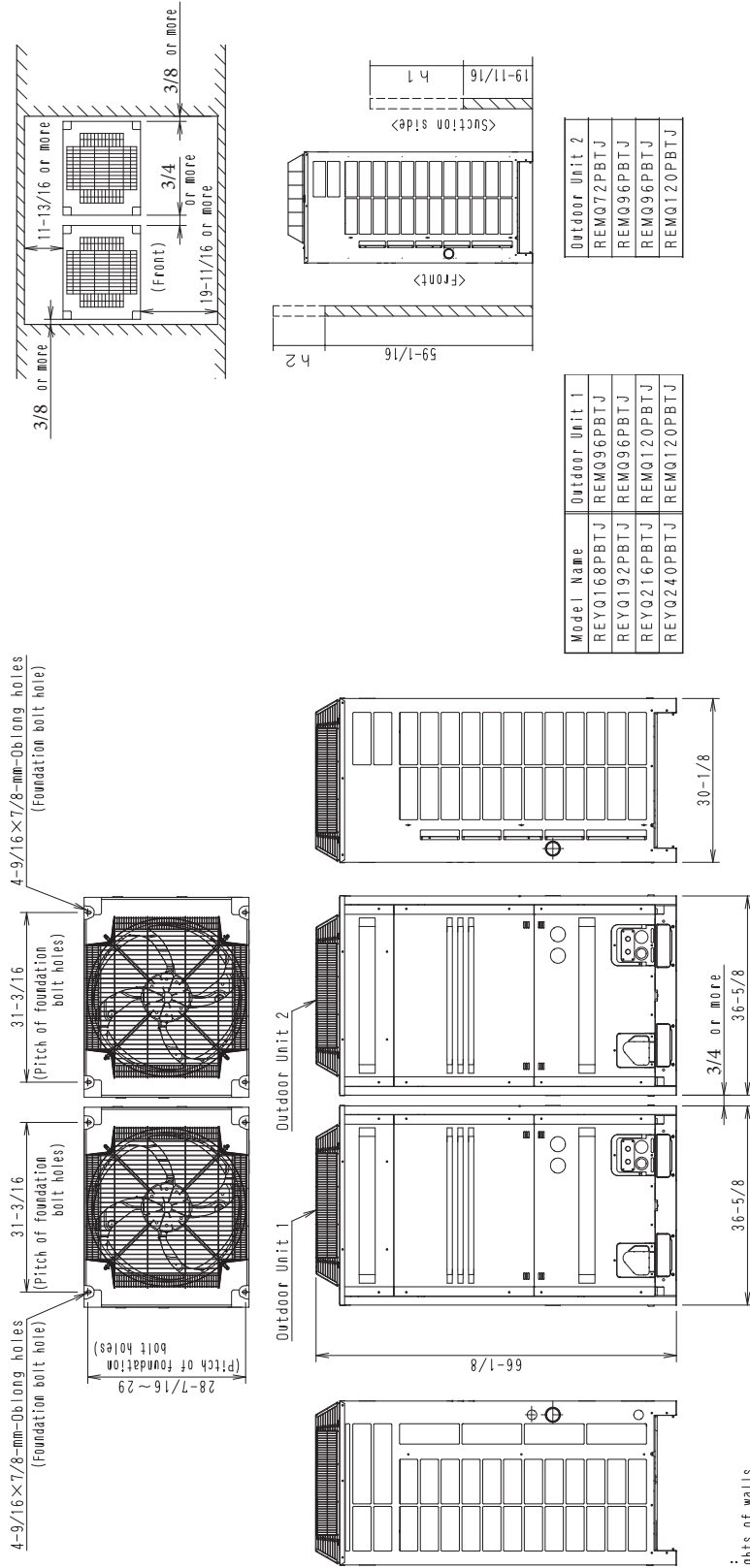
2. Dimensions

REYQ72PTJU / REYQ96PTJU / REYQ120PTJU / REYQ144PBTJ



C: 3D058618D

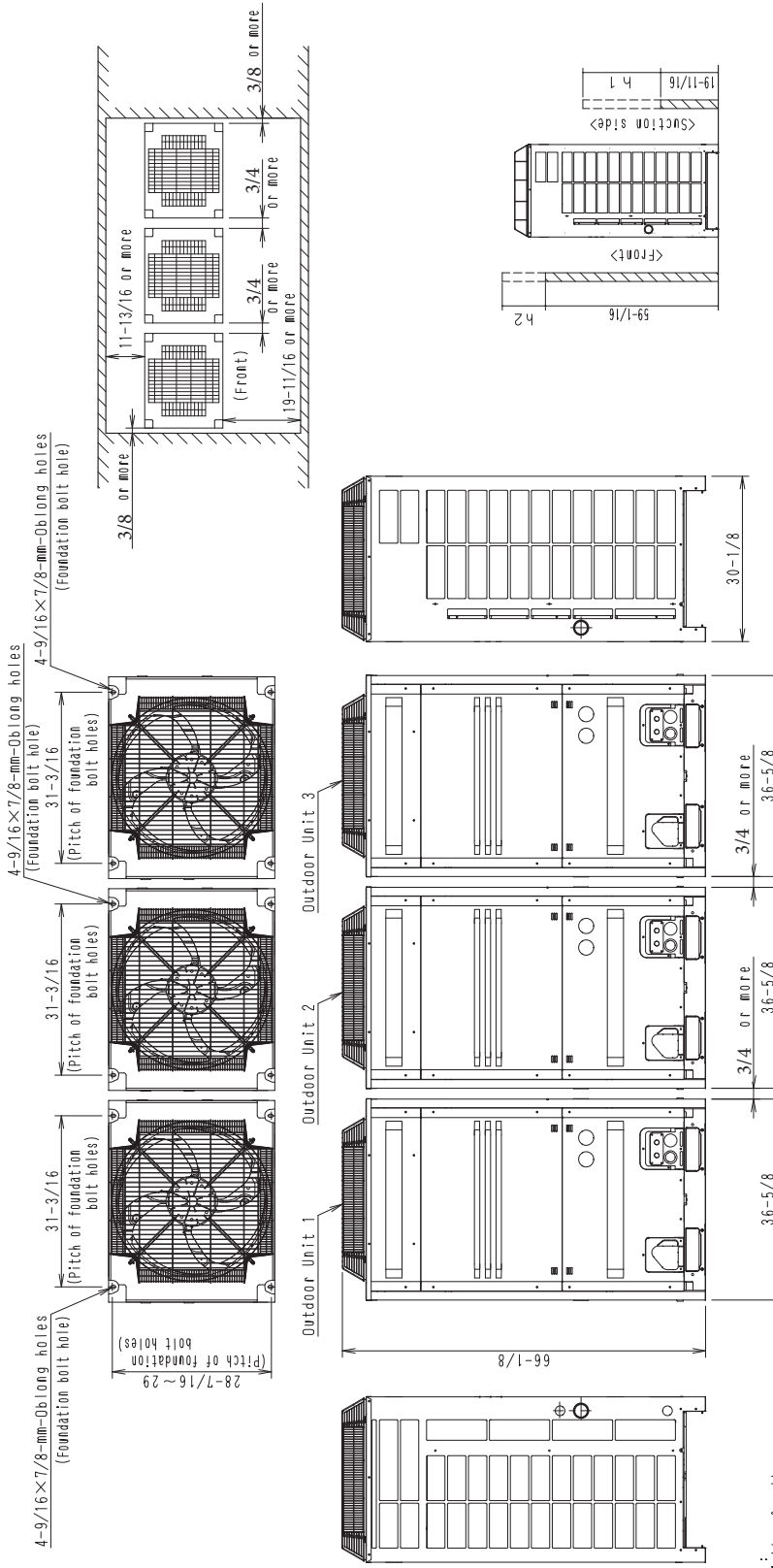
REYQ168PBTJ / REYQ192PBTJ / REYQ216PBTJ / REYQ240PBTJ



- Notes :
1. Heights of walls
 Front : 59-1/16in
 Suction side : 19-11/16in
 Side : Height unrestricted
 The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 35°F.
 • Design outdoor temperature becomes over 35°F, the installation space of suction side shown above must be expanded in the following case.
 • If heating over load, operating load, or causing a heavy heating load at indoor unit side) front and suction side service spaces respectively as shown in the following figure.
 • When installing the units, the most appropriate pattern should be selected from those in Section 3 and added in the best fit when the need leave enough space for a person to pass between units and the wall, and for the air to circulate freely.
 NOTE: If more units are to be installed than are shown in the above patterns, your layout should take into account the possibility of short circuiting.
 4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

C: 3D070788

REYQ264PBTJ / REYQ288PBTJ / REYQ312PBTJ / REYQ336PBTJ



Outdoor Unit 3
REYQ264PBTJ
REYQ288PBTJ
REYQ312PBTJ
REYQ336PBTJ

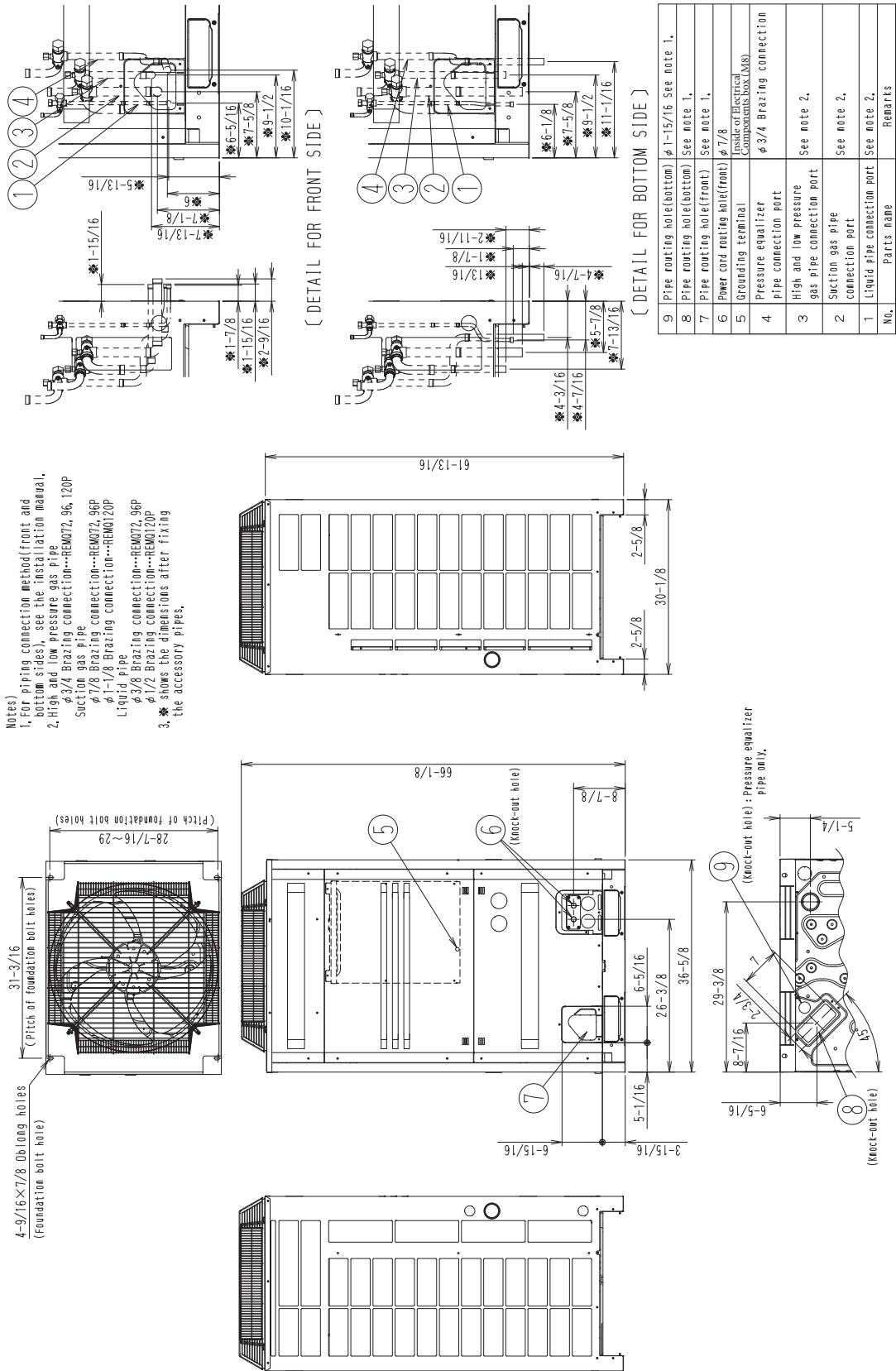
Outdoor Unit 2
REYQ36PBTJ
REYQ96PBTJ
REYQ36PBTJ
REYQ120PBTJ

Outdoor Unit 1
REYQ264PBTJ
REYQ288PBTJ
REYQ312PBTJ
REYQ336PBTJ
REYQ120PBTJ
REYQ120PBTJ

Notes:
 1. Heights of walls:
 Front: 59-7/16in
 Suction side: 19-11/16in
 Suction side: unrestricted
 2. The height of the installation site is restricted.
 The installation site temperature is 95°F.
 The installation space of suction side shown in this figure is based on the condition of cooling operation at the outdoor unit side.
 The installation space of suction side shown above must be expanded in the following case.
 • Operation over Max. operating load (in case of causing a heavy heating load at indoor unit side)
 • Operation over Max. operating load (in case of causing a heavy heating load at indoor unit side)
 3. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the following figure.
 4. In order to obtain the best fit in the space available, bearing in mind the need to leave enough space for a person to pass between units and the wall, and for the air to circulate freely.
 NOTE: If more units are to be installed than are shown in the above patterns, your layout should take into account the possibility of short circuiting.
 5. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

C:3D070858

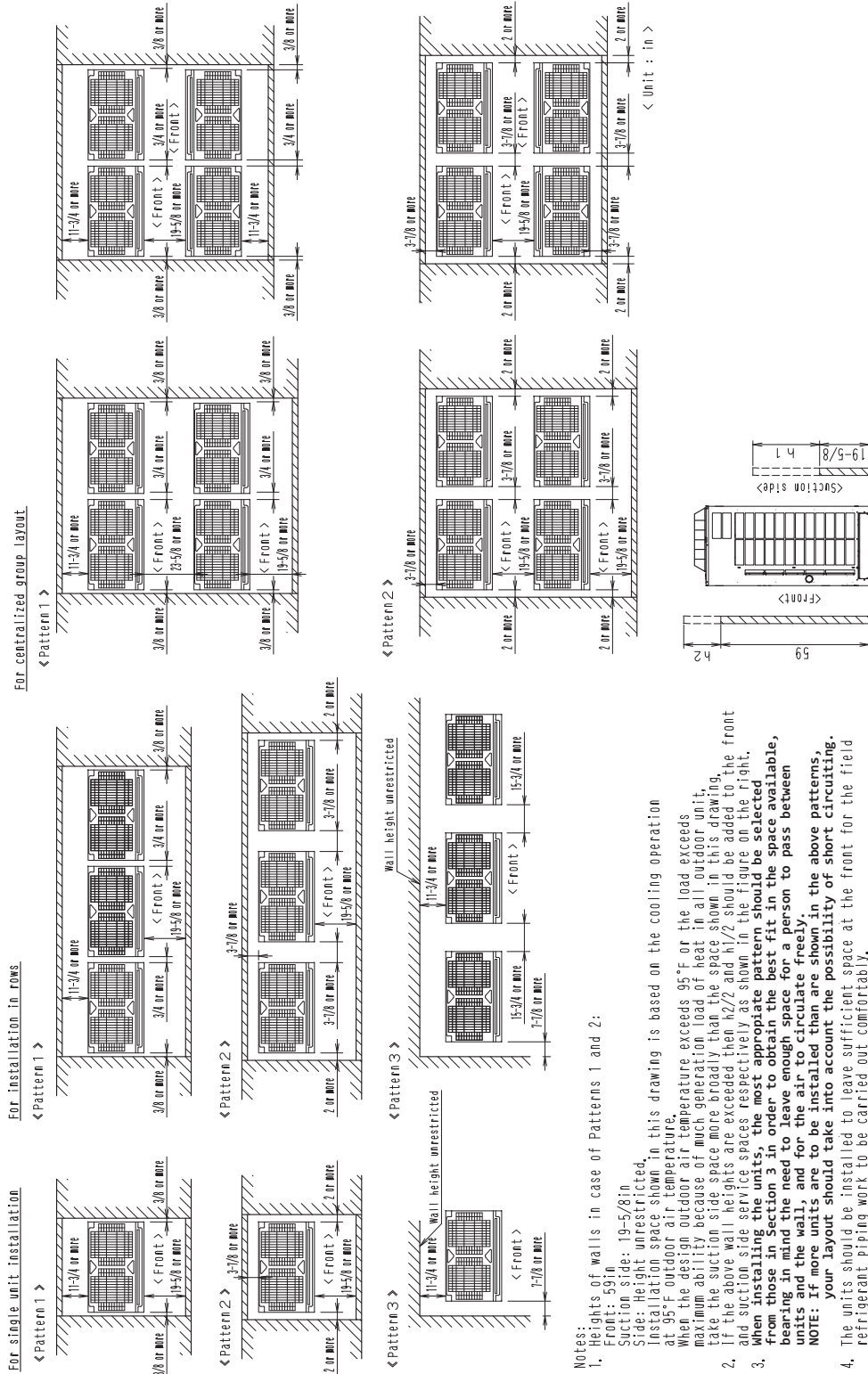
REM72PBTJ / REM96PBTJ / REM120PBTJ



3D058617C

3. Service Space

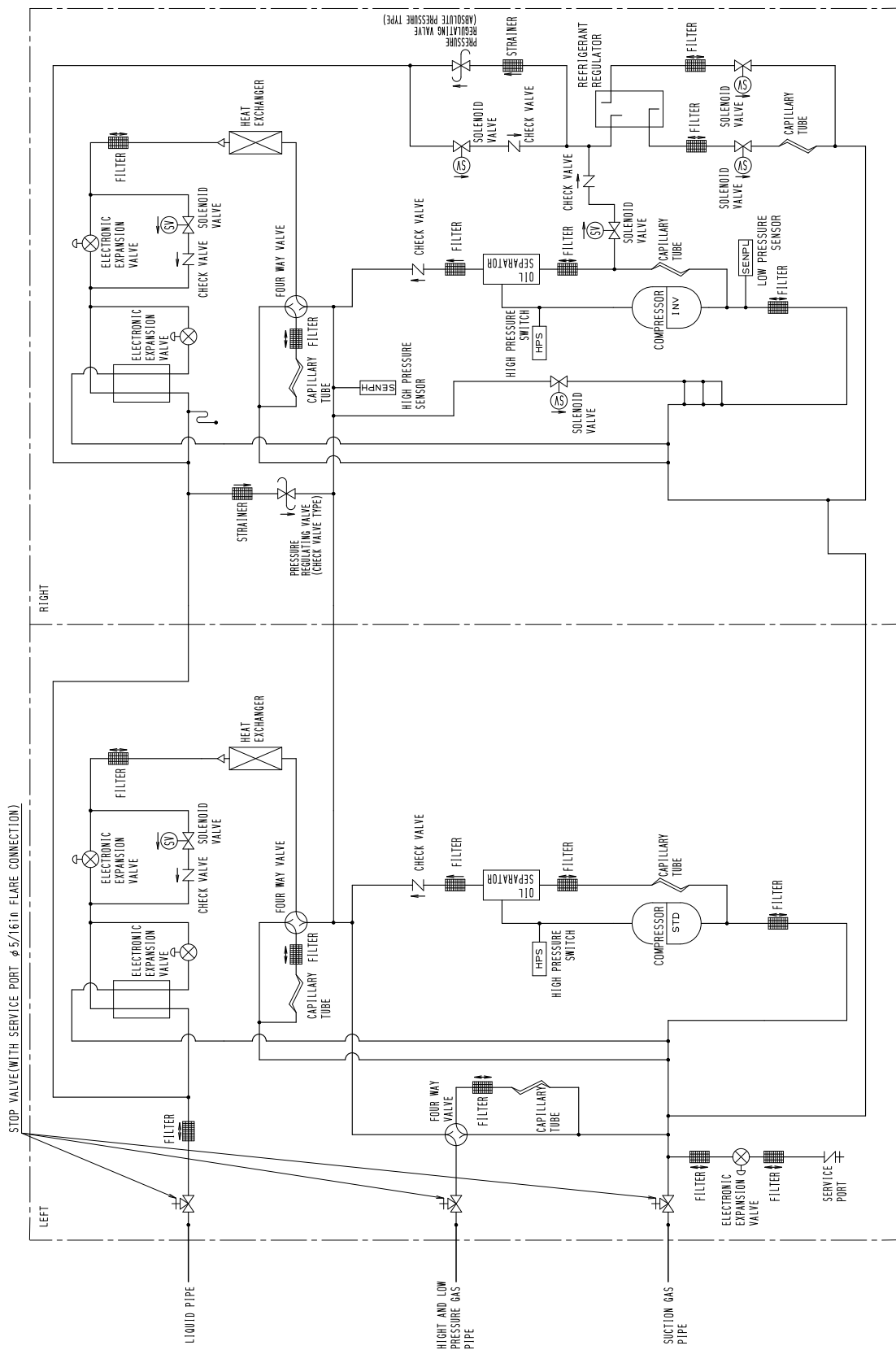
REYQ72PTJU / REYQ96PTJU / REYQ120PTJU / REYQ144PBTJ / REYQ168PBTJ / REYQ192PBTJ / REYQ216PBTJ / REYQ240PBTJ / REYQ264PBTJ / REYQ288PBTJ / REYQ312PBTJ / REYQ336PBTJ



©2014 Daikin Industries, Ltd.

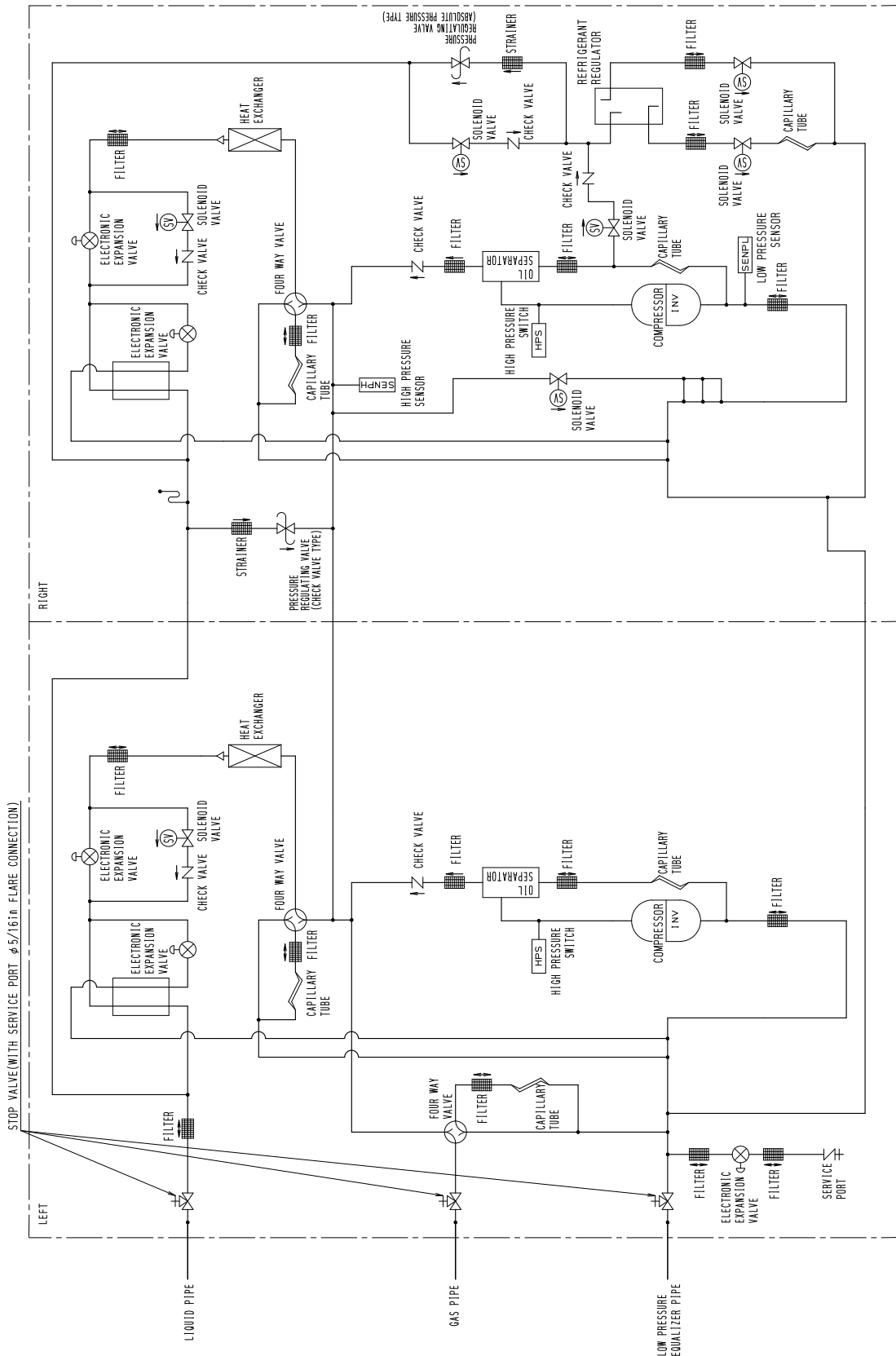
4. Piping Diagrams

REYQ72PTJU / REYQ96PTJU / REYQ120PTJU



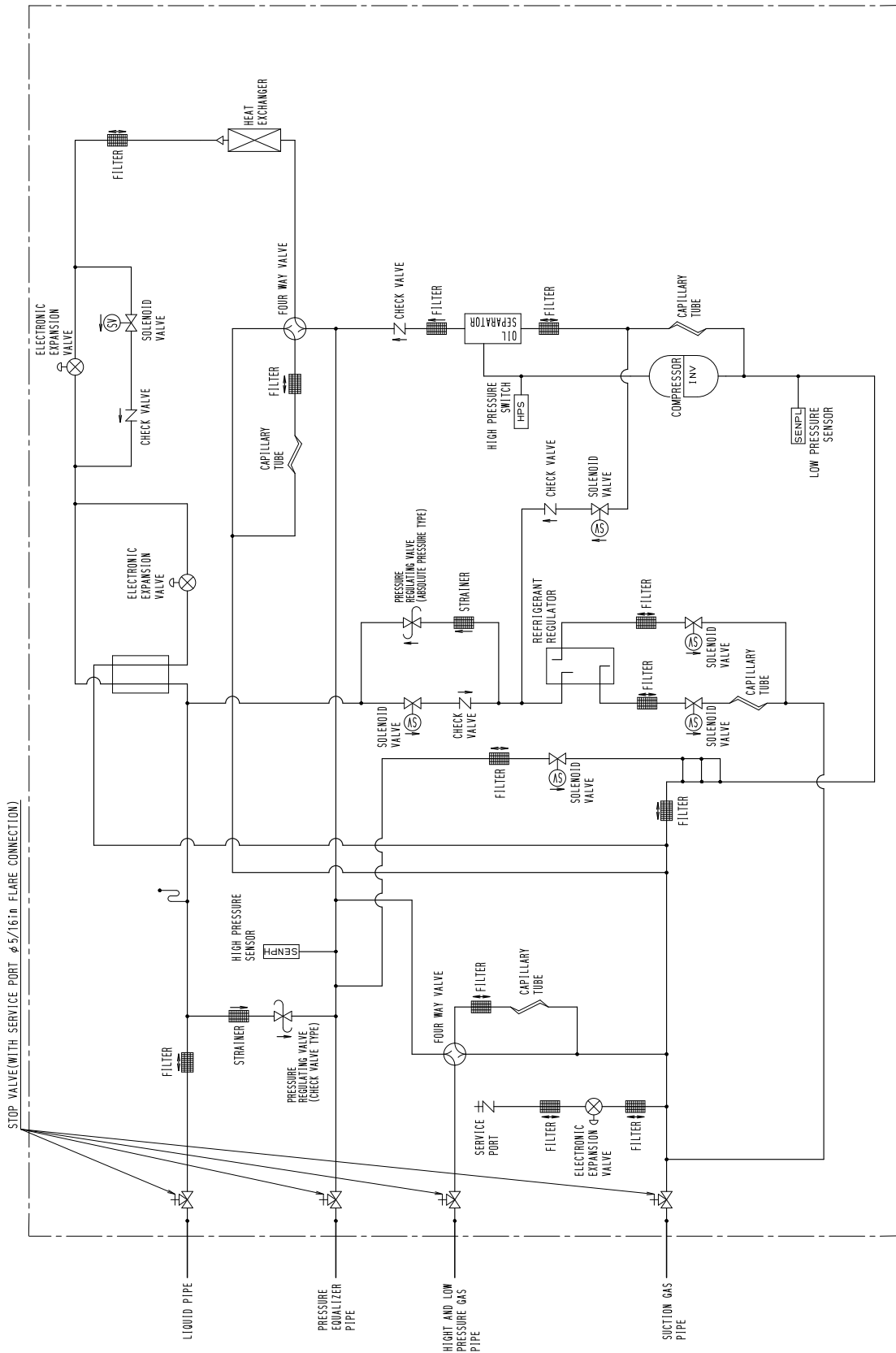
3D058639C

REYQ144PBTJ



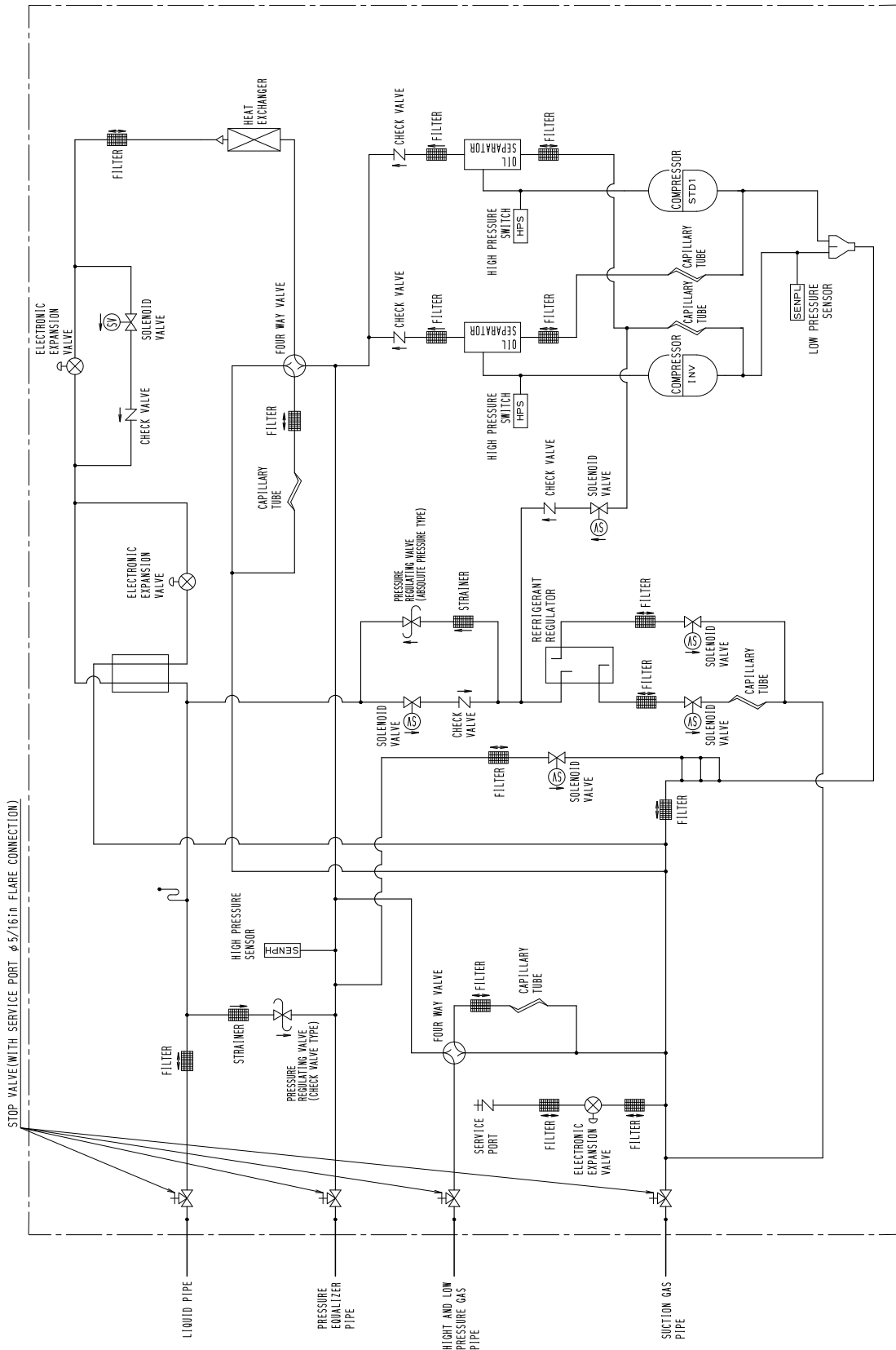
3D058640A

REM72PBTJ



3D058637C

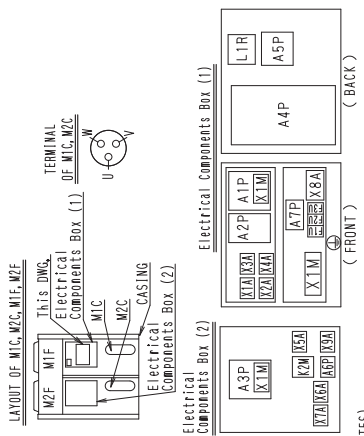
REM96PBTJ / REMQ120PBTJ



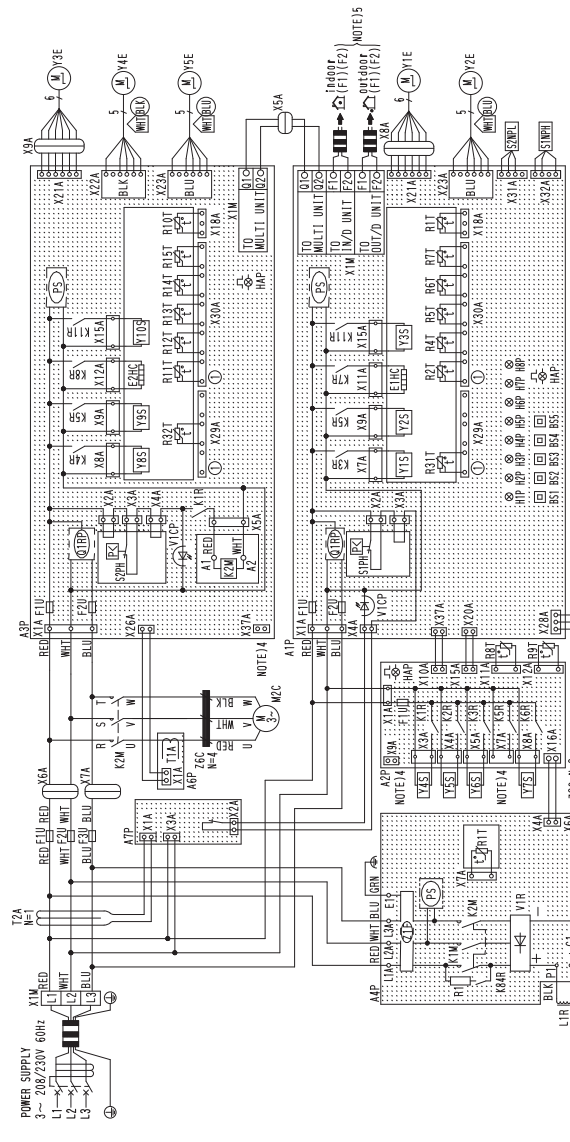
3D058638C

5. Wiring Diagrams

REYQ72PTJU / REYQ96PTJU/ REYQ120PTJU

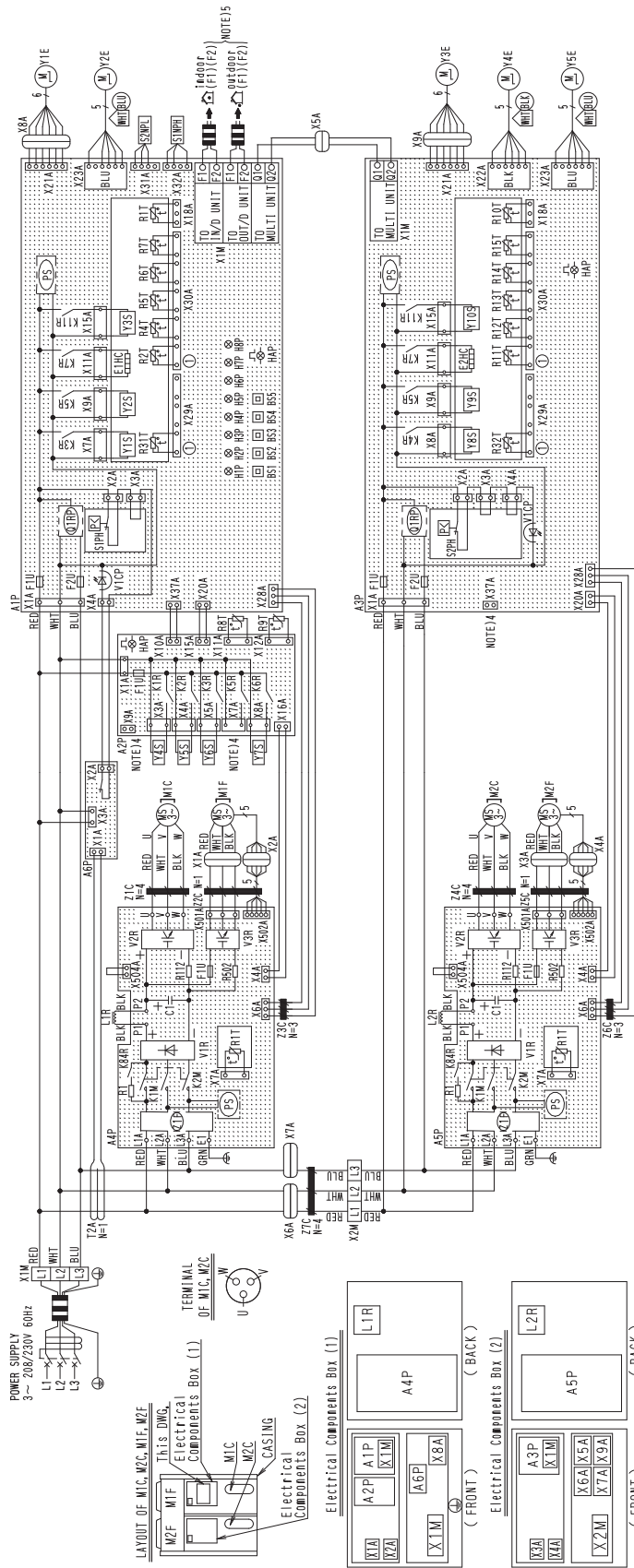


- NOTES)
- THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
 - FIELD WIRING.
 - TERMINAL STRIP: CONNECTOR → TERMINAL. PROTECTIVE GROUND (SCREW) → NO USELESS GROUND.
 - WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
 - FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION OUTDOOR-MULTI TRANSMISSION 01 • 02, REFER TO THE INSTALLATION MANUAL.
 - HOW TO USE BS1~5. REFER TO "SERVICE PRECAUTION" LABEL ON ELECTRICAL COMPONENTS BOX LID.
 - WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICES (S1, 2PH).
 - SYMBOLS INDICATE CONNECTIONS FOR EACH PARTS AS SHOWN BELOW.
 - IS CONNECTOR COLOR FOR COMPONENT BOARD.
 - IS IDENTIFICATION COLOR FOR COMPONENT LEAD WIRE.
 - COLORS: BLK:BLACK, RED:RED, BLU:BLUE, WHI:WHITE, GRN:GREEN.



A1P	PRINTED CIRCUIT BOARD (MAIN)	X1M	MAGNETIC RELAY (AP)	R12T	THERMISTOR (HEAT EXC. BEFER 2) (AP)	X1AE	ELECTROMOTOR EXPANSION VALVE (CHARGE) (AP)
A2P	PRINTED CIRCUIT BOARD (SUB)	X2M	MAGNETIC RELAY (MFC)	R13T	THERMISTOR (COOL. HEAT EXC. GAS 2) (AP)	X15E	ELECTROMOTOR EXPANSION VALVE (CIRCUIT 2) (AP)
A3P	PRINTED CIRCUIT BOARD (WV)	X3M	MAGNETIC RELAY (WV)	Q1TP	PHASE REVERSAL DETECT CIRCUIT (AP)	X15F	ELECTROMOTOR EXPANSION VALVE (AP)
A4P	PRINTED CIRCUIT BOARD (LV)	X4M	MAGNETIC RELAY (LV)	R1	RESISTOR (CURRENT LIMITING) (AP)	R15T	SOLENOID VALVE (WV) (AP)
A5P	PRINTED CIRCUIT BOARD (EV)	X5M	MAGNETIC RELAY (EV)	R2	RESISTOR (CURRENT LIMITING) (AP)	R15S	SOLENOID VALVE (LV) (AP)
A6P	PRINTED CIRCUIT BOARD (CIRCUIT 2)	X6M	MAGNETIC RELAY (CIRCUIT 2)	R12	RESISTOR (CURRENT LIMITING) (AP)	R15V	SOLENOID VALVE (WV) (AP)
A7P	PRINTED CIRCUIT BOARD (CIRCUIT 1)	X7M	MAGNETIC RELAY (CIRCUIT 1)	R13	RESISTOR (CURRENT LIMITING) (AP)	R15W	SOLENOID VALVE (LV) (AP)
BS1~5	BUSH BUTTON SWITCH	X8M	MAGNETIC RELAY (S1)	RS1P	PRESSURE SENSOR (H) (AP)	R15X	SOLENOID VALVE (H) (AP)
C1	CAPACITOR	X9M	MAGNETIC RELAY (S2)	RS2P	PRESSURE SENSOR (L) (AP)	R15Y	SOLENOID VALVE (H) (AP)
EH1C	EVAPORATOR HEATER (AP)	X10M	MAGNETIC RELAY (S3)	R11	THERMISTOR (AIR) (AP)	R15Z	SOLENOID VALVE (H) (AP)
EH2C	EVAPORATOR HEATER (AP)	X11M	MAGNETIC RELAY (S4)	R12	THERMISTOR (HEAT EXC. GAS 1) (AP)	R18S	SOLENOID VALVE (LV) (WV) (AP)
F1U	FUSE (T-1, 3A, 250V) (AP)	X12M	MAGNETIC RELAY (S5)	R21	THERMISTOR (HEAT EXC. BEFER 2) (AP)	R18V	SOLENOID VALVE (LV) (WV) (AP)
F2U	FUSE (T-1, 3A, 250V) (AP)	X13M	MAGNETIC RELAY (S6)	R22	THERMISTOR (HEAT EXC. BEFER 2) (AP)	R18W	SOLENOID VALVE (LV) (WV) (AP)
F3U	FUSE (T-1, 3A, 250V) (AP)	X14M	MAGNETIC RELAY (S7)	R41	THERMISTOR (HEAT EXC. BEFER 2) (AP)	R18X	SOLENOID VALVE (LV) (WV) (AP)
F4U	FUSE (T-1, 3A, 250V) (AP)	X15M	MAGNETIC RELAY (S8)	R42	THERMISTOR (HEAT EXC. BEFER 2) (AP)	R18Y	SOLENOID VALVE (LV) (WV) (AP)
F5U	FUSE (T-1, 3A, 250V) (AP)	X16M	MAGNETIC RELAY (S9)	R61	THERMISTOR (COOL. HEAT EXC. GAS 1) (AP)	R18Z	SOLENOID VALVE (LV) (WV) (AP)
F6U	FUSE (T-1, 3A, 250V) (AP)	X17M	MAGNETIC RELAY (S10)	R62	THERMISTOR (COOL. HEAT EXC. GAS 2) (AP)	R19A	WIRE FILTER (FOR ELECTRIC CABLE) (AP)
F7U	FUSE (T-1, 3A, 250V) (AP)	X18M	MAGNETIC RELAY (S11)	R81	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R19B	WIRE FILTER (FOR ELECTRIC CABLE) (AP)
F8U	FUSE (T-1, 3A, 250V) (AP)	X19M	MAGNETIC RELAY (S12)	R82	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R21	CONNECTOR FOR OPTIONAL PARTS
F9U	FUSE (T-1, 3A, 250V) (AP)	X20M	MAGNETIC RELAY (S13)	R83	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R22	CONNECTOR FOR OPTIONAL PARTS
F10U	FUSE (T-1, 3A, 250V) (AP)	X21M	MAGNETIC RELAY (S14)	R84	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R23	CONNECTOR FOR OPTIONAL PARTS
F11U	FUSE (T-1, 3A, 250V) (AP)	X22M	MAGNETIC RELAY (S15)	R85	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R24	CONNECTOR FOR OPTIONAL PARTS
F12U	FUSE (T-1, 3A, 250V) (AP)	X23M	MAGNETIC RELAY (S16)	R86	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R25	CONNECTOR FOR OPTIONAL PARTS
F13U	FUSE (T-1, 3A, 250V) (AP)	X24M	MAGNETIC RELAY (S17)	R87	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R26	CONNECTOR FOR OPTIONAL PARTS
F14U	FUSE (T-1, 3A, 250V) (AP)	X25M	MAGNETIC RELAY (S18)	R88	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R27	CONNECTOR FOR OPTIONAL PARTS
F15U	FUSE (T-1, 3A, 250V) (AP)	X26M	MAGNETIC RELAY (S19)	R89	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R28	CONNECTOR FOR OPTIONAL PARTS
F16U	FUSE (T-1, 3A, 250V) (AP)	X27M	MAGNETIC RELAY (S20)	R90	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R29	CONNECTOR FOR OPTIONAL PARTS
F17U	FUSE (T-1, 3A, 250V) (AP)	X28M	MAGNETIC RELAY (S21)	R91	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R30	CONNECTOR FOR OPTIONAL PARTS
F18U	FUSE (T-1, 3A, 250V) (AP)	X29M	MAGNETIC RELAY (S22)	R92	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R31	CONNECTOR FOR OPTIONAL PARTS
F19U	FUSE (T-1, 3A, 250V) (AP)	X30M	MAGNETIC RELAY (S23)	R93	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R32	CONNECTOR FOR OPTIONAL PARTS
F20U	FUSE (T-1, 3A, 250V) (AP)	X31M	MAGNETIC RELAY (S24)	R94	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R33	CONNECTOR FOR OPTIONAL PARTS
F21U	FUSE (T-1, 3A, 250V) (AP)	X32M	MAGNETIC RELAY (S25)	R95	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R34	CONNECTOR FOR OPTIONAL PARTS
F22U	FUSE (T-1, 3A, 250V) (AP)	X33M	MAGNETIC RELAY (S26)	R96	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R35	CONNECTOR FOR OPTIONAL PARTS
F23U	FUSE (T-1, 3A, 250V) (AP)	X34M	MAGNETIC RELAY (S27)	R97	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R36	CONNECTOR FOR OPTIONAL PARTS
F24U	FUSE (T-1, 3A, 250V) (AP)	X35M	MAGNETIC RELAY (S28)	R98	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R37	CONNECTOR FOR OPTIONAL PARTS
F25U	FUSE (T-1, 3A, 250V) (AP)	X36M	MAGNETIC RELAY (S29)	R99	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R38	CONNECTOR FOR OPTIONAL PARTS
F26U	FUSE (T-1, 3A, 250V) (AP)	X37M	MAGNETIC RELAY (S30)	R100	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R39	CONNECTOR FOR OPTIONAL PARTS
F27U	FUSE (T-1, 3A, 250V) (AP)	X38M	MAGNETIC RELAY (S31)	R101	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R40	CONNECTOR FOR OPTIONAL PARTS
F28U	FUSE (T-1, 3A, 250V) (AP)	X39M	MAGNETIC RELAY (S32)	R102	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R41	CONNECTOR FOR OPTIONAL PARTS
F29U	FUSE (T-1, 3A, 250V) (AP)	X40M	MAGNETIC RELAY (S33)	R103	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R42	CONNECTOR FOR OPTIONAL PARTS
F30U	FUSE (T-1, 3A, 250V) (AP)	X41M	MAGNETIC RELAY (S34)	R104	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R43	CONNECTOR FOR OPTIONAL PARTS
F31U	FUSE (T-1, 3A, 250V) (AP)	X42M	MAGNETIC RELAY (S35)	R105	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R44	CONNECTOR FOR OPTIONAL PARTS
F32U	FUSE (T-1, 3A, 250V) (AP)	X43M	MAGNETIC RELAY (S36)	R106	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R45	CONNECTOR FOR OPTIONAL PARTS
F33U	FUSE (T-1, 3A, 250V) (AP)	X44M	MAGNETIC RELAY (S37)	R107	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R46	CONNECTOR FOR OPTIONAL PARTS
F34U	FUSE (T-1, 3A, 250V) (AP)	X45M	MAGNETIC RELAY (S38)	R108	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R47	CONNECTOR FOR OPTIONAL PARTS
F35U	FUSE (T-1, 3A, 250V) (AP)	X46M	MAGNETIC RELAY (S39)	R109	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R48	CONNECTOR FOR OPTIONAL PARTS
F36U	FUSE (T-1, 3A, 250V) (AP)	X47M	MAGNETIC RELAY (S40)	R110	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R49	CONNECTOR FOR OPTIONAL PARTS
F37U	FUSE (T-1, 3A, 250V) (AP)	X48M	MAGNETIC RELAY (S41)	R111	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R50	CONNECTOR FOR OPTIONAL PARTS
F38U	FUSE (T-1, 3A, 250V) (AP)	X49M	MAGNETIC RELAY (S42)	R112	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R51	CONNECTOR FOR OPTIONAL PARTS
F39U	FUSE (T-1, 3A, 250V) (AP)	X50M	MAGNETIC RELAY (S43)	R113	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R52	CONNECTOR FOR OPTIONAL PARTS
F40U	FUSE (T-1, 3A, 250V) (AP)	X51M	MAGNETIC RELAY (S44)	R114	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R53	CONNECTOR FOR OPTIONAL PARTS
F41U	FUSE (T-1, 3A, 250V) (AP)	X52M	MAGNETIC RELAY (S45)	R115	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R54	CONNECTOR FOR OPTIONAL PARTS
F42U	FUSE (T-1, 3A, 250V) (AP)	X53M	MAGNETIC RELAY (S46)	R116	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R55	CONNECTOR FOR OPTIONAL PARTS
F43U	FUSE (T-1, 3A, 250V) (AP)	X54M	MAGNETIC RELAY (S47)	R117	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R56	CONNECTOR FOR OPTIONAL PARTS
F44U	FUSE (T-1, 3A, 250V) (AP)	X55M	MAGNETIC RELAY (S48)	R118	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R57	CONNECTOR FOR OPTIONAL PARTS
F45U	FUSE (T-1, 3A, 250V) (AP)	X56M	MAGNETIC RELAY (S49)	R119	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R58	CONNECTOR FOR OPTIONAL PARTS
F46U	FUSE (T-1, 3A, 250V) (AP)	X57M	MAGNETIC RELAY (S50)	R120	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R59	CONNECTOR FOR OPTIONAL PARTS
F47U	FUSE (T-1, 3A, 250V) (AP)	X58M	MAGNETIC RELAY (S51)	R121	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R60	CONNECTOR FOR OPTIONAL PARTS
F48U	FUSE (T-1, 3A, 250V) (AP)	X59M	MAGNETIC RELAY (S52)	R122	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R61	CONNECTOR FOR OPTIONAL PARTS
F49U	FUSE (T-1, 3A, 250V) (AP)	X60M	MAGNETIC RELAY (S53)	R123	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R62	CONNECTOR FOR OPTIONAL PARTS
F50U	FUSE (T-1, 3A, 250V) (AP)	X61M	MAGNETIC RELAY (S54)	R124	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R63	CONNECTOR FOR OPTIONAL PARTS
F51U	FUSE (T-1, 3A, 250V) (AP)	X62M	MAGNETIC RELAY (S55)	R125	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R64	CONNECTOR FOR OPTIONAL PARTS
F52U	FUSE (T-1, 3A, 250V) (AP)	X63M	MAGNETIC RELAY (S56)	R126	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R65	CONNECTOR FOR OPTIONAL PARTS
F53U	FUSE (T-1, 3A, 250V) (AP)	X64M	MAGNETIC RELAY (S57)	R127	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R66	CONNECTOR FOR OPTIONAL PARTS
F54U	FUSE (T-1, 3A, 250V) (AP)	X65M	MAGNETIC RELAY (S58)	R128	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R67	CONNECTOR FOR OPTIONAL PARTS
F55U	FUSE (T-1, 3A, 250V) (AP)	X66M	MAGNETIC RELAY (S59)	R129	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R68	CONNECTOR FOR OPTIONAL PARTS
F56U	FUSE (T-1, 3A, 250V) (AP)	X67M	MAGNETIC RELAY (S60)	R130	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R69	CONNECTOR FOR OPTIONAL PARTS
F57U	FUSE (T-1, 3A, 250V) (AP)	X68M	MAGNETIC RELAY (S61)	R131	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R70	CONNECTOR FOR OPTIONAL PARTS
F58U	FUSE (T-1, 3A, 250V) (AP)	X69M	MAGNETIC RELAY (S62)	R132	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R71	CONNECTOR FOR OPTIONAL PARTS
F59U	FUSE (T-1, 3A, 250V) (AP)	X70M	MAGNETIC RELAY (S63)	R133	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R72	CONNECTOR FOR OPTIONAL PARTS
F60U	FUSE (T-1, 3A, 250V) (AP)	X71M	MAGNETIC RELAY (S64)	R134	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R73	CONNECTOR FOR OPTIONAL PARTS
F61U	FUSE (T-1, 3A, 250V) (AP)	X72M	MAGNETIC RELAY (S65)	R135	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R74	CONNECTOR FOR OPTIONAL PARTS
F62U	FUSE (T-1, 3A, 250V) (AP)	X73M	MAGNETIC RELAY (S66)	R136	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R75	CONNECTOR FOR OPTIONAL PARTS
F63U	FUSE (T-1, 3A, 250V) (AP)	X74M	MAGNETIC RELAY (S67)	R137	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R76	CONNECTOR FOR OPTIONAL PARTS
F64U	FUSE (T-1, 3A, 250V) (AP)	X75M	MAGNETIC RELAY (S68)	R138	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R77	CONNECTOR FOR OPTIONAL PARTS
F65U	FUSE (T-1, 3A, 250V) (AP)	X76M	MAGNETIC RELAY (S69)	R139	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R78	CONNECTOR FOR OPTIONAL PARTS
F66U	FUSE (T-1, 3A, 250V) (AP)	X77M	MAGNETIC RELAY (S70)	R140	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R79	CONNECTOR FOR OPTIONAL PARTS
F67U	FUSE (T-1, 3A, 250V) (AP)	X78M	MAGNETIC RELAY (S71)	R141	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R80	CONNECTOR FOR OPTIONAL PARTS
F68U	FUSE (T-1, 3A, 250V) (AP)	X79M	MAGNETIC RELAY (S72)	R142	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R81	CONNECTOR FOR OPTIONAL PARTS
F69U	FUSE (T-1, 3A, 250V) (AP)	X80M	MAGNETIC RELAY (S73)	R143	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R82	CONNECTOR FOR OPTIONAL PARTS
F70U	FUSE (T-1, 3A, 250V) (AP)	X81M	MAGNETIC RELAY (S74)	R144	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R83	CONNECTOR FOR OPTIONAL PARTS
F71U	FUSE (T-1, 3A, 250V) (AP)	X82M	MAGNETIC RELAY (S75)	R145	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R84	CONNECTOR FOR OPTIONAL PARTS
F72U	FUSE (T-1, 3A, 250V) (AP)	X83M	MAGNETIC RELAY (S76)	R146	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R85	CONNECTOR FOR OPTIONAL PARTS
F73U	FUSE (T-1, 3A, 250V) (AP)	X84M	MAGNETIC RELAY (S77)	R147	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R86	CONNECTOR FOR OPTIONAL PARTS
F74U	FUSE (T-1, 3A, 250V) (AP)	X85M	MAGNETIC RELAY (S78)	R148	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R87	CONNECTOR FOR OPTIONAL PARTS
F75U	FUSE (T-1, 3A, 250V) (AP)	X86M	MAGNETIC RELAY (S79)	R149	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R88	CONNECTOR FOR OPTIONAL PARTS
F76U	FUSE (T-1, 3A, 250V) (AP)	X87M	MAGNETIC RELAY (S80)	R150	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R89	CONNECTOR FOR OPTIONAL PARTS
F77U	FUSE (T-1, 3A, 250V) (AP)	X88M	MAGNETIC RELAY (S81)	R151	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R90	CONNECTOR FOR OPTIONAL PARTS
F78U	FUSE (T-1, 3A, 250V) (AP)	X89M	MAGNETIC RELAY (S82)	R152	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R91	CONNECTOR FOR OPTIONAL PARTS
F79U	FUSE (T-1, 3A, 250V) (AP)	X90M	MAGNETIC RELAY (S83)	R153	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R92	CONNECTOR FOR OPTIONAL PARTS
F80U	FUSE (T-1, 3A, 250V) (AP)	X91M	MAGNETIC RELAY (S84)	R154	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R93	CONNECTOR FOR OPTIONAL PARTS
F81U	FUSE (T-1, 3A, 250V) (AP)	X92M	MAGNETIC RELAY (S85)	R155	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R94	CONNECTOR FOR OPTIONAL PARTS
F82U	FUSE (T-1, 3A, 250V) (AP)	X93M	MAGNETIC RELAY (S86)	R156	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R95	CONNECTOR FOR OPTIONAL PARTS
F83U	FUSE (T-1, 3A, 250V) (AP)	X94M	MAGNETIC RELAY (S87)	R157	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R96	CONNECTOR FOR OPTIONAL PARTS
F84U	FUSE (T-1, 3A, 250V) (AP)	X95M	MAGNETIC RELAY (S88)	R158	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R97	CONNECTOR FOR OPTIONAL PARTS
F85U	FUSE (T-1, 3A, 250V) (AP)	X96M	MAGNETIC RELAY (S89)	R159	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R98	CONNECTOR FOR OPTIONAL PARTS
F86U	FUSE (T-1, 3A, 250V) (AP)	X97M	MAGNETIC RELAY (S90)	R160	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R99	CONNECTOR FOR OPTIONAL PARTS
F87U	FUSE (T-1, 3A, 250V) (AP)	X98M	MAGNETIC RELAY (S91)	R161	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R100	CONNECTOR FOR OPTIONAL PARTS
F88U	FUSE (T-1, 3A, 250V) (AP)	X99M	MAGNETIC RELAY (S92)	R162	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R101	CONNECTOR FOR OPTIONAL PARTS
F89U	FUSE (T-1, 3A, 250V) (AP)	X100M	MAGNETIC RELAY (S93)	R163	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R102	CONNECTOR FOR OPTIONAL PARTS
F90U	FUSE (T-1, 3A, 250V) (AP)	X101M	MAGNETIC RELAY (S94)	R164	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R103	CONNECTOR FOR OPTIONAL PARTS
F91U	FUSE (T-1, 3A, 250V) (AP)	X102M	MAGNETIC RELAY (S95)	R165	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R104	CONNECTOR FOR OPTIONAL PARTS
F92U	FUSE (T-1, 3A, 250V) (AP)	X103M	MAGNETIC RELAY (S96)	R166	THERMISTOR (COOL. HEAT EXC. BEFER 2) (AP)	R	

REYQ144PBTJ



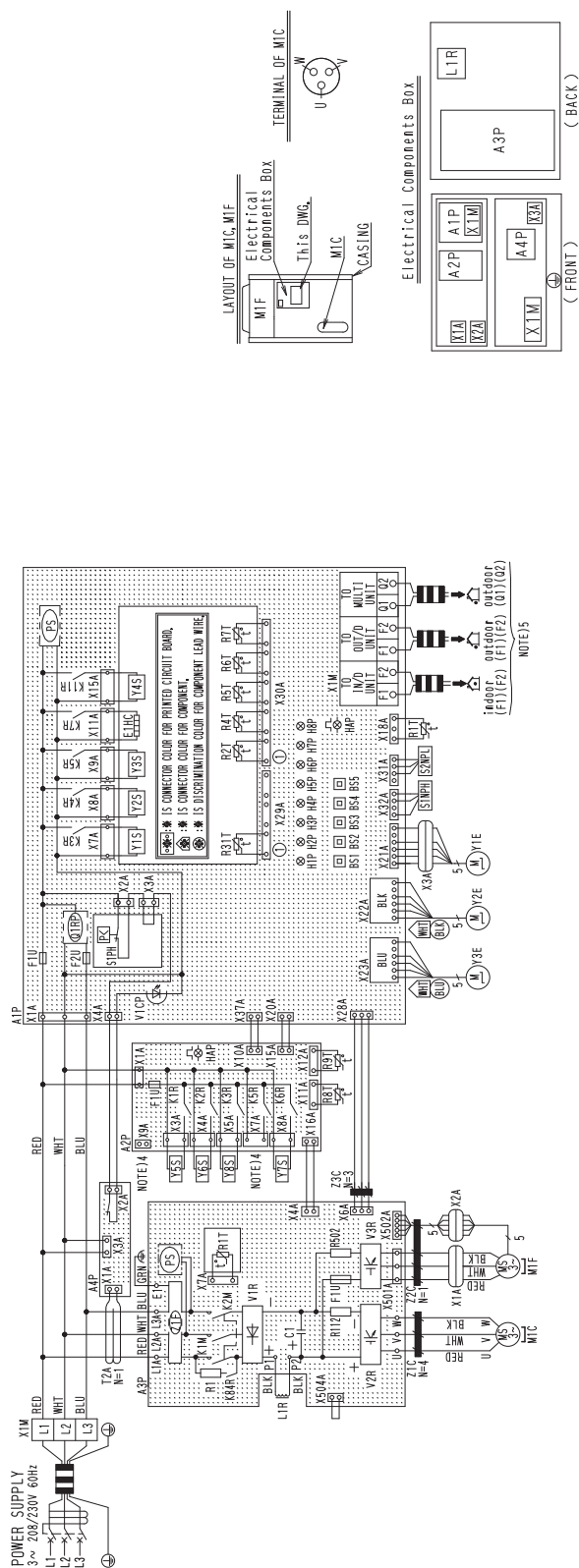
NOTES

- THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
- FIELD WIRING:
 - FIELD WIRING STRIP
 - CONNECTOR
 - TERMINAL
 - PROTECTIVE GROUND/SCREEN
 - NOISELESS GROUND
- WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR FOR INDOOR-OUTDOOR TRANSMISSION.
- FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION:
 - F1: OUTDOOR-OUTDOOR TRANSMISSION
 - F2: OUTDOOR-MULTI TRANSMISSION
 - 01-02: REFER TO THE INSTALLATION MANUAL
- HOW TO USE B5T~5: REFER TO "SERVICE PRECAUTION"
- WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICES (S1, 2PH).
- SYMBOLS INDICATE COLORS OF EACH PARTS AS SHOWN BELOW.
 - S1: IS CONNECTOR COLOR FOR PRINTED CIRCUIT BOARD.
 - S2: IS CONNECTOR COLOR FOR COMPONENT.
 - S3: IS IDENTIFICATION COLOR FOR COMPONENT LEAD WIRE.
- COLORS: BLK:BLACK; RED:RED; BLU:BLUE; WHI:WHITE; GRN:GREEN.

ATP	PRINTED CIRCUIT BOARD (MAIN)	Z2R	MAGNETIC RELAY (YS1/ASP)	R1	RESISTOR (CURRENT SENSOR) (AMP/ASP)	R15T	THEMISTOR (HEAT EXC. LIQUID 2) (ASP)	Y25	SOLENOID VALVE (4 WAY VALVE HEAT EXC. 1)
A2P	PRINTED CIRCUIT BOARD (SUB 1)	Z5R	MAGNETIC RELAY (YS2/ASP)	R12	RESISTOR (AMP/ASP)	R15B	PRESSURE SENSOR (LOW) (ASP)	Y26	SOLENOID VALVE (RMT)
A3P	PRINTED CIRCUIT BOARD (SUB 2)	Z6R	MAGNETIC RELAY (YS3/ASP)	R13	THEMISTOR (AIR) (AP)	S2MPL	PRESSURE SENSOR (LOW) (ASP)	Y45	SOLENOID VALVE (HOT GAS)
ASP	PRINTED CIRCUIT BOARD (UNIT)	Z4R	MAGNETIC RELAY (YS4/ASP)	R14	THEMISTOR (HEAT EXC. GAS 1) (ASP)	S2MPL	PRESSURE SENSOR (HIGH) (ASP)	Y55	SOLENOID VALVE (HOT GAS)
ASP	PRINTED CIRCUIT BOARD (UNIT)	Z4R	MAGNETIC RELAY (YS4/ASP)	R21	THEMISTOR (HEAT EXC. GAS 2) (ASP)	Y2A	CURRENT SENSOR (AP)	Y65	SOLENOID VALVE (RMT)
B5T~5	PUSH BUTTON SWITCH (MODE SET, REHEAT, TEST, RESET)	Z5R	MAGNETIC RELAY (YS5/ASP)	R22	THEMISTOR (HEAT EXC. LIQUID 1) (ASP)	Y2C	SAFETY DEVICES (MPT) (AP/ASP)	Y75	SOLENOID VALVE (RMT)
CT	CAPACITOR (AP/ASP)	Z5R	MAGNETIC RELAY (YS5/ASP)	R23	THEMISTOR (W/C DISCHARGE) (AP)	Y2D	DIODE BRIDGE (AP/ASP)	Y85	SOLENOID VALVE (RMT)
ETHC	ETHC (CRANKCASE HEATER) (AP/ASP)	Z6R	MAGNETIC RELAY (YS6/ASP)	R4T	THEMISTOR (SUB COOL. HEAT EXC. GAS 1)	Y2R	VCR POWER MODULE (AMP/ASP)	Y95	SOLENOID VALVE (4 WAY VALVE-PEE)
FIU	FIU FUSE (1.3, 1.5A, 5.0V) (AP/ASP)	X7R	MAGNETIC RELAY (YS7/ASP)	R5T	THEMISTOR (SUB COOL. HEAT EXC. GAS 2)	X1A~X8A	CONNECTOR	Y105	SOLENOID VALVE (4 WAY VALVE-HEAT EXC. 2)
FIU	FIU FUSE (1.3, 1.5A, 5.0V) (AP)	X7R	MAGNETIC RELAY (YS7/ASP)	R6T	THEMISTOR (COOL. HEAT EXC. LIQUID) (AP)	X1M	TERMINAL STRIP (CONTROL) (AP/ASP)	Y155	SOLENOID VALVE (4 WAY VALVE-HEAT EXC. 2)
FIU	FIU FUSE (1.6A, 0.45V) (AP/ASP)	X1R	MAGNETIC RELAY (YS8/ASP)	R7T	THEMISTOR (COOL. HEAT EXC. LIQUID) (AP)	X1M	TERMINAL STRIP (CONTROL) (AP/ASP)	Y165	SOLENOID VALVE (4 WAY VALVE-HEAT EXC. 2)
FIU	FIU FUSE (1.6A, 0.45V) (AP/ASP)	X1R	MAGNETIC RELAY (YS8/ASP)	R8T	THEMISTOR (COOL. HEAT EXC. LIQUID) (AP)	X1M	TERMINAL STRIP (CONTROL) (AP/ASP)	Y195	SOLENOID VALVE (4 WAY VALVE-HEAT EXC. 2)
HIP	HIP-8P PILOT LAMP (SERVICE MONITOR - DRINKING WATER) (AP/ASP)	X8R	MAGNETIC RELAY (YS9/ASP)	R9T	THEMISTOR (LIQUID 1) (AP)	X2M	TERMINAL STRIP (RELAY)	Z1C~ZC	NOISE FILTER (FERRITE CORE)
HIP	HIP-8P PILOT LAMP (SERVICE MONITOR - DRINKING WATER) (AP/ASP)	X8R	MAGNETIC RELAY (YS9/ASP)	R10T	MAGNETIC RELAY (CURRENT LIMITING) (AP/ASP)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN 1)	Z1F	NOISE FILTER (WITH SHIELD) (AMP/ASP)
HIP	HIP-8P PILOT LAMP (SERVICE MONITOR - DRINKING WATER) (AP/ASP)	X8R	MAGNETIC RELAY (YS9/ASP)	R11T	MAGNETIC RELAY (CURRENT LIMITING) (AP/ASP)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN 1)		
HIP	HIP-8P PILOT LAMP (SERVICE MONITOR - DRINKING WATER) (AP/ASP)	X8R	MAGNETIC RELAY (YS9/ASP)	R12T	MAGNETIC RELAY (CURRENT LIMITING) (AP/ASP)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN 2)		
HIP	HIP-8P PILOT LAMP (SERVICE MONITOR - DRINKING WATER) (AP/ASP)	X8R	MAGNETIC RELAY (YS9/ASP)	R13T	MAGNETIC RELAY (CURRENT LIMITING) (AP/ASP)	Y1E	ELECTRONIC EXPANSION VALVE (SHROOK 1)	X7A	OPERATION (OPTION) (ASP)
X1M, X2M	MAGNETIC RELAY (M2C/M2C2) (AP/ASP)	P5	STARTING POWER SUPPLY (AP, AP, AP)	R14T	MAGNETIC RELAY (YS14/ASP)	Y15E	ELECTRONIC EXPANSION VALVE (SHROOK 2)	X9A	PURGE SUPPLY (ADAPTER) (ASP)
X7R	MAGNETIC RELAY (YS7/ASP)	Q1RP	PHASE REVERSAL DEFECT CIRCUIT (AP/ASP)			Y15	SOLENOID VALVE (RMT)	X37A	PURGE SUPPLY (ADAPTER) (ASP)

3D00729B

REM72PBTJ

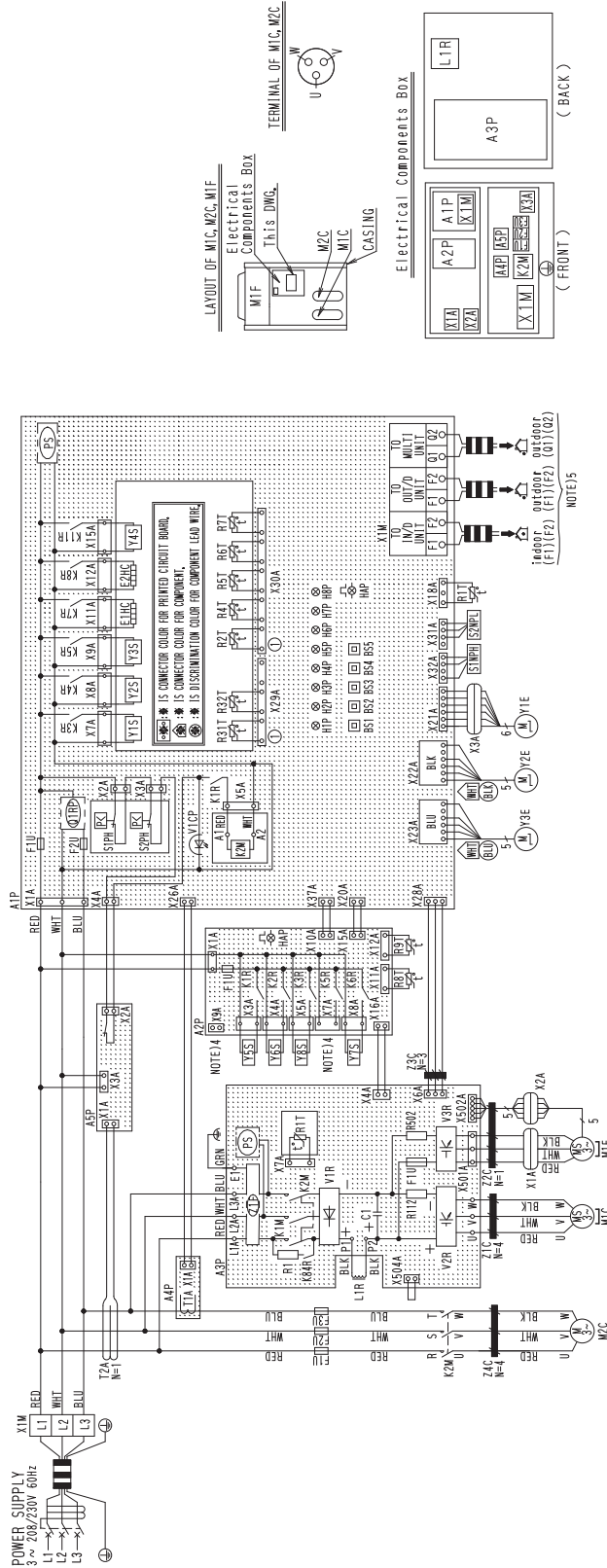


A1P	PRINTED CIRCUIT BOARD (MAIN)	K3R	MAGNETIC RELAY (Y1S) (APP)	R2T	THEMISTOR (HEAT ETC. GAS) (APP)	X1M	TERMINAL STRIP (CONTROL) (APP)
A2P	PRINTED CIRCUIT BOARD (SUB)	K3R	MAGNETIC RELAY (Y8S) (APP)	R3T	THEMISTOR (HEAT ETC. BECE) (APP)	Y1E	ELECTRONIC EXPANSION VALVE (WATER) (APP)
A3P	PRINTED CIRCUIT BOARD (LINE FAN)	K4R	MAGNETIC RELAY (Y3S) (APP)	R4T	THEMISTOR (HEAT ETC. BECE) (APP)	Y2E	ELECTRONIC EXPANSION VALVE (CHARGE) (APP)
A4P	PRINTED CIRCUIT BOARD (GROUND LEAKAGE DETECTOR)	K5R	MAGNETIC RELAY (Y3S) (APP)	R5T	THEMISTOR (SOB COOL HEAT ETC. LIQUID) (APP)	Y3E	ELECTRONIC EXPANSION VALVE (SHROUD) (APP)
B51~5	PUSH BUTTON SWITCH (MOD. SET, RETINA, TEST, RESET) (APP)	K6R	MAGNETIC RELAY (Y7S) (APP)	R6T	THEMISTOR (SOB COOL HEAT ETC. LIQUID) (APP)	Y1S	SOLENOID VALVE (DRAIN) (APP)
C1	CAPACITOR	K7R	MAGNETIC RELAY (Y4S) (APP)	R7T	THEMISTOR (HEAT ETC. LIQUID) (APP)	Y2S	SOLENOID VALVE (4 WAY VALVE) (PIPE) (APP)
E1C	FRIGIDASE (HEATER) (APP)	K11R	MAGNETIC RELAY (Y4S) (APP)	R8T	THEMISTOR (SOB COOL HEAT ETC. LIQUID) (APP)	Y3S	SOLENOID VALVE (4 WAY VALVE) (HEAT ETC. APP)
F1U, F2U	FUSE (T. 3, 15A, 20A) (APP)	K6AR	MAGNETIC RELAY (CURRENT LIMITING) (APP)	R9T	THEMISTOR (SOB COOL HEAT ETC. LIQUID) (APP)	Y4S	SOLENOID VALVE (HOT GAS) (APP)
F1U, F2U	FUSE (T. 3, 15A, 20A) (APP)	K11R	MAGNETIC RELAY (CURRENT LIMITING) (APP)	S1NPH	PRESSURE SENSOR (HIGH) (APP)	Y5S	SOLENOID VALVE (HOT GAS) (APP)
F1U	FUSE (T. 3, 15A, 20A) (APP)	L1R	REACTOR (APP)	S1PH	PRESSURE SENSOR (LOW) (APP)	Y6S	SOLENOID VALVE (CY PRESS) (APP)
F1U	FUSE (T. 3, 15A, 20A) (APP)	M1C	MOTOR (COMPRESSOR)	S1PH	PRESSURE SWITCH (HIGH) (APP)	Y7S	SOLENOID VALVE (HOT GAS) (APP)
H1P~8P	PILOT LAMP (SERVITE MONITOR - DUNGE) (APP)	M1F	MOTOR (FAN)	T2A	CURRENT SENSOR (APP)	Y8S	SOLENOID VALVE (HOT GAS) (APP)
H1P	PILOT LAMP (SERVITE MONITOR - DUNGE) (APP)	M1F	MOTOR (FAN)	V1CP	SAFETY DEVICES (MOT) (APP)	Y9S	SOLENOID VALVE (HOT GAS) (APP)
H1P	PILOT LAMP (SERVITE MONITOR - DUNGE) (APP)	M1F	MOTOR (FAN)	V1CP	SAFETY DEVICES (MOT) (APP)	Z1E~3C	NOISE FILTER (FERRITE CORE)
H1P	PILOT LAMP (SERVITE MONITOR - DUNGE) (APP)	M1F	MOTOR (FAN)	V1CP	SAFETY DEVICES (MOT) (APP)	Z1F	NOISE FILTER (WHITE SURGE ABSORBER) (APP)
K1M, Z1W	MAGNETIC RELAY (MTC) (APP)	R17, R9Z	RESISTOR (CURRENT SENSOR) (APP)	V2R, X3R	POWER MODULE (APP)	CON	CONNECTOR FOR OPTIONAL PARTS
K1R	MAGNETIC RELAY (Y5S) (APP)	R17, R9Z	RESISTOR (APP)	X1A, X2A	CONNECTOR (Y1E)	X1A	OPERATION OUTPUT (APP)
K2R	MAGNETIC RELAY (Y6S) (APP)	R17, R9Z	RESISTOR (APP)	X1A, X2A	CONNECTOR (Y1E)	X2A	POWER SUPPLY (ADAPTOR) (APP)
		R17, R9Z	RESISTOR (APP)	X1A, X2A	CONNECTOR (Y1E)	X3A	POWER SUPPLY (ADAPTOR) (APP)
		R17, R9Z	RESISTOR (APP)	X1A, X2A	CONNECTOR (Y1E)	X3A	POWER SUPPLY (ADAPTOR) (APP)
		R17, R9Z	RESISTOR (APP)	X1A, X2A	CONNECTOR (Y1E)	X3A	POWER SUPPLY (ADAPTOR) (APP)

- NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
 2. : TERMINAL STRIP
 3. : FIELD WIRING
 4. : TERMINAL STRIP
 5. : CONNECTOR
 6. : PROTECTIVE GROUND (SCREW)
 7. : NOT SELESS GROUND
 8. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
 9. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION FT * F2, OUTDOOR-OUTDOOR TRANSMISSION FT * F2, OUTDOOR-OUTDOOR TRANSMISSION FT * F2, REFER TO THE INSTALLATION MANUAL.
 10. HOW TO USE B51~5, REFER TO "SERVICE PRECAUTION" LABEL ON ELECTRICAL COMPONENTS BOX LID.
 11. WHEN OPERATING, DON'T SHORT CIRCUIT THE PROTECTION DEVICE(S) (S1PH).
 12. COLORS: BLK:BLACK; RED:RED; BLU:BLUE; WHT:WHITE; GRN:GREEN.

3D069810B

REM96PBTJ / REMQ120PBTJ



A1P	PRINTED CIRCUIT BOARD (M1M)	K1R	MAGNETIC RELAY (Y5S) (APP)	R1T	THERMISTOR (ENV) (APP)	X1M	TERMINAL STRIP (CONTROL) (APP)
A2P	PRINTED CIRCUIT BOARD (SUB)	K2R	MAGNETIC RELAY (Y5S) (APP)	R2T	THERMISTOR (HEAT-ETC) (AS)	Y1E	ELECTRONIC EXPANSION VALVE (M1M) (APP)
A3P	PRINTED CIRCUIT BOARD (MVA, FAN)	K3R	MAGNETIC RELAY (Y1S) (APP)	R3L, R3T	THERMISTOR (MIC, M2C, DISCHARGE) (APP)	Y2E	ELECTRONIC EXPANSION VALVE (CHARGE) (APP)
A4P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	K4R	MAGNETIC RELAY (Y5S) (APP)	R4L	THERMISTOR (HEAT-ETC, DETECTOR) (APP)	Y3E	ELECTRONIC EXPANSION VALVE (CSB02L) (APP)
A5P	PRINTED CIRCUIT BOARD (GROUND-DIAGNOSIS)	K5R	MAGNETIC RELAY (Y5S) (APP)	R5T	THERMISTOR (SUB-COOL-HEAT-ETC, GAS) (APP)	Y7S	SOLENOID VALVE (FMG) (APP)
B5T~5	PISTON BUTTON SWITCH (MFG, SET, REINHOLD, TEST) (APP)	K6R	MAGNETIC RELAY (Y5S) (APP)	R6T	THERMISTOR (SUB-COOL-HEAT-ETC, LIQUID) (APP)	Y7S	SOLENOID VALVE (4-WAY) (APP)
C1	CAPACITOR	K6R	MAGNETIC RELAY (Y7S) (APP)	R7T	THERMISTOR (HEAT-ETC, LIQUID) (APP)	Y4S	SOLENOID VALVE (4-WAY) (APP)
ETIC, ET2C	CRANKCASE HEATER (APP)	K7R	MAGNETIC RELAY (ET2C) (APP)	R8T	THERMISTOR (SUCTION) (APP)	Y5S	SOLENOID VALVE (HOT GAS) (APP)
F1U, F2U	FUSE (T, 3A, 250V) (APP)	K8R	MAGNETIC RELAY (Y6S) (APP)	R9T	THERMISTOR (LIQUID) (APP)	Y6S	SOLENOID VALVE (HOT GAS) (APP)
F1U, F2U	FUSE (T, 3A, 250V) (APP)	K11R	MAGNETIC RELAY (Y6S) (APP)	S1NPH	PRESSURE SENSOR (HIGH) (APP)	Y7S	SOLENOID VALVE (BYPASS) (APP)
F1U	FUSE (16A, DC24V) (M2C)	K24R	MAGNETIC RELAY (CURRENT LIMITING) (APP)	S1NPL	PRESSURE SENSOR (LOW) (APP)	Y8S	SOLENOID VALVE (ANTI) (APP)
H1P~8P	RELAY (LAMP SERVICE MONITOR - REFERENCE MANUAL) (APP)	L1R	REACTOR (APP)	S1NPH	PRESSURE SENSOR (HIGH) (APP)	Z1C~4C	NOISE FILTER (FERRITE CORE)
H1P	RELAY (LAMP SERVICE MONITOR - REFERENCE MANUAL) (APP)	M1C	MIC, M2C, MOTOR (COMPRESSOR)	T1A	CURRENT SENSOR (APP)	Z1F	NOISE FILTER (WITH SHIELD) (APP)
H1P	RELAY (LAMP SERVICE MONITOR - REFERENCE MANUAL) (APP)	M1C	MIC, M2C, MOTOR (COMPRESSOR)	V1C	SAFETY SWITCH (MVA) (APP)		
H1P	RELAY (LAMP SERVICE MONITOR - REFERENCE MANUAL) (APP)	P5	STARTING POWER SUPPLY (APP)	V1R	DIODE BRIDGE (APP)		
H1P	RELAY (LAMP SERVICE MONITOR - REFERENCE MANUAL) (APP)	Q1P	PHASE REVERSAL DETECT. CIRCUIT (APP)	V2A, V3R	POWER MODULE (APP)		
K1M, K2M	MAGNETIC RELAY (M1C) (APP)	R1P	RESISTOR (CURRENT SENSOR) (APP)	X1A, X2A	CONNECTOR (M1F)		
K2R	MAGNETIC RELAY (M2C) (APP)	R12A, R52A	RESISTOR (CURRENT SENSOR) (APP)	X3A	CONNECTOR (T)		
K3R	MAGNETIC RELAY (K2M) (APP)	R1T	THERMISTOR (APP)	X1M	TERMINAL STRIP (POWER SUPPLY)		

- NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
 2. [Symbol] : FIELD WIRING.
 3. [Symbol] : TERMINAL STRIP.
 4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
 5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 + F2, OUTDOOR-OUTDOOR TRANSMISSION 01 + 02, REFER TO THE INSTALLATION MANUAL.
 6. HOW TO USE B5T~5, REFER TO "SERVICE PRECAUTION" LABEL ON ELECTRICAL COMPONENTS BOX LTD.
 7. WHEN OPERATING DOWN T, SHORTCIRCUIT THE PROTECTION DEVICE(S) (PH, S2PH).
 8. COLORS: BLK:BLACK; RED:RED; BLU:BLUE; WHT:WHITE; GRN:GREEN.

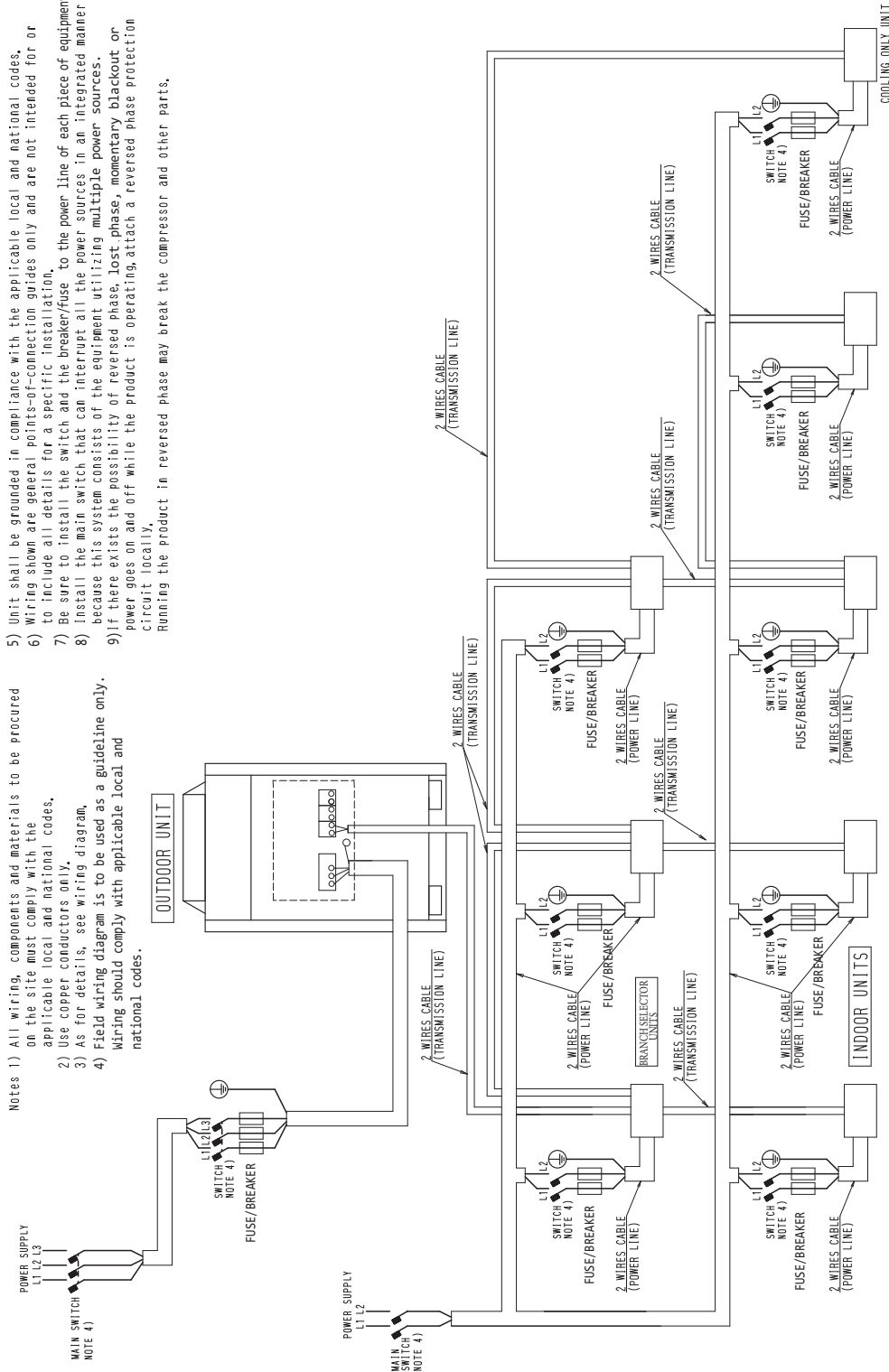
3D069811B

6. Field Wiring

REYQ72PTJU / REYQ96PTJU / REYQ120PTJU / REYQ144PBTJ

- 5) Unit shall be grounded in compliance with the applicable local and national codes.
 - 6) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
 - 7) Be sure to install the switch and the breaker/fuse to the power line of each piece of equipment.
 - 8) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing multiple power sources.
 - 9) If there exists the possibility of reversed phase, lost phase, momentary blackout or power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.

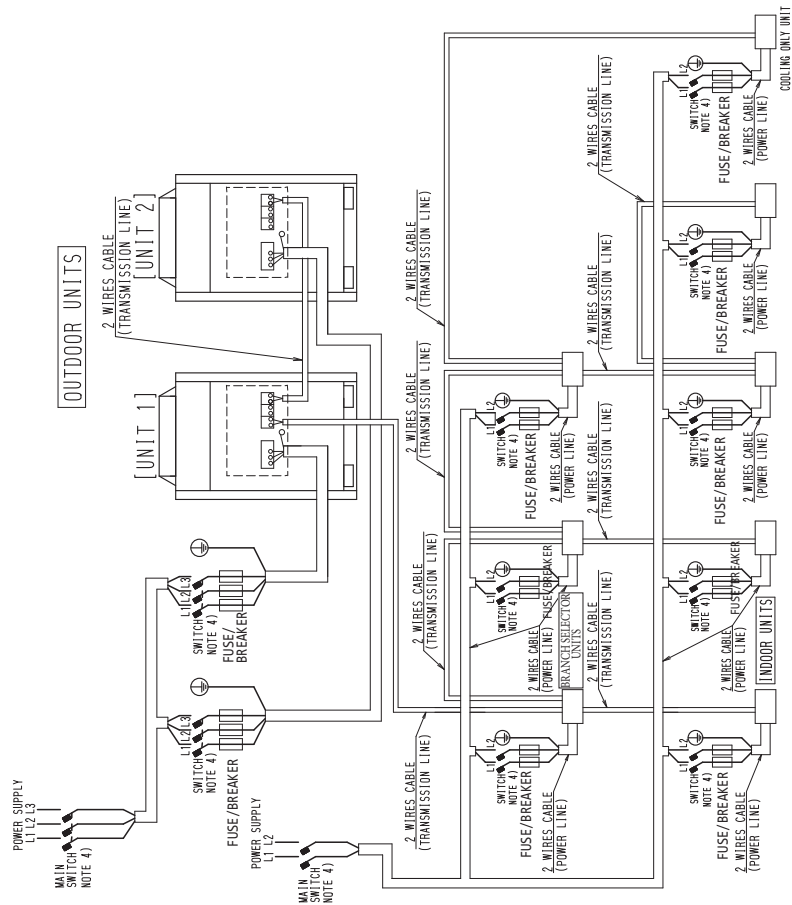
- Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
- 2) Use copper conductors only.
 - 3) As for details, see wiring diagram.
 - 4) Field wiring diagram is to be used as a guideline only. Wiring should comply with applicable local and national codes.



C: 3D058622D

REYQ168PBTJ / REYQ192PBTJ / REYQ216PBTJ / REYQ240PBTJ

- Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes, to include all details for a specific installation.
- 2) Use copper conductors only.
- 3) As for details, see wiring diagram.
- 4) Field wiring diagram is to be used as a guideline only. Wiring should comply with applicable local and national codes.
- 5) Unit shall be grounded in compliance with the applicable local and national codes.
- 6) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
- 7) Be sure to install the switch and the breaker/fuse to the power line of each piece of equipment.
- 8) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing multiple power sources.
- 9) If there exists the possibility of reversed phase, lost phase, momentary blackout or power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.

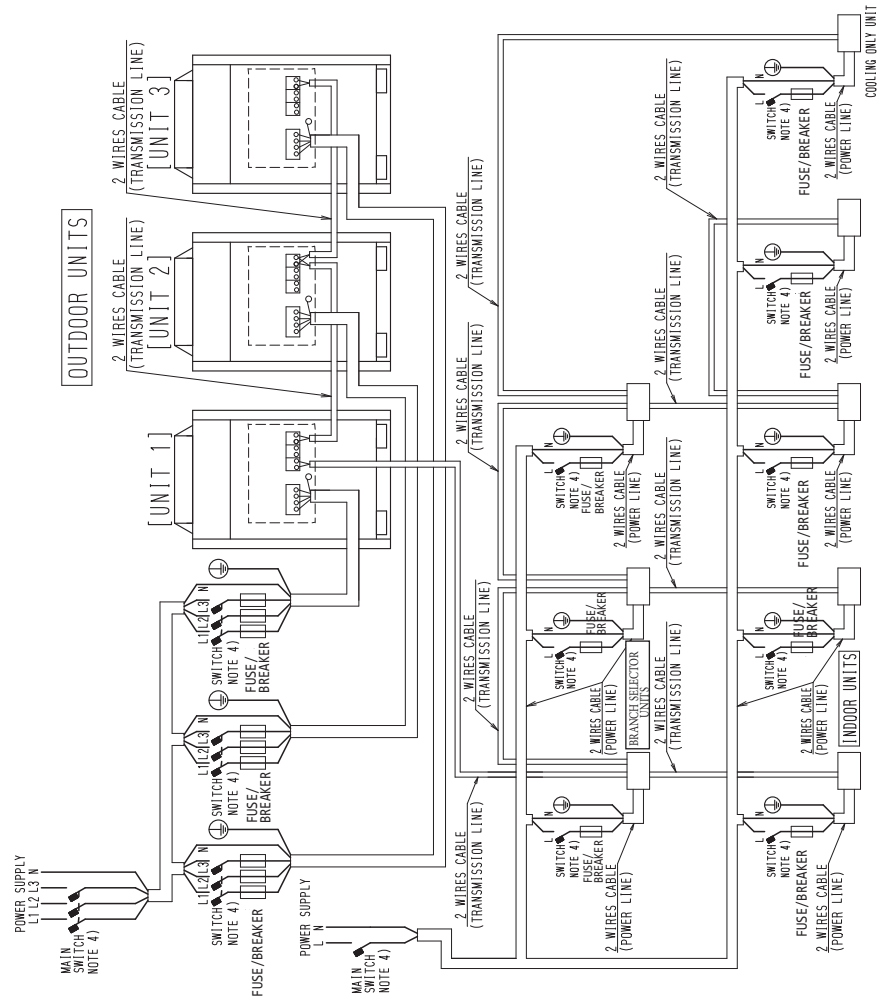


C: 3D059671D

REYQ264PBTJ / REYQ288PBTJ / REYQ312PBTJ / REYQ336PBTJ

3D070845

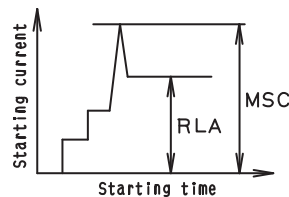
- Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes, applicable local and national codes.
- 2) Use copper conductors only.
- 3) As for details, see wiring diagram.
- 4) Field wiring diagram is to be used as a guideline only. Wiring should comply with applicable local and national codes.
- 5) Unit shall be grounded in compliance with the applicable local and national codes.
- 6) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
- 7) Be sure to install the switch and the breaker/fuse to the power line of each piece of equipment.
- 8) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing multiple power sources.
- 9) If there exists the possibility of reversed phase, lost phase, momentary blackout or power goes on and off while the product is operating, attach a reversed phase protection circuit locally.
- Running the product in reversed phase may break the compressor and other parts.



7. Electric Characteristics

Model Name	Units				Power Supply		Comp.		OFM	
Model Name	Hz	Volts	Min	Max	MCA	MOP	MSC	RLA	KW	FLA
REYQ72PTJU	60	208/230	187	253	36.1	40	131	4.8 + 14.0	0.35 x 2	1.2 + 1.2
REYQ96PTJU	60	208/230	187	253	43.8	45	131	8.4 + 14.0	0.35 x 2	1.2 + 1.2
REYQ120PTJU	60	208/230	187	253	44.2	50	131	12.0 + 13.6	0.35 x 2	1.4 + 1.4
REYQ144PBTJ	60	208/230	187	253	72.2	80	-	14.3 + 14.3	0.75 x 2	2.0 + 2.0

The relationship between the starting time and the starting current:



NOTES:

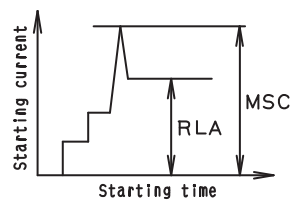
- RLA is based on the following conditions:
Outdoor temp: 95° FDB
- MSC means the maximum current during the starting of the compressor.
- Voltage range:
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below
- Maximum allowable voltage variation between phases is 2%.
- Select wire size based on the value of MCA.
- MOP is used to select the fuse, circuit breaker, or the ground fault circuit interrupter (ground leakage circuit breaker).

SYMBOLS:

- MCA: Minimum Circuit Amps. (A)
MOP: Maximum Overcurrent Protective Device (A) (See Note 6)
MSC: Maximum current when starting the compressor. (A)
RLA: Rate Load Amps (A)
OFM: Outdoor Fan Motor (A)
FLA: Full Load Amps (A)
KW: Fan Motor Rated Output

Model Name			Units				Power Supply		Comp.		OFM	
Combination Unit	Independent Units		Hz	Volts	Min	Max	MCA	MOP	MSC	RLA	KW	FLA
REYQ168PBTJ	REMQ72PBTJ	REMQ96PBTJ	60	208/ 230	187	253	28.8 + 36.1	40+50	137	14.2 + 7.8 + 16.8	0.75+0.75	1.2 + 1.6
REYQ192PBTJ	REMQ96PBTJ	REMQ96PBTJ	60	208/ 230	187	253	36.1 + 36.1	50+50	138	7.8 + 16.8 + 7.8 + 16.8	0.75+0.75	1.6 + 1.6
REYQ216PBTJ	REMQ96PBTJ	REMQ120PBTJ	60	208/ 230	187	253	36.1 + 41.3	50+60	154	7.8 + 16.8 + 12.2 + 16.8	0.75+0.75	1.6 + 2.0
REYQ240PBTJ	REMQ120PBTJ	REMQ120PBTJ	60	208/ 230	187	253	41.3 + 41.3	60+60	158	12.2 + 16.8 + 12.2 + 16.8	0.75+0.75	2.0+ 2.0

The relationship between the starting time and the starting current:



NOTES:

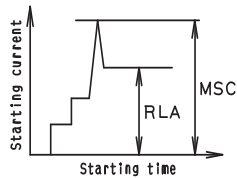
1. RLA is based on the following conditions:
 Indoor temp: 80° FDB / 67° FWB
 Outdoor temp: 95° FDB
2. MSC means the maximum current during the starting of the compressor.
3. Voltage range:
 Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
4. Maximum allowable voltage variation between phases is 2%.
5. Select wire size based on the value of MCA.
6. MOP is used to select the fuse, circuit breaker, or the ground fault circuit interrupter (ground leakage circuit breaker).

SYMBOLS:

- MCA: Minimum Circuit Amps. (A) tive
- MOP: Maximum Overcurrent Protective Device (A) (See Note 6)
- MSC: Maximum current when starting the compressor. (A)
- RLA: Rate Load Amps (A)
- OFM: Outdoor Fan Motor (A)
- FLA: Full Load Amps (A)
- KW: Fan Motor Rated Output

Model Name				Units				Power Supply		Comp.		OFM	
Combination Unit	Independent Units			Hz	Volts	Min	Max	MCA	MOP	MSC	RLA	KW	FLA
REYQ264PBTJ	REMQ72PBTJ	REMQ96PBTJ	REMQ96PBTJ	60	208/ 230	187	253	28.8 + 36.1 + 36.1	40+50 +50	165	14.2 + (7.8 + 16.8) x 2	0.75 x 3	1.2 + 1.6 + 1.6
REYQ288PBTJ	REMQ72PBTJ	REMQ96PBTJ	REMQ120PBTJ	60	208/ 230	187	253	28.8 + 36.1 + 41.3	40+50 +60	166	14.2 + 7.8 + 16.8 + 12.2 + 16.8	0.75 x 3	1.2 + 1.6 + 2.0
REYQ312PBTJ	REMQ96PBTJ	REMQ96PBTJ	REMQ120PBTJ	60	208/ 230	187	253	36.1 + 36.1 + 41.3	50+50 +60	183	(7.8 + 16.8) x 2 + (12.2 + 16.8)	0.75 x 3	1.6 + 1.6 + 2.0
REYQ336PBTJ	REMQ96PBTJ	REMQ120PBTJ	REMQ120PBTJ	60	208/ 230	187	253	36.1 + 41.3 + 41.3	50+60 +60	184	7.8 + 16.8 + (12.2+16.8) x 2	0.75 x 3	1.6 + 2.0 + 2.0

The relationship between the starting time and the starting current:



NOTES:

1. RLA is based on the following conditions:
 Indoor temp: 80° FDB / 67° FWB
 Outdoor temp: 95° FDB
2. MSC means the maximum current during the starting of the compressor.
3. Voltage range:
 Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
4. Maximum allowable voltage variation between phases is 2%.
5. Select wire size based on the value of MCA.
6. MOP is used to select the fuse, circuit breaker, or the ground fault circuit interrupter (ground leakage circuit breaker).

SYMBOLS:

- MCA: Minimum Circuit Amps. (A)
- MOP: Maximum Overcurrent Protective Device (A) (See Note 6)
- MSC: Maximum current when starting the compressor. (A)
- RLA: Rate Load Amps (A)
- OFM: Outdoor Fan Motor (A)
- FLA: Full Load Amps (A)
- KW: Fan Motor Rated Output

8. Capacity Tables (Reference Data)

8.1 Cooling Capacity (REYQ-P)

These tables are based on projection. Actual results may vary according to conditions of use.

REYQ72PTJU

Combination	Outdoor air temp.	Indoor air temp. °FWB																		Combination	Outdoor air temp.	Indoor air temp. °FWB																	
		57		61		64		67		70		72		75		57		61				64		67		70		72		75									
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			TC	PI	TC	PI	TC	PI	TC	PI										
%	*FDB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW												
130	23	60.7	1.75	73.9	2.19	83.7	2.53	93.6	2.87	101	3.11	103	3.05	104	3.00	104	3.00	42.0	1.20	51.1	1.46	58.0	1.67	64.8	1.89	71.6	2.11	76.2	2.26	83.0	2.50								
	30	60.7	1.81	73.9	2.26	83.7	2.61	93.6	2.97	99.0	3.08	100	3.02	102	2.92	102	2.92	42.0	1.23	51.1	1.50	58.0	1.72	64.8	1.95	71.6	2.18	76.2	2.34	83.0	2.58								
	40	60.7	1.90	73.9	2.37	83.7	2.74	93.6	3.11	95.8	3.04	97.0	2.97	98.9	2.87	98.9	2.87	42.0	1.28	51.1	1.57	58.0	1.80	64.8	2.04	71.6	2.29	76.2	2.45	83.0	2.71								
	50	60.7	1.99	73.9	2.49	83.7	2.88	90.7	3.09	92.5	2.99	93.8	2.92	95.6	2.82	95.6	2.82	42.0	1.34	51.1	1.65	58.0	1.89	64.8	2.14	71.6	2.40	76.2	2.58	83.0	2.85								
	54	60.7	2.03	73.9	2.54	83.7	2.94	89.4	3.08	91	2.97	92.5	2.90	94.3	2.85	94.3	2.85	42.0	1.36	51.1	1.68	58.0	1.93	64.8	2.19	71.6	2.45	76.2	2.63	83.0	2.91								
	58	60.7	2.07	73.9	2.60	83.7	3.00	88.1	3.06	89.9	2.99	91.2	3.00	93.0	3.03	93.0	3.03	42.0	1.39	51.1	1.71	58.0	1.97	64.8	2.23	71.6	2.51	76.2	2.69	83.0	2.97								
	62	60.7	2.12	73.9	2.65	83.7	3.07	86.8	3.14	88.6	3.17	89.9	3.18	91.7	3.21	91.7	3.21	42.0	1.42	51.1	1.75	58.0	2.01	64.8	2.28	71.6	2.56	76.2	2.75	83.0	3.04								
	66	60.7	2.16	73.9	2.74	83.7	3.29	85.5	3.32	87.3	3.34	88.6	3.36	90.4	3.39	90.4	3.39	42.0	1.45	51.1	1.78	58.0	2.05	64.8	2.33	71.6	2.62	76.2	2.86	83.0	3.25								
	70	60.7	2.24	73.9	2.96	82.3	3.46	84.2	3.49	86.0	3.52	87.2	3.54	89.1	3.57	89.1	3.57	42.0	1.47	51.1	1.82	58.0	2.10	64.8	2.45	71.6	2.83	76.2	3.10	82.2	3.46								
	72	60.7	2.32	73.9	3.08	81.7	3.55	83.1	3.58	85.4	3.61	86.6	3.63	88.4	3.66	88.4	3.66	42.0	1.49	51.1	1.84	58.0	2.18	64.8	2.54	71.6	2.94	76.2	3.22	81.5	3.55								
	75	60.7	2.46	73.9	3.26	80.7	3.68	82.5	3.71	84.4	3.74	85.6	3.77	87.5	3.80	87.5	3.80	42.0	1.52	51.1	1.94	58.0	2.30	64.8	2.69	71.6	3.11	76.2	3.41	80.6	3.68								
	79	60.7	2.64	73.9	3.51	79.4	3.86	81.2	3.89	83.1	3.92	84.3	3.95	86.2	3.98	86.2	3.98	42.0	1.63	51.1	2.09	58.0	2.48	64.8	2.90	71.6	3.35	76.2	3.68	79.3	3.86								
	83	60.7	2.84	73.9	3.78	78.1	4.04	79.9	4.07	81.8	4.11	83.0	4.13	84.9	4.16	84.9	4.16	42.0	1.74	51.1	2.24	58.0	2.66	64.8	3.12	71.6	3.61	76.2	3.96	78.0	4.03								
	87	60.7	3.05	73.9	4.07	76.8	4.21	78.6	4.25	80.5	4.29	81.7	4.31	83.6	4.35	83.6	4.35	42.0	1.86	51.1	2.40	58.0	2.86	64.8	3.35	71.6	3.88	75.4	4.18	76.7	4.21								
	91	60.7	3.28	73.9	4.35	75.5	4.39	77.3	4.43	79.2	4.47	80.4	4.50	82.1	4.53	82.1	4.53	42.0	1.99	51.1	2.58	58.0	3.07	64.8	3.60	71.6	4.18	76.2	4.36	75.4	4.39								
	93	60.7	3.39	73.0	4.44	74.8	4.48	76.7	4.52	78.5	4.56	79.8	4.59	80.5	4.60	80.5	4.60	42.0	2.06	51.1	2.67	58.0	3.17	64.8	3.73	71.6	4.33	74.4	4.45	74.7	4.48								
	95	60.7	3.51	72.4	4.53	74.2	4.57	76.0	4.61	77.9	4.65	78.8	4.68	80.9	4.68	80.9	4.68	42.0	2.13	51.1	2.76	58.0	3.29	64.8	3.86	71.6	4.48	72.8	4.54	74.1	4.57								
	99	60.7	3.77	71.1	4.71	72.9	4.77	74.7	4.79	76.6	4.82	77.7	4.82	79.5	4.82	79.5	4.82	42.0	2.27	51.1	2.95	58.0	3.52	64.8	4.14	70.6	4.70	71.5	4.72	72.8	4.75								
	103	60.7	4.04	69.7	4.88	71.6	4.93	73.4	4.95	75.2	4.95	76.5	4.95	78.2	4.95	78.2	4.95	42.0	2.43	51.1	3.16	58.0	3.77	64.8	4.44	69.3	4.87	70.2	4.89	71.5	4.93								
	106	60.7	4.31	68.8	5.09	70.0	5.12	70.1	5.12	70.1	5.12	70.1	5.12	70.1	5.12	70.1	5.12	70.1	5.12	42.0	2.58	51.1	3.37	58.0	4.02	64.8	4.74	68.4	5.07	69.2	5.10	70.1	5.12						
110	60.7	4.47	68.8	5.35	68.8	5.35	66.9	5.35	66.9	5.35	66.9	5.35	66.9	5.35	66.9	5.35	66.9	5.35	42.0	2.81	51.1	3.67	58.0	4.39	64.8	5.18	66.9	5.35	66.9	5.35	66.9	5.35							
115	57.6	5.39	57.7	5.40	57.9	5.41	58.0	5.41	58.1	5.42	58.2	5.42	58.3	5.43	58.3	5.43	58.3	5.43	42.0	3.11	51.1	4.08	57.9	5.41	58.0	5.41	58.1	5.42	58.2	5.42	58.3	5.43							
118	50.0	6.50	50.2	6.52	50.4	6.53	50.5	6.54	50.5	6.54	50.5	6.54	50.5	6.54	50.5	6.54	50.5	6.54	42.0	3.36	51.1	4.57	50.3	6.53	50.4	6.53	50.5	6.54	50.6	6.55	50.7	6.56							
122	39.9	3.46	40.1	3.47	40.2	3.47	40.3	3.48	40.3	3.48	40.5	3.49	40.5	3.49	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50	40.7	3.50							
120	23	56.1	1.61	68.2	2.00	77.3	2.30	86.4	2.62	95.5	2.94	101	3.12	103	3.04	103	3.04	42.0	1.07	45.5	1.29	51.5	1.47	57.6	1.66	63.7	1.85	67.7	1.98	73.8	2.18	78.0	2.25						
	30	56.1	1.66	68.2	2.06	77.3	2.38	86.4	2.71	95.5	3.04	98.7	3.10	100	3.01	100	3.01	42.0	1.14	45.5	1.33	51.5	1.51	57.6	1.71	63.7	1.91	67.7	2.04	73.8	2.25								
	40	56.1	1.73	68.2	2.16	77.3	2.50	86.4	2.84	94.3	3.12	95.4	3.06	97.1	2.97	97.1	2.97	42.0	1.19	45.5	1.39	51.5	1.58	57.6	1.79	63.7	2.00	67.7	2.14	73.8	2.36								
	50	56.1	1.82	68.2	2.27	77.3	2.62	86.4	2.99	91.0	3.07	92.2	3.01	93.9	2.92	93.9	2.92	42.0	1.24	45.5	1.45	51.5	1.66	57.6	1.88	63.7	2.10	67.7	2.25	73.8	2.49								
	54	56.1	1.86	68.2	2.32	77.3	2.68	86.4	3.05	89.7	3.06	90.9	2.99	92.6	2.89	92.6	2.89	42.0	1.27	45.5	1.48	51.5	1.69	57.6	1.91	63.7	2.14	67.7	2.30	73.8	2.54								
	58	56.1	1.90	68.2	2.37	77.3	2.74	86.4	3.11	88.4	3.04	89.6	2.98	91.3	2.91	91.3	2.91	42.0	1.29	45.5	1.51	51.5	1.73	57.6	1.95	63.7	2.19	67.7	2.35	73.8	2.59								
	62	56.1	1.94	68.2	2.42	77.3	2.80	85.4	3.12	87.1	3.15	88.3	3.16	90.0	3.18	90.0	3.18	42.0	1.26	45.5	1.54	51.5	1.76	57.6	1.99	63.7	2.24	67.7	2.40	73.8	2.63								
	66	56.1	1.98	68.2	2.47	77.3	2.86	84.4	3.10	85.8	3.32	87.0	3.34	88.7	3.36	88.7	3.36	42.0	1.28	45.5	1.57	51.5	1.80	57.6	2.03	63.7	2.28	67.7	2.45	73.8	2.75								
	70	56.1	2.02	68.2	2.53	77.3	3.17	82.8	3.47	84.5	3.50	85.7	3.52	87.4	3.54	87.4	3.54	42.0	1.31	45.5	1.60	51.5	1.84	57.6	2.08	63.7	2.39	67.7	2.61	73.8	2.85								
	72	56.1	2.08	68.2	2.74	77.3	3.29	82.2	3.56	83.9	3.59	85.0	3.60	86.7	3.63	86.7	3.63	42.0	1.32	45.5	1.62	51.5	1.86	57.6	2.16	63.7	2.48	67.7	2.71	73.8	3.05								
	75	56.1	2.20	68.2	2.90	77.3	3.49	81.2	3.69	82.9	3.72	84.0	3.74	85.7	3.77	85.7	3.77	42.0	1.34	45.5	1.67	51.5	1.96	57.6	2.28	63.7	2.63	67.7	2.87	73.8	3.25								
	79	56.1	2.37	68.2	3.12	77.3	3.76	79.9	3.87	81.6	3.90	82.7	3.92	84.4	3.95	84.4	3.95	42.0	1.41	45.5	1.79	51.5	2.11	57.6	2.46	63.7	2.83	67.7	3.09	73.8	3.51								
	83	56.1	2.54	68.2	3.36	76.9	4.01	78.6	4.05	80.3	4.08	81.4	4.10	83.1	4.13	83.1	4.13	42.0	1.51	45.5	1.92	51.5	2.27	57.6	2.64	63.7	3.04	67.7	3.32	73.8	3.78								
	87	56.1	2.73	68.2	3.61	75.6	4.19	77.3	4.22	79.0	4.26	80.1	4.28	81.8	4.31	81.8	4.31	42.0	1.61	45.5	2.06	51.5	2.43	57.6	2.83	63.7</													

REYQ96PTJU

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °FWB, and various capacity metrics (MBH, kW) for different indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and power inputs (TC, PI).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ120PTJU

Main capacity table with columns for Outdoor air temp, Indoor air temp, and various capacity metrics (TC, PI, MBH, kW) for different combinations and conditions.

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ144PBTJ

Main capacity table with columns for Outdoor air temp, Indoor air temp, and various capacity metrics (TC, PI, MBH, kW) for different combinations and fan speeds.

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ168PBTJ

Large data table with columns for Comb-nation, Outdoor air temp., Indoor air temp. °FWB, and various capacity values (TC, PI, MBH, kW) for different conditions. The table is organized into four main sections based on indoor air temperature ranges (57-75, 61-75, 64-75, 67-75) and is further divided into sub-sections for different outdoor air temperatures (130, 120, 110, 100).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ192PBTJ

Combination	Outdoor air temp.	Indoor air temp. °FWB																Combination	Outdoor air temp.	Indoor air temp. °FWB																				
		57				61				64				67						70				72				75				% FDB	TC	PI	TC	PI	TC	PI	TC	PI
		MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW			MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW									
130	23	162	6.06	197	7.55	223	8.72	250	9.91	270	10.7	273	10.5	278	10.2	23	112	4.13	136	5.03	155	5.75	173	6.51	191	7.28	203	7.81	221	8.63	239	9.47	257	10.21	275	10.95				
	30	162	6.25	197	7.79	223	9.00	250	10.2	264	10.6	267	10.4	272	10.1	30	112	4.24	136	5.19	155	5.93	173	6.71	191	7.52	203	8.07	221	8.91	239	9.65	257	10.39	275	11.13				
	40	162	6.54	197	8.18	223	9.45	250	10.7	255	10.5	259	10.3	264	9.91	40	112	4.42	136	5.42	155	6.21	173	7.04	191	7.99	203	8.47	221	9.35	239	10.09	257	10.87	275	11.65				
	50	162	6.87	197	8.60	223	9.94	242	10.7	247	10.3	250	10.1	255	9.72	50	112	4.62	136	5.68	155	6.52	173	7.39	191	8.29	203	8.91	221	9.84	239	10.58	257	11.36	275	12.12				
	54	162	7.01	197	8.78	223	10.1	238	10.6	243	10.3	247	10.0	251	9.83	54	112	4.71	136	5.79	155	6.65	173	7.55	191	8.47	203	9.09	221	10.0	239	10.78	257	11.56	275	12.34				
	58	162	7.16	197	8.96	223	10.4	235	10.6	240	10.3	243	10.0	248	10.4	58	112	4.80	136	5.91	155	6.79	173	7.71	191	8.65	203	9.29	221	10.3	239	10.86	257	11.83	275	12.56				
	62	162	7.31	197	9.16	223	10.6	231	10.8	236	10.0	240	9.7	245	11.1	62	112	4.89	136	6.03	155	6.94	173	7.87	191	8.84	203	9.49	221	10.5	239	11.09	257	12.07	275	12.78				
	66	162	7.47	197	9.44	223	11.4	228	11.4	233	11.5	236	11.6	241	11.7	66	112	4.99	136	6.16	155	7.09	173	8.05	191	9.03	203	9.88	221	11.2	239	11.8	257	12.3	275	13.0				
	70	162	7.72	197	10.2	220	12.0	224	12.1	229	12.2	233	12.2	238	12.3	70	112	5.09	136	6.29	155	7.24	173	8.45	191	9.76	203	10.7	221	11.6	239	12.5	257	13.2	275	13.3				
	72	162	8.02	197	10.6	218	12.3	223	12.4	228	12.5	231	12.5	236	12.6	72	112	5.14	136	6.36	155	7.52	173	8.78	191	10.1	203	11.1	217	12.3	239	12.7	257	13.4	275	13.4				
	75	162	8.48	197	11.2	215	12.7	220	12.8	225	12.9	228	13.0	233	13.1	75	112	5.23	136	6.51	155	7.95	173	9.29	191	10.7	203	11.8	215	12.7	239	12.9	257	13.5	275	13.6				
	79	162	9.12	197	12.1	212	13.3	217	13.4	222	13.5	225	13.6	230	13.7	79	112	5.61	136	7.21	155	8.55	173	10.0	191	11.6	203	12.7	211	13.3	239	13.0	257	13.9	275	13.9				
	83	162	9.81	197	13.1	208	13.9	213	14.0	218	14.2	221	14.3	226	14.4	83	112	6.01	136	7.74	155	9.19	173	10.8	191	12.5	203	13.7	208	13.9	239	13.5	257	14.1	275	14.1				
	87	162	10.5	197	14.0	205	14.5	210	14.7	215	14.8	218	14.9	223	15.0	87	112	6.43	136	8.30	155	9.86	173	11.6	191	13.4	201	14.4	204	14.5	239	13.8	257	14.2	275	14.2				
	91	162	11.3	196	15.0	201	15.2	206	15.3	211	15.4	214	15.5	219	15.6	91	112	6.88	136	8.89	155	10.6	173	12.4	191	14.4	198	15.1	201	15.1	239	14.0	257	14.3	275	14.3				
93	162	11.7	195	15.3	200	15.5	205	15.6	209	15.7	213	15.8	215	15.9	93	112	7.11	136	9.20	155	11.0	173	12.9	191	14.9	196	15.4	199	15.5	239	14.1	257	14.4	275	14.4					
95	162	12.1	193	15.6	198	15.8	203	15.9	208	16.1	210	16.1	210	16.1	95	112	7.35	136	9.52	155	11.3	173	13.3	191	15.5	194	15.7	197	15.8	239	14.2	257	14.5	275	14.5					
99	162	13.0	189	16.2	194	16.4	199	16.5	202	16.6	202	16.6	202	16.6	99	112	7.84	136	10.2	155	12.2	173	14.3	188	16.2	191	16.3	194	16.4	239	14.3	257	14.6	275	14.6					
103	162	13.9	186	16.9	191	17.0	193	17.1	193	17.1	193	17.1	193	17.1	103	112	8.37	136	10.9	155	13.0	173	15.3	185	16.8	187	16.9	191	17.0	239	14.4	257	14.7	275	14.7					
106	162	14.9	183	17.6	187	17.7	187	17.7	187	17.7	187	17.7	187	17.7	106	112	8.91	136	11.6	155	13.9	173	16.4	182	17.5	185	17.6	187	17.7	239	14.5	257	14.8	275	14.8					
110	162	16.2	178	18.5	178	18.5	178	18.5	178	18.5	178	18.5	178	18.5	110	112	9.69	136	12.7	155	15.2	173	17.9	178	18.5	178	18.5	178	18.5	239	14.6	257	14.9	275	14.9					
115	154	18.6	154	18.6	154	18.6	154	18.6	154	18.6	154	18.6	154	18.6	115	112	10.7	136	14.1	154	18.7	155	18.7	155	18.7	155	18.7	155	18.7	239	14.7	257	15.0	275	15.0					
118	133	15.8	134	15.8	134	15.8	134	15.8	135	15.8	135	15.9	135	15.9	118	112	11.4	134	15.8	134	15.8	134	15.8	135	15.8	135	15.9	135	15.9	239	14.7	257	15.1	275	15.1					
122	107	11.9	107	12.0	107	12.0	108	12.0	108	12.0	108	12.0	108	12.1	122	107	11.9	107	12.0	107	12.0	107	12.0	108	12.0	108	12.0	108	12.0	239	14.8	257	15.2	275	15.2					

TC: Total capacity ; MBH
 PI: Power Input ; kW (Comp.+Outdoor fan motor)
 Note1: is shown as reference.
 Note2: The above table shows the average value of conditions which may occur.

REYQ216PBTJ

Large data table with columns for Combination, Outdoor air temp., Indoor air temp. °FWB, and various capacity metrics (TC, PI, MBH, kW) for different conditions (57, 61, 64, 67, 70, 72, 75).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ240PBTJ

Large table with columns for Combination, Outdoor air temp., Indoor air temp. °FWB, and various capacity metrics (TC, PI, MBH, kW) for different indoor air temperatures (57, 61, 64, 67, 70, 72, 75) and outdoor air temperatures (23, 30, 40, 50, 54, 58, 62, 66, 70, 72, 75, 79, 83, 87, 91, 95, 99, 103, 106, 110, 115, 118, 122).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ264PBTJ

Table with columns: Combination, Outdoor air temp., Indoor air temp. °FWB (57, 61, 64, 67, 70, 72, 75), TC, PI, MBH, kW. Rows 130-199.

Table with columns: Combination, Outdoor air temp., Indoor air temp. °FWB (57, 61, 64, 67, 70, 72, 75), TC, PI, MBH, kW. Rows 200-269.

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ288PBTJ

Main capacity table with columns for Outdoor air temp., Indoor air temp. °FWB, and various capacity metrics (MBH, kW, PI, TC) for different combinations (23-122) and conditions (57-75).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ312PBTJ

Large table with columns for Combina-tion, Outdoor air temp., Indoor air temp. °FWB, and various capacity values (TC, PI, MBH, kW) for different conditions. The table is organized into sections for different capacity values (130, 120, 110, 100) and includes a legend for TC, PI, and Note1.

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.
Note2: The above table shows the average value of conditions which may occur.

REYQ336PBTJ

Combination	Outdoor air temp.	Indoor air temp. °FWB												Combination	Outdoor air temp.	Indoor air temp. °FWB																	
		57		61		64		67		70		72				75		57		61		64		67		70		72		75			
%	*FDB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	%	*FDB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	23	283	11.5	345	14.3	391	16.5	437	18.8	473	20.3	479	19.9	487	19.3	23	196	7.83	239	9.55	271	10.9	302	12.3	334	13.8	355	14.8	387	16.4			
	30	283	11.9	345	14.8	391	17.1	437	19.4	462	20.2	468	19.8	477	19.1	30	196	8.05	239	9.84	271	11.3	302	12.7	334	14.3	355	15.3	387	16.9			
	40	283	12.4	345	15.5	391	17.7	437	20.4	447	19.9	453	19.5	461	18.8	40	196	8.39	239	10.3	271	11.6	302	13.4	334	15.0	355	16.1	387	17.7			
	50	283	13.0	345	16.3	391	18.9	423	20.3	432	19.6	438	19.1	446	18.5	50	196	8.77	239	10.8	271	12.4	302	14.0	334	15.7	355	16.9	387	18.7			
	54	283	13.3	345	16.7	391	19.3	417	20.1	426	19.5	431	19.0	440	18.7	54	196	8.93	239	11.0	271	12.6	302	14.3	334	16.1	355	17.3	387	19.1			
	58	283	13.6	345	17.0	391	19.7	411	20.0	420	19.6	425	19.7	434	19.8	58	196	9.10	239	11.2	271	12.9	302	14.6	334	16.4	355	17.6	387	19.5			
	62	283	13.9	345	17.4	391	20.1	405	20.6	414	20.7	419	20.8	428	21.1	62	196	9.28	239	11.4	271	13.2	302	14.9	334	16.8	355	18.0	387	19.9			
	66	283	14.2	345	17.9	390	21.5	399	21.7	407	21.9	413	22.0	422	22.2	66	196	9.46	239	11.7	271	13.4	302	15.3	334	17.1	355	18.7	387	21.3			
	70	283	14.6	345	19.4	384	22.7	393	22.9	401	23.1	407	23.2	416	23.4	70	196	9.66	239	11.9	271	13.7	302	15.6	334	18.5	355	20.3	384	22.7			
	72	283	15.2	345	20.2	381	23.3	390	23.5	398	23.6	404	23.8	413	24.0	72	196	9.76	239	12.1	271	14.3	302	16.7	334	19.3	355	21.1	381	23.2			
	75	283	16.1	345	21.3	377	24.1	385	24.3	394	24.5	400	24.7	408	24.9	75	196	9.93	239	12.7	271	15.1	302	17.6	334	20.4	355	22.3	376	24.1			
	79	283	17.3	345	23.0	371	25.3	379	25.5	388	25.7	394	25.8	402	26.1	79	196	10.6	239	13.7	271	16.2	302	19.0	334	22.0	355	24.1	370	25.3			
83	283	18.6	345	24.8	364	26.4	373	26.7	382	26.9	387	27.0	396	27.3	83	196	11.4	239	14.7	271	17.4	302	20.4	334	23.7	355	25.9	364	26.4				
87	283	20.0	345	26.7	358	27.6	367	27.8	376	28.1	381	28.2	390	28.5	87	196	12.2	239	15.7	271	18.7	302	21.9	334	25.4	352	27.4	358	27.6				
91	283	21.5	344	28.5	352	28.8	361	29.0	370	29.3	375	29.4	383	29.7	91	196	13.0	239	16.9	271	20.1	302	23.6	334	27.3	346	28.6	352	28.7				
93	283	22.2	341	29.1	349	29.3	358	29.6	367	29.9	372	30.1	375	30.2	93	196	13.5	239	17.5	271	20.8	302	24.4	334	28.3	343	29.1	349	29.3				
95	283	23.0	338	29.7	346	29.9	355	30.2	363	30.5	368	30.6	368	30.6	95	196	13.9	239	18.1	271	21.5	302	25.3	334	29.4	340	29.7	346	29.9				
99	283	24.7	332	30.8	340	31.1	349	31.4	353	31.5	353	31.5	353	31.5	99	196	14.9	239	19.3	271	23.1	302	27.1	330	30.7	334	30.9	340	31.1				
103	283	26.4	325	32.0	334	32.3	338	32.4	338	32.4	338	32.4	338	32.4	103	196	15.9	239	20.7	271	24.7	302	29.1	324	31.9	328	33.1	333	32.3				
106	283	28.2	321	33.3	327	33.5	332	33.5	327	33.5	327	33.5	327	33.5	106	196	16.9	239	22.0	271	26.4	302	31.1	319	33.2	323	33.4	327	33.5				
110	283	30.8	312	35.0	312	35.1	312	35.1	312	35.1	312	35.1	312	35.1	110	196	18.4	239	24.0	271	28.8	302	33.9	312	35.1	312	35.1	312	35.1	312	35.1		
115	283	35.3	269	35.4	270	35.4	271	35.4	271	35.5	272	35.5	272	35.6	115	196	20.4	239	26.7	270	35.4	271	35.4	271	35.5	272	35.5	272	35.6				
118	283	39.9	234	29.9	235	30.0	235	30.0	236	30.1	236	30.1	237	30.1	118	196	21.7	234	29.9	235	30.0	236	30.0	236	30.1	236	30.1	237	30.1	237	30.1		
122	186	22.7	187	22.7	188	22.7	188	22.8	189	22.8	189	22.8	189	22.9	122	186	22.7	187	22.7	188	22.7	188	22.8	188	22.8	188	22.8	189	22.9	190	22.9		
23	262	10.5	318	13.1	361	15.1	403	17.1	446	19.3	471	20.5	479	19.9	23	174	7.00	212	8.46	240	9.63	269	10.8	297	12.1	316	13.0	344	14.3				
30	262	10.9	318	13.5	361	15.6	403	17.7	446	19.9	461	20.3	468	19.7	30	174	7.19	212	8.71	240	9.92	269	11.2	297	12.5	316	13.4	344	14.8				
40	262	11.4	318	14.2	361	16.3	403	18.6	440	20.4	445	20.0	453	19.4	40	174	7.48	212	9.09	240	10.2	269	11.7	297	13.1	316	14.0	344	15.5				
50	262	11.9	318	14.9	361	17.2	403	19.6	425	20.1	430	19.7	438	19.1	50	174	7.80	212	9.51	240	10.9	269	12.3	297	13.8	316	14.8	344	16.3				
54	262	12.2	318	15.2	361	17.5	403	20.0	419	20.0	424	19.6	432	19.0	54	174	7.94	212	9.69	240	11.1	269	12.5	297	14.0	316	15.1	344	16.6				
58	262	12.4	318	15.5	361	17.9	403	20.4	413	19.9	418	19.5	426	19.7	58	174	8.08	212	9.88	240	11.3	269	12.8	297	14.3	316	15.4	344	17.0				
62	262	12.7	318	15.8	361	18.3	399	20.5	407	20.6	412	20.7	420	20.8	62	174	8.23	212	10.1	240	11.5	269	13.1	297	14.6	316	15.7	344	17.4				
66	262	12.9	318	16.2	361	19.2	393	21.6	401	21.8	406	21.9	414	22.0	66	174	8.39	212	10.3	240	11.8	269	13.3	297	15.0	316	16.1	344	17.9				
70	262	13.2	318	17.3	361	20.7	387	22.7	394	22.9	400	23.0	407	23.2	70	174	8.55	212	10.6	240	12.0	269	13.6	297	15.6	316	16.4	344	18.3				
72	262	13.6	318	17.9	361	21.6	383	23.3	391	23.5	397	23.6	405	23.8	72	174	8.84	212	10.8	240	12.2	269	14.1	297	16.2	316	17.7	344	20.1				
75	262	14.4	318	19.0	361	22.8	379	24.2	387	24.4	392	24.5	400	24.7	75	174	8.77	212	10.9	240	12.9	269	14.9	297	17.2	316	18.8	344	21.3				
79	262	15.5	318	20.4	361	24.6	373	25.3	381	25.5	386	25.7	394	25.9	79	174	9.24	212	11.7	240	13.8	269	16.1	297	18.5	316	20.2	344	23.0				
83	262	16.6	318	22.0	359	26.3	367	26.5	375	26.7	380	26.8	388	27.1	83	174	9.89	212	12.6	240	14.8	269	17.3	297	19.9	316	21.8	344	24.7				
87	262	17.9	318	23.7	353	27.4	361	27.7	369	27.9	374	28.0	382	28.3	87	174	10.6	212	13.5	240	15.9	269	18.5	297	21.4	316	23.4	344	26.6				
91	262	19.1	318	25.4	347	28.6	355	28.8	363	29.1	368	29.2	376	29.5	91	174	11.3	212	14.4	240	17.0	269	19.9	297	23.0	316	25.1	344	28.5				
93	262	19.8	318	26.3	344	29.2	352	29.4	360	29.7	365	29.8	373	30.1	93	174	11.7	212	14.9	240	17.6	269	20.6	297	23.8	316	26.1	341	29.1				
95	262	20.5	318	27.3	341	29.7																											

8.2 Heating Capacity (REYQ-P)

REYQ72PTJU

Combi- nation	Outdoor air temp.		Indoor air temp. °FDB																						
			65				68				70				72				75						
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
%	*FDB	*FWB	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	
130	-3.64	-4.0	70.0	5.54	69.8	5.81	69.6	6.01	69.5	6.15	69.4	6.28	69.2	6.48											
	-1.84	-2.2	70.4	5.57	70.2	5.84	70.0	6.04	69.9	6.17	69.8	6.31	69.6	6.51											
	9.5	5.0	72.7	5.71	72.5	5.87	72.3	6.17	72.2	6.30	72.1	6.42	71.9	6.82											
	13.0	12.0	76.0	5.90	75.8	6.15	75.6	6.33	75.5	6.46	75.4	6.58	75.2	6.77											
	15.0	14.0	77.1	5.96	76.9	6.20	76.7	6.39	76.6	6.51	76.5	6.63	76.3	6.81											
	17.0	15.5	78.0	6.01	77.8	6.25	77.6	6.43	77.5	6.55	77.4	6.67	77.2	6.85											
	19.0	18.0	79.6	6.09	79.4	6.32	79.2	6.50	79.1	6.62	79.0	6.74	78.8	6.91											
	22.0	20.0	81.0	6.16	80.8	6.39	80.6	6.56	80.5	6.68	80.4	6.79	80.2	6.96											
	26.0	24.0	84.0	6.29	83.8	6.52	83.6	6.68	83.5	6.79	83.4	6.90	83.2	7.07											
	30.0	28.0	87.3	6.43	87.1	6.65	86.9	6.81	86.8	6.91	86.7	7.02	86.5	7.18											
	35.0	32.0	91.0	6.58	90.7	6.78	90.6	6.93	90.5	7.04	90.4	7.14	90.2	7.29											
	39.0	36.0	95.0	6.72	94.7	6.91	94.6	7.06	94.5	7.16	94.3	7.26	94.2	7.40											
	44.0	40.0	99.3	6.86	99.0	7.05	98.9	7.19	98.8	7.28	98.7	7.37	98.6	7.46											
	47.0	43.0	103	6.96	103	7.14	102	7.28	102	7.37	101	7.38	95.6	6.85											
	51.0	47.0	108	7.10	107	7.27	107	7.40	105	7.28	101	6.95	95.6	6.45											
	54.0	50.0	112	7.20	111	7.37	109	7.28	105	6.96	101	6.64	95.6	6.17											
57.0	53.0	116	7.30	115	7.42	109	6.95	105	6.64	101	6.34	95.6	5.90												
60.0	56.0	120	7.39	115	7.48	109	6.64	105	6.35	101	6.06	95.6	5.64												

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: ■ is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ96PTJU

Main data table with columns for Combination, Outdoor air temp., Indoor air temp. °FDB, and Capacity/Power values. Includes sub-tables for 130, 120, 110, and 100 units.

TC: Total capacity ; MBH
Pl: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ120PTJU

Combination	Outdoor air temp.		Indoor air temp. °FDB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			61				65				68				72				75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
130	%	°FDB	°FWB	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	-3.64	-4.0	78.2	4.65	77.8	5.29	77.6	5.78	77.4	6.10	77.2	6.42	76.9	6.90	76.5	7.05	76.1	7.37	75.7	7.69	75.3	7.97	74.9	8.25	74.5	8.53	74.1	8.79	73.7	9.05	73.3	9.31	72.9	9.57	72.5	9.83	72.1	10.09	71.7	10.35	71.3	10.61	70.9	10.87	70.5	11.13	70.1	11.39	69.7	11.65	69.3	11.91	68.9	12.17	68.5	12.43	68.1	12.69	67.7	12.95	67.3	13.21	66.9	13.47	66.5	13.73	66.1	13.99	65.7	14.25	65.3	14.51	64.9	14.77	64.5	15.03	64.1	15.29	63.7	15.55	63.3	15.81	62.9	16.07	62.5	16.33	62.1	16.59	61.7	16.85	61.3	17.11	60.9	17.37	60.5	17.63	60.1	17.89	59.7	18.15	59.3	18.41	58.9	18.67	58.5	18.93	58.1	19.19	57.7	19.45	57.3	19.71	56.9	19.97	56.5	20.23	56.1	20.49	55.7	20.75	55.3	21.01	54.9	21.27	54.5	21.53	54.1	21.79	53.7	22.05	53.3	22.31	52.9	22.57	52.5	22.83	52.1	23.09	51.7	23.35	51.3	23.61	50.9	23.87	50.5	24.13	50.1	24.39	49.7	24.65	49.3	24.91	48.9	25.17	48.5	25.43	48.1	25.69	47.7	25.95	47.3	26.21	46.9	26.47	46.5	26.73	46.1	26.99	45.7	27.25	45.3	27.51	44.9	27.77	44.5	28.03	44.1	28.29	43.7	28.55	43.3	28.81	42.9	29.07	42.5	29.33	42.1	29.59	41.7	29.85	41.3	30.11	40.9	30.37	40.5	30.63	40.1	30.89	39.7	31.15	39.3	31.41	38.9	31.67	38.5	31.93	38.1	32.19	37.7	32.45	37.3	32.71	36.9	32.97	36.5	33.23	36.1	33.49	35.7	33.75	35.3	34.01	34.9	34.27	34.5	34.53	34.1	34.79	33.7	35.05	33.3	35.31	32.9	35.57	32.5	35.83	32.1	36.09	31.7	36.35	31.3	36.61	30.9	36.87	30.5	37.13	30.1	37.39	29.7	37.65	29.3	37.91	28.9	38.17	28.5	38.43	28.1	38.69	27.7	38.95	27.3	39.21	26.9	39.47	26.5	39.73	26.1	39.99	25.7	40.25	25.3	40.51	24.9	40.77	24.5	41.03	24.1	41.29	23.7	41.55	23.3	41.81	22.9	42.07	22.5	42.33	22.1	42.59	21.7	42.85	21.3	43.11	20.9	43.37	20.5	43.63	20.1	43.89	19.7	44.15	19.3	44.41	18.9	44.67	18.5	44.93	18.1	45.19	17.7	45.45	17.3	45.71	16.9	45.97	16.5	46.23	16.1	46.49	15.7	46.75	15.3	47.01	14.9	47.27	14.5	47.53	14.1	47.79	13.7	48.05	13.3	48.31	12.9	48.57	12.5	48.83	12.1	49.09	11.7	49.35	11.3	49.61	10.9	49.87	10.5	50.13	10.1	50.39	9.7	50.65	9.3	50.91	8.9	51.17	8.5	51.43	8.1	51.69	7.7	51.95	7.3	52.21	6.9	52.47	6.5	52.73	6.1	52.99	5.7	53.25	5.3	53.51	4.9	53.77	4.5	54.03	4.1	54.29	3.7	54.55	3.3	54.81	2.9	55.07	2.5	55.33	2.1	55.59	1.7	55.85	1.3	56.11	0.9	56.37	0.5	56.63	0.1	56.89	-0.3	57.15	-0.7	57.41	-1.1	57.67	-1.5	57.93	-1.9	58.19	-2.3	58.45	-2.7	58.71	-3.1	58.97	-3.5	59.23	-3.9	59.49	-4.3	59.75	-4.7	60.01	-5.1	60.27	-5.5	60.53	-5.9	60.79	-6.3	61.05	-6.7	61.31	-7.1	61.57	-7.5	61.83	-7.9	62.09	-8.3	62.35	-8.7	62.61	-9.1	62.87	-9.5	63.13	-9.9	63.39	-10.3	63.65	-10.7	63.91	-11.1	64.17	-11.5	64.43	-11.9	64.69	-12.3	64.95	-12.7	65.21	-13.1	65.47	-13.5	65.73	-13.9	65.99	-14.3	66.25	-14.7	66.51	-15.1	66.77	-15.5	67.03	-15.9	67.29	-16.3	67.55	-16.7	67.81	-17.1	68.07	-17.5	68.33	-17.9	68.59	-18.3	68.85	-18.7	69.11	-19.1	69.37	-19.5	69.63	-19.9	69.89	-20.3	70.15	-20.7	70.41	-21.1	70.67	-21.5	70.93	-21.9	71.19	-22.3	71.45	-22.7	71.71	-23.1	71.97	-23.5	72.23	-23.9	72.49	-24.3	72.75	-24.7	73.01	-25.1	73.27	-25.5	73.53	-25.9	73.79	-26.3	74.05	-26.7	74.31	-27.1	74.57	-27.5	74.83	-27.9	75.09	-28.3	75.35	-28.7	75.61	-29.1	75.87	-29.5	76.13	-29.9	76.39	-30.3	76.65	-30.7	76.91	-31.1	77.17	-31.5	77.43	-31.9	77.69	-32.3	77.95	-32.7	78.21	-33.1	78.47	-33.5	78.73	-33.9	78.99	-34.3	79.25	-34.7	79.51	-35.1	79.77	-35.5	80.03	-35.9	80.29	-36.3	80.55	-36.7	80.81	-37.1	81.07	-37.5	81.33	-37.9	81.59	-38.3	81.85	-38.7	82.11	-39.1	82.37	-39.5	82.63	-39.9	82.89	-40.3	83.15	-40.7	83.41	-41.1	83.67	-41.5	83.93	-41.9	84.19	-42.3	84.45	-42.7	84.71	-43.1	84.97	-43.5	85.23	-43.9	85.49	-44.3	85.75	-44.7	86.01	-45.1	86.27	-45.5	86.53	-45.9	86.79	-46.3	87.05	-46.7	87.31	-47.1	87.57	-47.5	87.83	-47.9	88.09	-48.3	88.35	-48.7	88.61	-49.1	88.87	-49.5	89.13	-49.9	89.39	-50.3	89.65	-50.7	89.91	-51.1	90.17	-51.5	90.43	-51.9	90.69	-52.3	90.95	-52.7	91.21	-53.1	91.47	-53.5	91.73	-53.9	91.99	-54.3	92.25	-54.7	92.51	-55.1	92.77	-55.5	93.03	-55.9	93.29	-56.3	93.55	-56.7	93.81	-57.1	94.07	-57.5	94.33	-57.9	94.59	-58.3	94.85	-58.7	95.11	-59.1	95.37	-59.5	95.63	-59.9	95.89	-60.3	96.15	-60.7	96.41	-61.1	96.67	-61.5	96.93	-61.9	97.19	-62.3	97.45	-62.7	97.71	-63.1	97.97	-63.5	98.23	-63.9	98.49	-64.3	98.75	-64.7	99.01	-65.1	99.27	-65.5	99.53	-65.9	99.79	-66.3	100.05	-66.7	100.31	-67.1	100.57	-67.5	100.83	-67.9	101.09	-68.3	101.35	-68.7	101.61	-69.1	101.87	-69.5	102.13	-69.9	102.39	-70.3	102.65	-70.7	102.91	-71.1	103.17	-71.5	103.43	-71.9	103.69	-72.3	103.95	-72.7	104.21	-73.1	104.47	-73.5	104.73	-73.9	104.99	-74.3	105.25	-74.7	105.51	-75.1	105.77	-75.5	106.03	-75.9	106.29	-76.3	106.55	-76.7	106.81	-77.1	107.07	-77.5	107.33	-77.9	107.59	-78.3	107.85	-78.7	108.11	-79.1	108.37	-79.5	108.63	-79.9	108.89	-80.3	109.15	-80.7	109.41	-81.1	109.67	-81.5	109.93	-81.9	110.19	-82.3	110.45	-82.7	110.71	-83.1	110.97	-83.5	111.23	-83.9	111.49	-84.3	111.75	-84.7	112.01	-85.1	112.27	-85.5	112.53	-85.9	112.79	-86.3	113.05	-86.7	113.31	-87.1	113.57	-87.5	113.83	-87.9	114.09	-88.3	114.35	-88.7	114.61	-89.1	114.87	-89.5	115.13	-89.9	115.39	-90.3	115.65	-90.7	115.91	-91.1	116.17	-91.5	116.43	-91.9	116.69	-92.3	116.95	-92.7	117.21	-93.1	117.47	-93.5	117.73	-93.9	117.99	-94.3	118.25	-94.7	118.51	-95.1	118.77	-95.5	119.03	-95.9	119.29	-96.3	119.55	-96.7	119.81	-97.1	120.07	-97.5	120.33	-97.9	120.59	-98.3	120.85	-98.7	121.11	-99.1	121.37	-99.5	121.63	-99.9	121.89	-100.3	122.15	-100.7	122.41	-101.1	122.67	-101.5	122.93	-101.9	123.19	-102.3	123.45	-102.7	123.71	-103.1	123.97	-103.5	124.23	-103.9	124.49	-104.3	124.75	-104.7	125.01	-105.1	125.27	-105.5	125.53	-105.9	125.79	-106.3	126.05	-106.7	126.31	-107.1	126.57	-107.5	126.83	-107.9	127.09	-108.3	127.35	-108.7	127.61	-109.1	127.87	-109.5	128.13	-109.9	128.39	-110.3	128.65	-110.7	128.91	-111.1	129.17	-111.5	129.43	-111.9	129.69	-112.3	129.95	-112.7	130.21	-113.1	130.47	-113.5	130.73	-113.9	130.99	-114.3	131.25	-114.7	131.51	-115.1	131.77	-115.5	132.03	-115.9	132.29	-116.3	132.55	-116.7	132.81	-117.1	133.07	-117.5	133.33	-117.9	133.59	-118.3	133.85	-118.7	134.11	-119.1	134.37	-119.5	134.63	-119.9	134.89	-120.3	135.15	-120.7	135.41	-121.1	135.67	-121.5	135.93	-121.9	136.19	-122.3	136.45	-122.7	136.71	-123.1	136.97	-123.5	137.23	-123.9	137.49	-124.3	137.75	-124.7	138.01	-125.1	138.27	-125.5	138.53	-125.9	138.79	-126.3	139.05	-126.7	139.31	-127.1	139.57	-127.5	139.83	-127.9	140.09	-128.3	140.35	-128.7	140.61	-129.1	140.87	-129.5	141.13	-129.9	141.39	-130.3	141.65	-130.7	141.91	-131.1	142.17	-131.5	142.43	-131.9	142.69	-132.3	142.95	-132.7	143.21	-133.1	143.47	-133.5	143.73	-133.9	143.99	-134.3	144.25	-134.7	144.51	-135.1	144.77	-135.5	145.03	-135.9	145.29	-136.3	145.55	-136.7	145.81	-137.1	146.07	-137.5	146.33	-137.9	146.59	-138.3	146.85	-138.7	147.11	-139.1	147.37	-139.5	147.63	-139.9	147.89	-140.3	148.15	-140.7	148.41	-141.1	148.67	-141.5	148.93	-141.9	149.19	-142.3	149.45	-142.7	149.71	-143.1	149.97	-143.5	150.23	-143.9	150.49	-144.3	150.75	-144.7	151.01	-145.1	151.27	-145.5	151.53	-145.9	151.79	-146.3	152.05	-146.7	152.31	-147.1	152.57	-147.5	152.83	-147.9	153.09	-148.3	153.35	-148.7	153.61	-149.1	153.87	-149.5	154.13	-149.9	154.39	-150.3	154.65	-150.7	154.91	-151.1	155.17	-151.5	155.43	-151.9	155.69	-152.3	155.95	-152.7	156.21	-153.1	156.47	-153.5	156.73	-153.9	156.99	-154.3	157.25	-154.7	157.51	-155.1	157.77	-155.5	158.03	-155.9	158.29	-156.3	158.55	-156.7	158.81	-157.1	159.07	-157.5	159.33	-157.9	159.59	-158.3	159.85	-158.7	160.11	-159.1	160.37	-159.5	160.63	-159.9	160.89	-160.3	161.15	-160.7	161.41	-161.1	

REYQ144PBTJ

Large data table with columns for Combination, Outdoor air temp., Indoor air temp. °FDB, and Capacity (TC, PI) in MBH and kW. Rows are categorized by combination percentage (130, 120, 110, 100) and outdoor air temperature (90, 80, 70, 60).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.
Note2: The above table shows the average value of conditions which may occur.

REYQ192PBTJ

Main data table with columns for Outdoor air temp., Indoor air temp. °FDB (61, 65, 68, 70, 72, 75), and rows for combinations 130, 120, 110, and 100. Each combination has multiple rows for different conditions.

TC: Total capacity ; MBH

Pl: Power Input ; kW (Comp.+Outdoor fan motor)

Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ216PBTJ

Combination	Outdoor air temp.	Indoor air temp. °FDB														
		61		65		68		70		72		75				
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI			
%	*FDB	*FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
130	-3.64	-4.0	156	13.0	155	14.2	155	15.0	155	15.6	154	16.2	154	17.0	17.3	17.3
	-1.84	-2.2	159	13.4	158	14.5	158	15.3	157	15.9	157	16.4	156	17.3	17.3	17.3
	9.5	5.0	171	14.7	171	15.8	170	16.5	170	17.1	170	17.6	169	18.3	18.3	18.3
	13.0	12.0	186	16.1	186	17.1	185	17.8	185	18.3	185	18.7	184	19.4	19.4	19.4
	15.0	14.0	191	16.5	191	17.5	190	18.1	190	18.6	190	19.1	189	19.8	19.8	19.8
	17.0	15.5	195	16.8	194	17.7	194	18.4	194	18.9	193	19.3	193	20.0	20.0	20.0
	19.0	18.0	202	17.3	201	18.2	201	18.9	200	19.3	200	19.7	200	20.4	20.4	20.4
	22.0	20.0	207	17.7	207	18.6	206	19.2	206	19.6	206	20.0	205	20.7	20.7	20.7
	30.0	24.0	219	18.5	218	19.3	218	19.9	218	20.3	217	20.7	217	21.3	21.3	21.3
	35.0	32.0	246	19.9	245	20.6	244	21.1	244	21.5	244	21.8	243	22.4	22.4	22.4
	39.0	36.0	260	20.5	259	21.2	259	21.7	259	22.0	258	22.4	258	22.9	22.9	22.9
	44.0	40.0	276	21.2	275	21.8	274	22.3	274	22.6	274	22.9	273	23.4	23.4	23.4
	47.0	43.0	288	21.6	287	22.2	287	22.7	286	23.0	286	23.3	286	23.7	23.7	23.7
51.0	47.0	305	22.2	304	22.7	304	23.1	304	23.4	303	23.7	287	22.2	22.2	22.2	
54.0	50.0	318	22.6	318	23.1	317	23.5	316	23.6	304	22.6	287	21.0	287	21.0	
57.0	53.0	332	22.9	332	23.4	328	23.8	316	22.4	304	21.4	287	19.9	287	19.9	
60.0	56.0	347	23.3	345	23.7	328	22.2	316	21.2	304	20.3	287	18.1	287	18.1	
120	-3.64	-4.0	155	14.4	155	15.5	154	16.2	154	16.8	154	17.3	153	18.1	18.1	18.1
	-1.84	-2.2	158	14.7	157	15.7	157	16.5	157	17.0	156	17.5	156	18.3	18.3	18.3
	9.5	5.0	171	16.0	170	16.9	169	17.7	169	18.1	169	18.6	168	19.3	19.3	19.3
	13.0	12.0	186	17.3	185	18.2	185	18.8	184	19.2	184	19.7	184	20.3	20.3	20.3
	15.0	14.0	191	17.7	190	18.5	190	19.1	189	19.6	189	20.0	188	20.6	20.6	20.6
	17.0	15.5	194	17.9	194	18.8	193	19.4	193	19.8	193	20.2	192	20.8	20.8	20.8
	19.0	18.0	201	18.4	200	19.2	200	19.8	200	20.2	199	20.6	199	21.2	21.2	21.2
	22.0	20.0	207	18.7	206	19.5	205	20.1	205	20.5	205	20.9	204	21.5	21.5	21.5
	30.0	24.0	218	19.4	218	20.2	217	20.7	217	21.1	217	21.5	216	22.0	22.0	22.0
	35.0	32.0	231	20.1	230	20.8	230	21.3	230	21.7	229	22.0	229	22.5	22.5	22.5
	39.0	36.0	245	20.7	244	21.4	244	21.9	243	22.2	243	22.5	243	23.0	23.0	23.0
	44.0	40.0	259	21.4	259	22.0	258	22.4	258	22.7	258	23.0	257	23.5	23.5	23.5
	47.0	43.0	287	22.3	286	22.9	286	23.3	286	23.6	281	23.2	265	21.6	265	21.6
51.0	47.0	304	22.8	304	23.4	302	23.7	292	22.6	281	21.6	265	20.1	265	20.1	
54.0	50.0	318	23.2	317	23.7	302	22.4	292	21.4	281	20.5	265	19.1	265	19.1	
57.0	53.0	332	23.6	319	22.6	302	21.2	292	20.3	281	19.4	265	18.1	265	18.1	
60.0	56.0	340	23.2	319	21.4	302	20.1	292	19.3	281	18.4	265	17.2	265	17.2	
110	-3.64	-4.0	154	15.8	154	16.7	153	17.5	153	17.9	153	18.4	153	19.2	19.2	19.2
	-1.84	-2.2	157	16.1	157	17.0	156	17.7	156	18.2	156	18.7	155	19.4	19.4	19.4
	9.5	5.0	170	17.2	169	18.1	169	18.8	169	19.2	168	19.6	168	20.3	20.3	20.3
	13.0	12.0	185	18.4	184	19.2	184	19.8	184	20.2	183	20.6	183	21.1	21.1	21.1
	15.0	14.0	190	18.8	189	19.5	189	20.1	189	20.5	188	20.9	188	21.5	21.5	21.5
	17.0	15.5	194	19.0	193	19.8	193	20.3	192	20.7	192	21.1	192	21.7	21.7	21.7
	19.0	18.0	200	19.4	200	20.2	199	20.7	199	21.1	199	21.5	198	22.0	22.0	22.0
	22.0	20.0	206	19.8	205	20.5	205	21.0	205	21.4	204	21.7	204	22.3	22.3	22.3
	30.0	24.0	218	20.4	217	21.1	217	21.6	216	21.9	216	22.3	216	22.8	22.8	22.8
	35.0	32.0	230	21.0	230	21.7	229	22.1	229	22.4	229	22.8	228	23.2	23.2	23.2
	39.0	36.0	244	21.6	243	22.2	243	22.7	243	22.9	242	23.2	242	23.7	23.7	23.7
	44.0	40.0	259	22.2	258	22.7	258	23.1	257	23.4	257	23.7	243	22.1	243	22.1
	47.0	43.0	274	22.7	274	23.2	273	23.6	267	23.1	257	22.1	243	20.5	243	20.5
51.0	47.0	303	23.5	292	22.7	277	21.3	267	20.3	257	19.4	243	18.1	243	18.1	
54.0	50.0	312	23.3	292	21.5	277	20.1	267	19.3	257	18.4	243	17.2	243	17.2	
57.0	53.0	322	22.9	292	20.3	277	19.1	267	18.3	257	17.5	243	16.3	243	16.3	
60.0	56.0	312	20.9	292	19.3	277	18.1	267	17.4	257	16.6	243	15.5	243	15.5	
100	-3.64	-4.0	154	17.2	153	18.0	153	18.7	153	19.1	152	19.6	152	20.2	20.2	20.2
	-1.84	-2.2	156	17.4	156	18.3	155	18.9	155	19.3	155	19.8	155	20.4	20.4	20.4
	9.5	5.0	169	18.5	168	19.3	168	19.9	168	20.3	168	20.7	167	21.3	21.3	21.3
	13.0	12.0	184	19.6	184	20.4	183	20.8	183	21.2	183	21.6	182	22.1	22.1	22.1
	15.0	14.0	189	19.9	189	20.6	188	21.1	188	21.5	188	21.8	187	22.3	22.3	22.3
	17.0	15.5	193	20.1	192	20.8	192	21.3	192	21.7	191	22.0	191	22.5	22.5	22.5
	19.0	18.0	199	20.5	199	21.2	199	21.7	198	22.0	198	22.3	198	22.8	22.8	22.8
	22.0	20.0	205	20.8	204	21.4	204	21.9	204	22.2	204	22.6	203	23.1	23.1	23.1
	30.0	24.0	217	21.4	216	22.0	216	22.4	216	22.7	215	23.1	215	23.5	23.5	23.5
	35.0	32.0	230	21.9	229	22.5	229	22.9	228	23.2	228	23.5	221	22.7	22.7	22.7
	39.0	36.0	243	22.5	243	23.0	242	23.4	242	23.7	234	22.7	221	21.1	221	21.1
	44.0	40.0	258	23.0	257	23.5	252	23.1	243	22.1	234	21.1	221	19.7	221	19.7
	47.0	43.0	273	23.4	265	22.9	252	21.5	243	20.6	234	19.7	221	18.3	221	18.3
51.0	47.0	283	23.5	265	21.7	252	20.4	243	19.5	234	18.6	221	17.4	221	17.4	
54.0	50.0	283	20.7	265	19.1	252	18.0	243	17.2	234	16.5	221	15.4	221	15.4	
57.0	53.0	283	19.6	265	18.2	252	17.1	243	16.4	234	15.7	221	14.7	221	14.7	
60.0	56.0	283	18.6	265	17.3	252	16.2	243	15.6	234	14.9	221	14.0	221	14.0	
90	-3.64	-4.0	153	18.5	152	19.3	152	19.9	152	20.6	151	21.1	151	21.8	21.8	21.8
	-1.84	-2.2	155	18.8	155	19.5	154	20.1	154	20.8	154	21.3	154	22.1	22.1	22.1
	9.5	5.0	167	19.7	167	20.4	167	21.1	167	21.6	167	22.1	167	22.4	22.4	22.4
	13.0	12.0	183	20.7	183	21.4	183	22.1	182	22.4	182	22.9	182	23.2	23.2	23.2
	15.0	14.0	188	21.0	188	21.7	188	22.4	187	22.7	187	23.1	187	23.4	23.4	23.4
	17.0	15.5	191	21.2	191	21.9	191	22.6	191							

REYQ240PBTJ

Combi- nation	Outdoor air temp.	Indoor air temp. °FDB															
		61		65		68		70		72		75					
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI				
	%	*FDB	*FWB	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW	MBH	KW
130	-3.64	-4.0	165	12.9	165	14.2	165	15.1	165	15.8	164	16.4	164	17.4			
	-1.84	-2.2	169	13.3	168	14.5	168	15.5	167	16.1	167	16.7	167	17.7			
	9.5	5.0	183	14.8	182	16.0	181	16.9	181	17.5	181	18.0	180	18.9			
	13.0	12.0	199	16.4	198	17.5	197	18.3	197	18.8	197	19.3	196	20.1			
	15.0	14.0	204	16.9	203	17.9	203	18.7	202	19.2	202	19.7	201	20.5			
	17.0	15.5	208	17.2	207	18.2	207	19.0	206	19.5	206	20.0	205	20.8			
	19.0	18.0	215	17.8	214	18.7	214	19.5	213	20.0	213	20.5	212	21.2			
	22.0	20.0	221	18.2	220	19.1	220	19.9	219	20.3	219	20.8	218	21.5			
	26.0	24.0	233	19.0	233	19.9	232	20.6	232	21.1	231	21.5	231	22.2			
	30.0	28.0	247	19.9	246	20.7	246	21.3	245	21.8	245	22.2	244	22.8			
	35.0	32.0	261	20.6	261	21.4	260	22.0	260	22.4	259	22.8	259	23.4			
	39.0	36.0	277	21.4	276	22.1	276	22.7	275	23.1	275	23.4	274	24.0			
	44.0	40.0	293	22.1	293	22.8	292	23.3	292	23.7	291	24.0	291	24.6			
	47.0	43.0	306	22.6	306	23.3	305	23.8	305	24.1	304	24.4	304	24.9			
	51.0	47.0	325	23.2	324	23.8	323	24.3	323	24.6	323	25.0	319	25.0			
	54.0	50.0	339	23.6	338	24.3	338	24.7	337	25.0	337	25.3	319	25.7			
57.0	53.0	354	24.1	353	24.6	352	25.1	351	25.3	338	24.1	319	25.4				
60.0	56.0	369	24.5	368	25.0	364	25.0	351	23.9	338	22.9	319	21.3				
120	-3.64	-4.0	165	14.5	165	15.6	164	16.5	164	17.1	164	17.7	163	18.6			
	-1.84	-2.2	168	14.8	168	16.0	167	16.8	167	17.4	166	18.0	166	18.9			
	9.5	5.0	182	16.2	181	17.3	180	18.1	180	18.7	180	19.2	179	20.0			
	13.0	12.0	198	17.7	197	18.7	197	19.4	196	19.9	196	20.4	195	21.1			
	15.0	14.0	203	18.1	202	19.1	202	19.8	201	20.3	201	20.7	201	21.5			
	17.0	15.5	207	18.4	206	19.4	206	20.1	205	20.5	205	21.0	205	21.7			
	19.0	18.0	214	18.9	213	19.8	213	20.5	213	21.0	212	21.4	212	22.1			
	22.0	20.0	220	19.4	219	20.2	219	20.9	218	21.3	218	21.8	218	22.4			
	26.0	24.0	232	20.1	232	21.0	231	21.6	231	22.0	231	22.4	230	23.0			
	30.0	28.0	246	20.9	245	21.7	245	22.3	244	22.6	244	23.0	244	23.6			
	35.0	32.0	260	21.6	260	22.3	259	22.9	259	23.3	259	23.6	258	24.2			
	39.0	36.0	276	22.3	275	23.0	275	23.5	275	23.9	274	24.2	274	24.7			
	44.0	40.0	292	22.9	292	23.6	291	24.1	291	24.4	291	24.7	290	25.2			
	47.0	43.0	305	23.4	305	24.0	304	24.5	304	24.8	304	25.1	294	24.4			
	51.0	47.0	324	24.0	323	24.6	323	25.0	322	25.3	312	24.4	294	22.7			
	54.0	50.0	338	24.4	337	24.9	336	25.3	324	24.2	312	23.1	294	21.5			
57.0	53.0	353	24.8	352	25.3	336	23.9	324	22.9	312	21.9	294	20.4				
60.0	56.0	368	25.1	354	24.2	336	22.7	324	21.7	312	20.8	294	19.4				
110	-3.64	-4.0	164	16.0	164	17.1	163	17.9	163	18.5	163	19.0	162	19.8			
	-1.84	-2.2	167	16.3	167	17.4	166	18.2	166	18.7	166	19.2	165	20.1			
	9.5	5.0	181	17.7	180	18.6	180	19.4	179	19.9	179	20.4	179	21.1			
	13.0	12.0	196	18.3	196	19.3	196	20.0	196	20.4	187	20.9	186	21.6			
	15.0	14.0	201	19.4	201	20.3	201	20.9	201	21.3	200	21.8	200	22.4			
	17.0	15.5	206	19.7	206	20.5	205	21.2	205	21.6	204	22.0	204	22.7			
	19.0	18.0	213	20.1	213	21.0	212	21.6	212	22.0	211	22.4	211	23.0			
	22.0	20.0	219	20.5	218	21.3	218	21.9	218	22.3	217	22.7	217	23.3			
	26.0	24.0	232	21.2	231	22.0	231	22.6	230	22.9	230	23.3	229	23.9			
	30.0	28.0	245	21.9	245	22.6	244	23.2	244	23.5	243	23.9	243	24.4			
	35.0	32.0	260	22.6	259	23.3	259	23.8	258	24.1	258	24.4	258	24.9			
	39.0	36.0	275	23.2	275	23.8	274	24.3	274	24.6	273	24.9	270	24.9			
	44.0	40.0	292	23.8	291	24.4	291	24.8	290	25.1	286	24.9	270	23.2			
	47.0	43.0	305	24.2	304	24.8	304	25.2	297	24.7	286	23.6	270	21.9			
	51.0	47.0	323	24.7	322	25.3	308	24.0	297	23.0	286	21.9	270	20.4			
	54.0	50.0	337	25.1	324	24.2	308	22.7	297	21.8	286	20.8	270	19.4			
57.0	53.0	346	24.9	324	22.9	308	21.6	297	20.7	286	19.8	270	18.4				
60.0	56.0	346	23.6	324	21.8	308	20.5	297	19.6	286	18.8	270	17.5				
100	-3.64	-4.0	164	17.6	163	18.6	163	19.3	162	19.8	162	20.3	162	21.0			
	-1.84	-2.2	166	17.9	166	18.8	166	19.5	165	20.0	165	20.5	165	21.2			
	9.5	5.0	180	19.1	179	20.0	179	20.6	179	21.1	178	21.5	178	22.2			
	13.0	12.0	196	19.7	196	20.5	197	21.2	196	21.6	196	22.0	196	22.7			
	15.0	14.0	201	20.6	201	21.4	200	22.0	200	22.4	200	22.8	199	23.4			
	17.0	15.5	205	20.9	205	21.7	204	22.3	204	22.6	204	23.0	203	23.6			
	19.0	18.0	212	21.3	212	22.1	211	22.6	211	23.0	211	23.4	210	24.0			
	22.0	20.0	218	21.7	218	22.4	217	22.9	217	23.3	217	23.7	216	24.2			
	26.0	24.0	231	22.3	230	23.0	230	23.5	229	23.9	229	24.2	229	24.7			
	30.0	28.0	244	22.9	244	23.6	243	24.1	243	24.4	243	24.7	242	25.2			
	35.0	32.0	259	23.5	258	24.2	258	24.6	258	24.9	257	25.2	245	23.9			
	39.0	36.0	274	24.1	274	24.7	273	25.1	270	25.0	260	23.8	245	22.2			
	44.0	40.0	291	24.7	290	25.2	280	24.3	270	23.2	260	22.2	245	20.7			
	47.0	43.0	304	25.0	295	24.5	280	23.0	270	22.0	260	21.0	245	19.6			
	51.0	47.0	315	24.7	295	22.8	280	21.4	270	20.5	260	19.6	245	18.3			
	54.0	50.0	315	23.4	295	21.6	280	20.3	270	19.5	260	18.6	245	17.4			
57.0	53.0	315	22.1	295	20.5	280	19.3	270	18.5	260	17.7	245	16.5				
60.0	56.0	315	21.0	295	19.5	280	18.3	270	17.6	260	16.8	245	15.8				
90	-3.64	-4.0	163	19.1	162	20.0	162	20.7	161	21.5	161	22.1	161	22.5			
	-1.84	-2.2	165	20.9	164	21.7	164	22.3	164	22.7	164	23.1	164	23.6			
	9.5	5.0	179	20.5	178	21.3	178	21.9	178	22.6	177	23.1	177	23.5			
	13.0	12.0	194	22.9	194	23.5	194	24.0	193	24.3	1						

REYQ264PBTJ

Table with 4 main sections (90, 130, 120, 110, 100) and 4 sub-sections (90, 80, 70, 60). Each section contains a grid of data for different outdoor air temperatures and indoor air temperatures (61, 65, 68, 70, 72, 75). Columns include % FDB, FWB, MBH, TC, and PI for each indoor air temperature.

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ288PBTJ

Large data table with columns for Combination, Outdoor air temp., Indoor air temp. °FDB, and various capacity metrics (TC, PI, MBH, kW) for different conditions (61, 65, 68, 70, 72, 75).

TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

REYQ312PBTJ

Table with columns for Combination, Outdoor air temp., Indoor air temp. °FDB, and Capacity (TC, PI) for various conditions. Includes sub-tables for 130, 120, 110, and 100 capacity units.

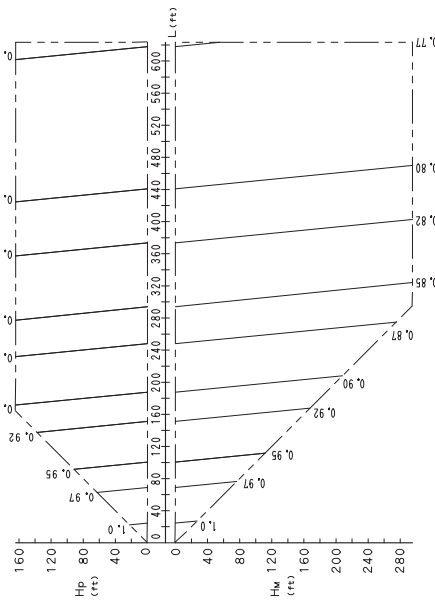
TC: Total capacity ; MBH
PI: Power Input ; kW (Comp.+Outdoor fan motor)
Note1: is shown as reference.

Note2: The above table shows the average value of conditions which may occur.

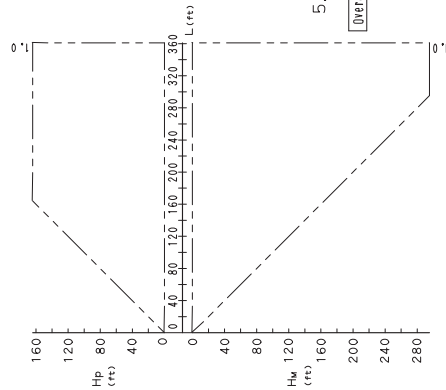
8.3 Capacity Correction Factor

REYQ72PTJU / REYQ216PBTJ

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Explanation of symbols]

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

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

L : Equivalent pipe length(ft)

α : Capacity correction factor

[Diameter of pipe(Standard size)]

Model	liquid
REYQ72PTJU	φ 3/8
REYQ216PBTJ	φ 5/8

5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)

$$\text{Overall equivalent length} = \text{equivalent length to main pipe} \times \text{correction factor} + \text{Equivalent length after branching}$$

[Choose a correction factor from the following table]

Model	Correction factor
REYQ72PTJU	0.2
REYQ216PBTJ	0.4

- [Notes]
- 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.
 - With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
 - 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%

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

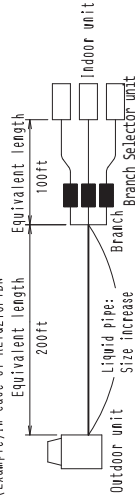
$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{X}[\text{Capacity change rate due to piping length to the farthest indoor unit}]}$$

(Example) In case of REYQ216PBTJ



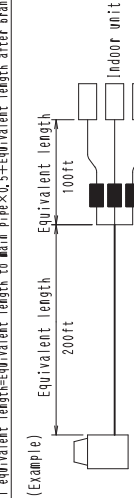
In the above case(Heating)
Overall equivalent length=200ft×0.4+100ft=180ft

The correction factor in capacity when Hp=0ft is thus approximately 1.0.

6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$$\text{Overall equivalent length} = \text{equivalent length to main pipe} \times 0.5 + \text{equivalent length after branching}$$

(Example) In case of REYQ216PBTJ



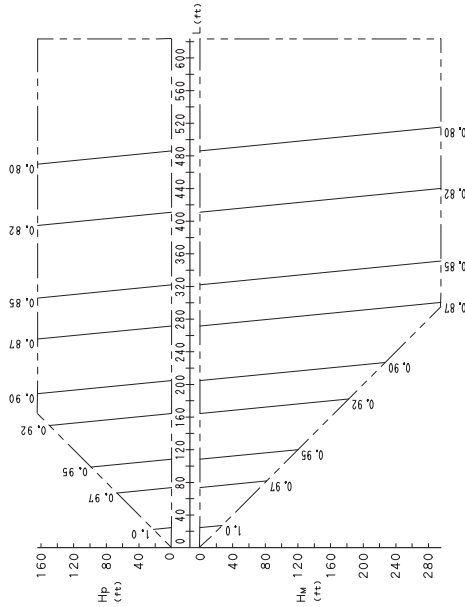
In the above case(Cooling)
Overall equivalent length=200ft×0.5+100ft=200ft

The correction factor in capacity when Hp=0m is thus approximately 0.89.

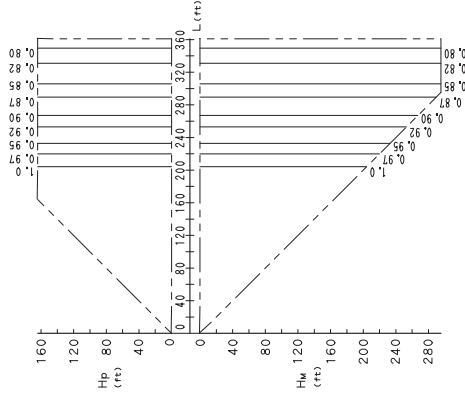
Model	liquid
REYQ72PTJU	φ 1/2
REYQ216PBTJ	φ 3/4

REYQ96PTJU

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Explanation of symbols]

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

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

L : Equivalent pipe length (ft)

α : Capacity correction factor

[Diameter of pipe (Standard size)]

Model	Liquid
REYQ96PTJU	ϕ 3/8

[Notes]

- 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.
 - With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) 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 \times 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 \times Capacity change rate due to piping length to the farthest indoor unit
- When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased. When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
 - [Diameter of above case]

Model	Liquid
REYQ96PTJU	ϕ 1/2
- When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 - Overall equivalent length = Equivalent length to main pipe $\times 0.2$ + Equivalent length after branching

(Example)

In the above case (Heating)
Overall equivalent length = 200ft \times 0.2 + 100ft = 140ft

The correction factor in capacity when Hp = 0ft is thus approximately 1.0.
- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
 - Overall equivalent length = Equivalent length to main pipe $\times 0.5$ + Equivalent length after branching

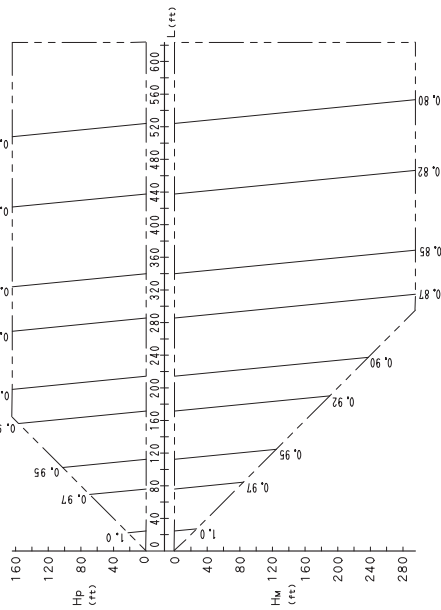
(Example)

In the above case (Cooling)
Overall equivalent length = 200ft \times 0.5 + 100ft = 200ft

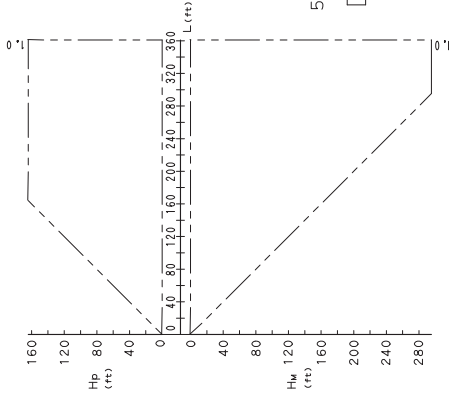
The correction factor in capacity when Hp = 0ft is thus approximately 0.90.

REYQ120PTJU / REYQ168PBTJ / REYQ264PBTJ / REYQ288PBTJ

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Explanation of symbols]

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

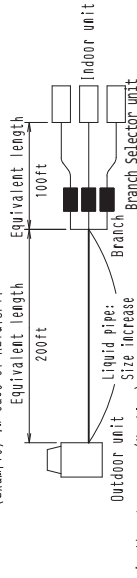
L : Equivalent pipe length(ft)
 α : Capacity correction factor
 [Diameter of pipe(Standard size)]

Model	liquid
REYQ120PTJU	φ 1/2
REYQ168PBTJ	φ 5/8
REYQ264PBTJ	φ 3/4
REYQ288PBTJ	φ 3/4

5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (heating only)
 Overall equivalent length=Equivalent length to main pipe×Correction factor+Equivalent length after branching
 [Choose a correction factor from the following table]

Model	Correction factor
REYQ120PTJU	0.3
REYQ168PBTJ	0.4
REYQ264PBTJ	0.4
REYQ288PBTJ	0.4

(Example) In case of REYQ18PY1

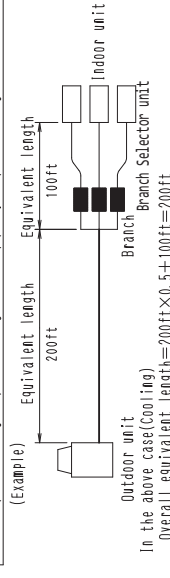


In the above case(heating) Overall equivalent length=200ft×0.4+100ft=180ft

The correction factor in capacity when Hp=0ft is thus approximately 1.0.

6. In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity,
 Overall equivalent length=Equivalent length to main pipe×0.5+Equivalent length after branching

(Example) Overall equivalent length=200ft×0.5+100ft=200ft



The correction factor in capacity when Hp=0ft is thus approximately 0.51,

[Notes]

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) 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

When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.

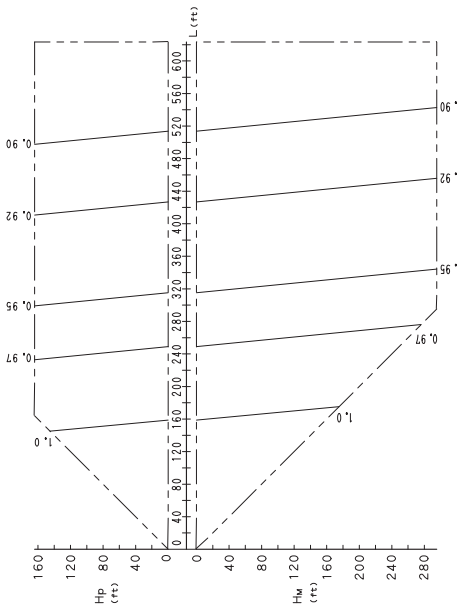
When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

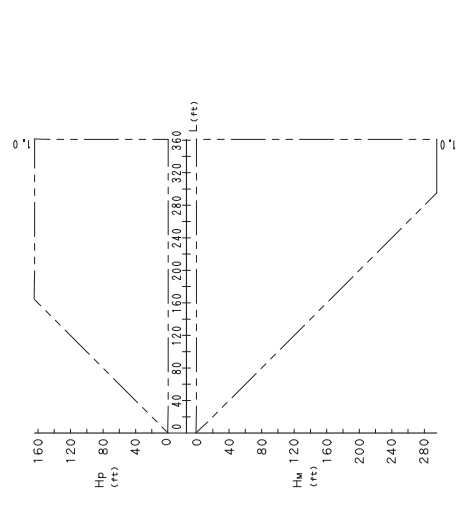
Model	liquid	Model	liquid
REYQ120PTJU	φ 5/8	REYQ264PBTJ	φ 7/8
REYQ168PBTJ	φ 3/4	REYQ288PBTJ	φ 7/8

REYQ144PBTJ

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



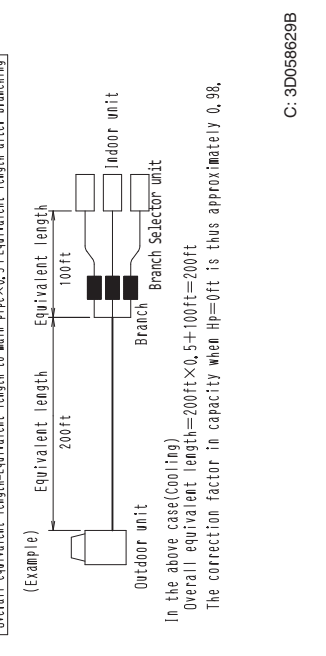
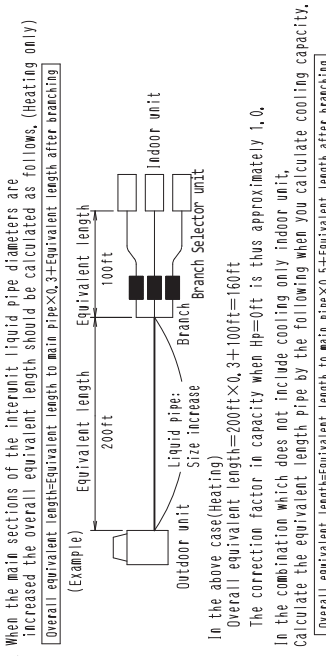
[Explanation of symbols]
 Hp : Level difference(ft)between indoor and outdoor units where indoor unit in inferior position
 Hk : Level difference(ft)between indoor and outdoor units where indoor unit in superior position
 L : Equivalent pipe length(ft)
 α : Capacity correction factor
 [Diameter of pipe(Standard size)]

Model	liquid
REYQ144PBTJ	φ 1/2

[Notes]

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) 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%.
 $\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}$
 X Capacity change rate due to piping length to the farthest indoor unit
 • Condition: Indoor unit combination ratio exceeds 100%.
 $\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}$
 X Capacity change rate due to piping length to the farthest indoor unit
- When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased. When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
 [Diameter of above case]

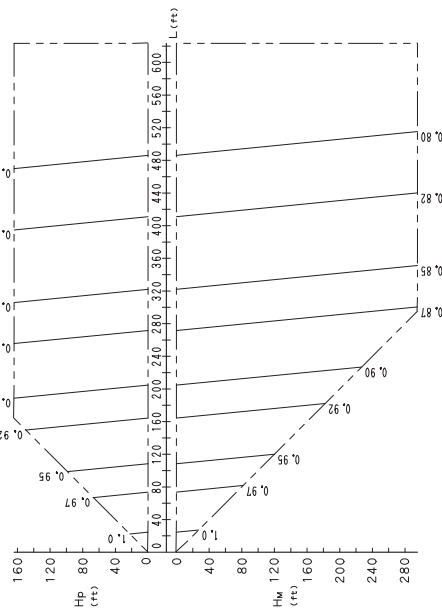
Model	liquid
REYQ144PBTJ	φ 5/8



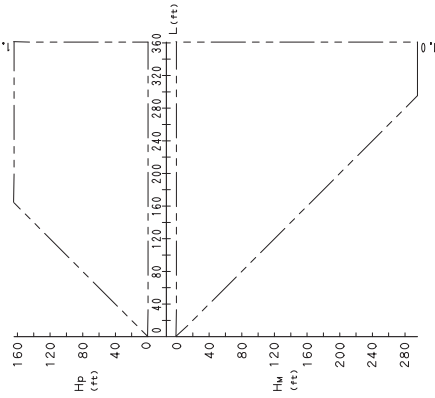
C: 3D058629B

REYQ192PBTJ / REYQ312PBTJ / REYQ336PBTJ

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



[Explanation of symbols]

Hp : Level difference(ft)between indoor and outdoor units where indoor unit in inferior position
 Hm: Level difference(ft)between indoor and outdoor units where indoor unit in superior position
 L : Equivalent pipe length(ft)
 α : Capacity correction factor

[Diameter of pipe(Standard size)]

Model	Liquid
REYQ192PBTJ	φ 5/8
REYQ312PBTJ	φ 3/4
REYQ336PBTJ	φ 3/4

[Notes]

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) 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%.

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

• Condition: Indoor unit combination ratio exceeds 100%.

$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{Capacity change rate due to piping length to the farthest indoor unit}}$$

• Condition: Indoor unit combination ratio exceeds 100%.

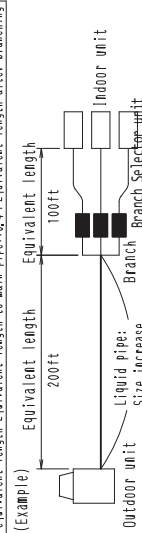
$$\text{Maximum A/C capacity of outdoor units} = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}}{\text{Capacity change rate due to piping length to the farthest indoor unit}}$$

- When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.
 When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
 [Diameter of above case]

Model	Liquid
REYQ192PBTJ	φ 3/4
REYQ312PBTJ	φ 7/8
REYQ336PBTJ	φ 7/8

- When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)

$$\text{Overall equivalent length} = \text{equivalent length to main pipe} \times 0.4 + \text{equivalent length after branching}$$

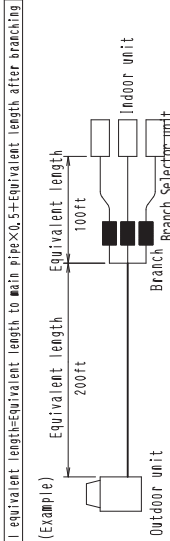


In the above case(Heating)
 Overall equivalent length=200ft×0.4+100ft=180ft

The correction factor in capacity when Hp=0ft is thus approximately 1.0.

- In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.

$$\text{Overall equivalent length} = \text{equivalent length to main pipe} \times 0.5 + \text{equivalent length after branching}$$



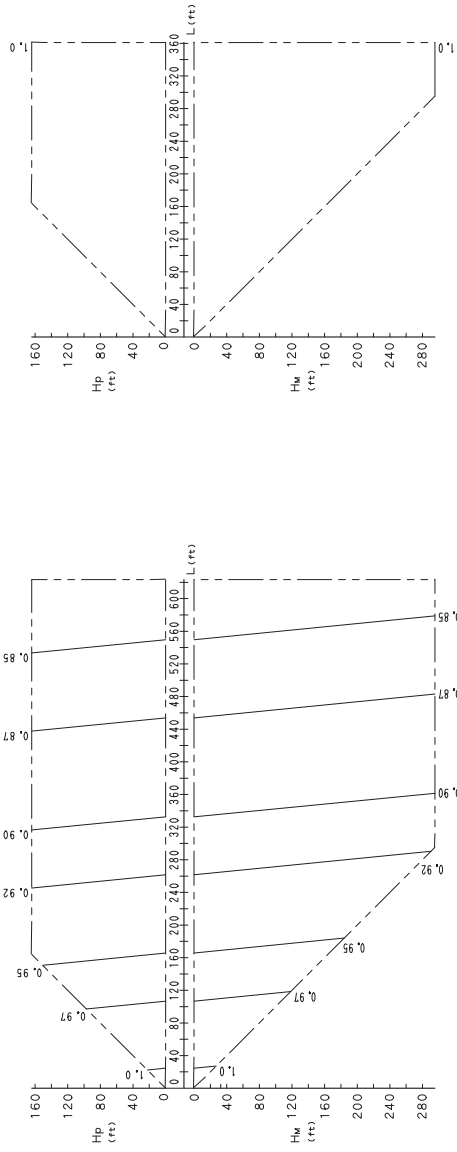
In the above case(Cooling)
 Overall equivalent length=200ft×0.5+100ft=200ft

The correction factor in capacity when Hp=0ft is thus approximately 0.90.

REYQ240PBTJ

2. Rate of change in heating capacity

1. Rate of change in cooling capacity



[Explanation of symbols]
 Hp : Level difference(ft)between indoor and outdoor units
 where indoor unit in inferior position
 Hw : Level difference(ft)between indoor and outdoor units
 where indoor unit in superior position
 L : Equivalent pipe length(ft)
 α : Capacity correction factor
 [Diameter of pipe(Standard size)]

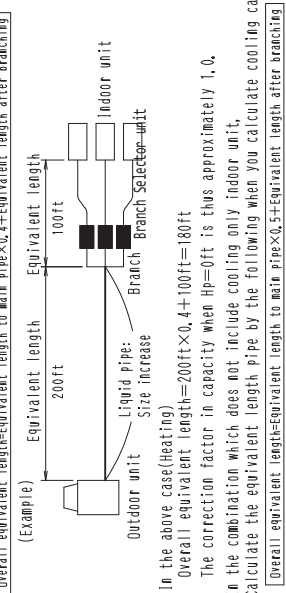
Model	Liquid
REYQ240PBTJ	φ 5/8

[Notes]

- 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.
- With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
- Method of calculating A/C (cooling/heating) 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%.

$$\left[\frac{\text{Maximum A/C capacity of outdoor units}}{\text{Maximum A/C capacity of indoor units}} \right] = \frac{\text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}}{\text{Capacity change rate due to piping length to the farthest indoor unit}}$$
- When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased. When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.
 [Diameter of above case]

Model	Liquid
REYQ240PBTJ	φ 3/4



5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)

$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.4 + \text{Equivalent length after branching}$$

(Example)
 Overall equivalent length = 200ft × 0.4 + 100ft = 80ft
 In the above case(Heating)
 Overall equivalent length = 200ft × 0.4 + 100ft = 80ft
 The correction factor in capacity when Hp=0ft is thus approximately 1.0.
 In the combination which does not include cooling only indoor unit, Calculate the equivalent length pipe by the following when you calculate cooling capacity.

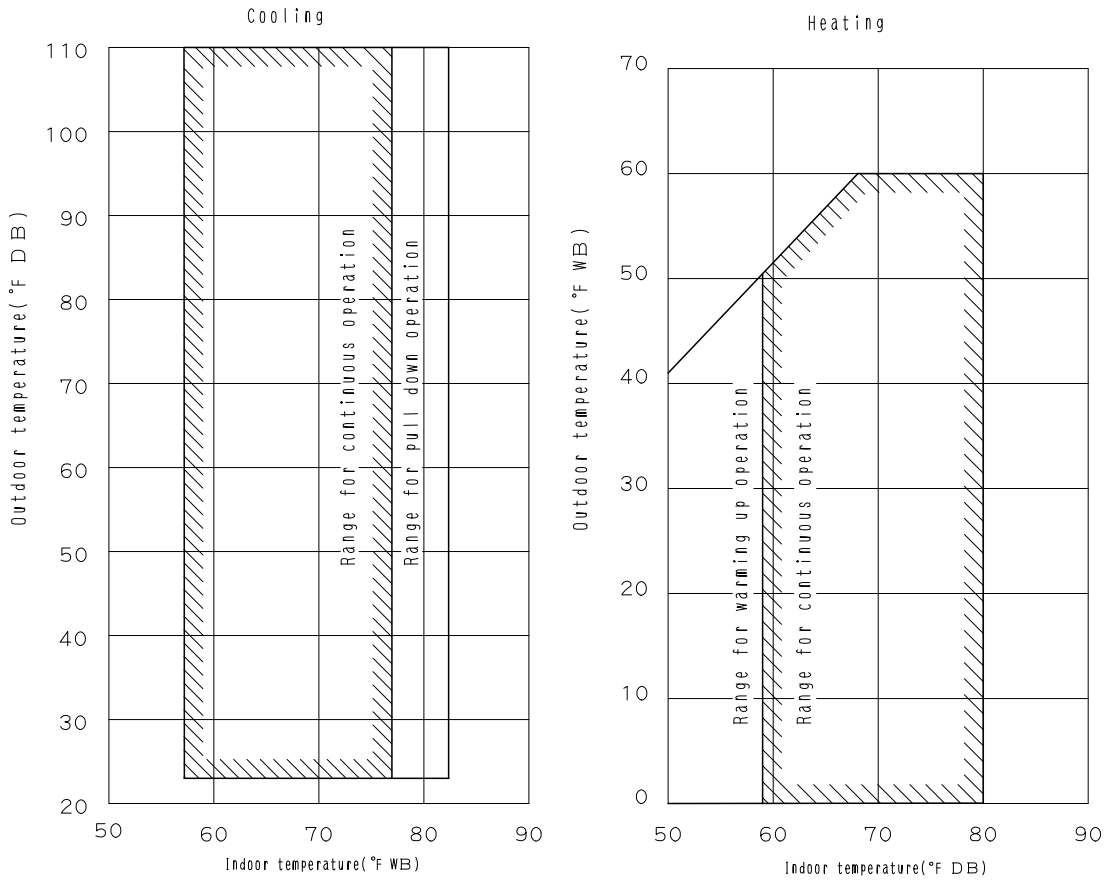
$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$

(Example)
 Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
 In the above case(Cooling)
 Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
 The correction factor in capacity when Hp=0ft is thus approximately 0.94.

C: 3D059673A

9. Operation Limits

REYQ72PTJU / REYQ96PTJU / REYQ120PTJU / REYQ144PBTJ / REYQ168PBTJ / REYQ192PBTJ /
 REYQ216PBTJ / REYQ240PBTJ / REYQ264PBTJ / REYQ288PBTJ / REYQ312PBTJ / REYQ336PBTJ



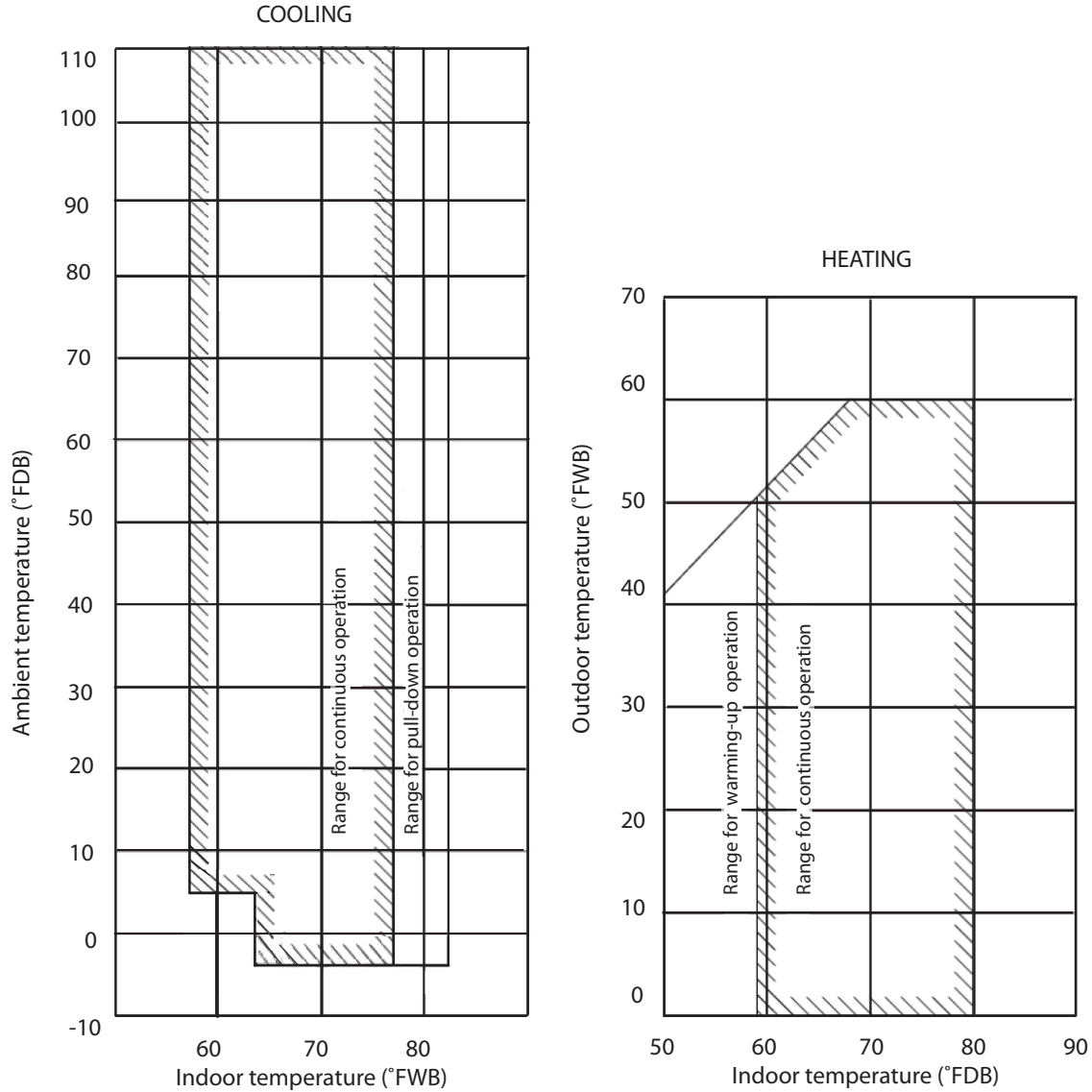
3D043026E

Note: These figures assume the following operating conditions:
 Indoor and outdoor units:
 Equivalent pipe length: 25ft
 Level difference: 0

NOTE: See Capacity Tables for Reference Cooling Capacities above 110°F.

10. Low Ambient Cooling Enhancement

- The VRV III PB product will include a new feature for Low Ambient Cooling
- The function enhances VRV III PB Heat Recovery systems as follows:
 - Allows Operation to -4°F (-20°C) in Cooling Mode Normal limit is 23°F (-5°C)
 - Operation below 23°F (-5°C) ambient temperature requires the addition of wind covers onto the condensing unit.*



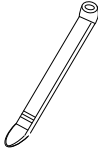
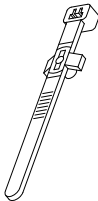

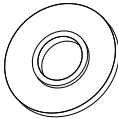
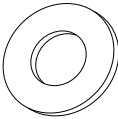
Application Rules:

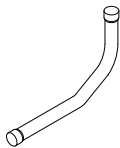
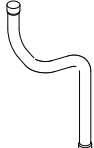

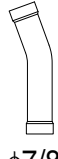




- Indoor Units assigned for low ambient cooling CANNOT exceed 50% of the Nominal Rating of the Condensing Unit
- Total Connection index of each system is limited to 60 –130%
- Function is engaged by a field setting on the condensing unit (to enable Low Ambient Cooling) and a dip switch setting is necessary on the BSVQ units serving Indoor Units NOT subject to Low Ambient Cooling Requirements
- During operation below 23°F (-5°C), the available cooling capacity decreases as follows: -
 - 14°F (-10°C) - Reduces to 80% of Nominal
 - 5°F (-15°C) - Reduces to 65% of Nominal
 - 4°F (-20°C) - Reduces to 60% of Nominal
- During operation the operating Sound Level of the BSVQ unit can increase (Max + 3dB(A)) thus it is encouraged to locate units away from sound sensitive zones.
- The vertical separation of Outdoor to Indoor unit (when Outdoor below) is limited to 164ft (normal = 295ft)
- * **Contact your local Daikin representative for wind cover specification requirements.**









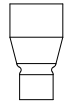
11. Accessories

Standard Accessories

REYQ72PTJU/ REYQ96PTJU / REYQ120PTJU / REYQ144PBTJ

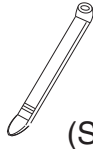
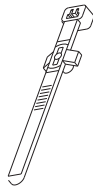
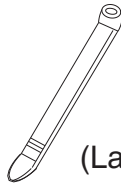

Name	Clamp(1)	Clamp(2)	Vinyl tube	Conduit mounting plate		Manuals, etc.
Quantity	9 pcs.	3 pcs.	4 pcs.	2 pcs.	2 pcs.	1 pc. each
Shape						<ul style="list-style-type: none"> • Operation manual • Installation manual • “REQUEST FOR THE INDICATON” label (Installation records)

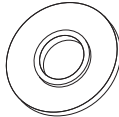
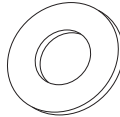
Name		Liquid side accessory pipe (1)	Liquid side accessory pipe (2)	Suction gas side accessory pipe (1)			Suction gas side accessory pipe (2)		
Quantity	72P type	1 pc.	1 pc.	1 pc.			1 pc.		
	96P type			1 pc.			1 pc.		
	120P/144P type					1 pc.		1 pc.	
Shape									
				φ7/8	φ7/8	φ1-1/8	φ3/4	φ7/8	φ1-1/8

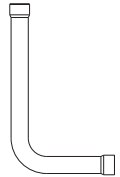








Name		HP / LP gas side accessory pipe (1)			HP / LP gas side accessory pipe (2)			L type accessory joint (1)	L type accessory joint (2)	accessory joint (2)
Quantity	72P type	1 pc.			1 pc.			1 pc.	1 pc.	1 pc.
	96P type	1 pc.			1 pc.					1 pc.
	120P/144P type	1 pc.			1 pc.					
Shape										
		φ5/8	φ3/4	φ7/8	φ5/8	φ3/4	φ7/8	φ1	φ3/4	





3P215731-12R

REM72PBTJ / REMQ96PBTJ / REMQ120PBTJ

Name	Clamp(1)	Clamp(2)	Clamp(3)	Vinyl tube
Quantity	8 pcs.	2 pcs.	1 pc.	4 pcs.
Shape	 (Small)		 (Large)	

Name	Conduit mounting plate		Manuals, etc.
Quantity	2 pcs.	2 pcs.	1 pc. each
Shape			<ul style="list-style-type: none"> · Operation manual · Installation manual · "REQUEST FOR THE INDICATON" label (Installation records) · Add additional refrigerant charge label

Name	Liquid side accessory pipe (1)	Liquid side accessory pipe (2)	Suction gas side accessory pipe (1)	Suction gas side accessory pipe (2)	HP / LP gas side accessory pipe (1)	HP / LP gas side accessory pipe (2)			
Quantity	72 · 96P type 1 pc.	1 pc.	1 pc.	1 pc.	2 pcs.				
	120P type			1 pc.	1 pc.	2 pcs.			
Shape			 f7/8	 f1-1/8	 f7/8	 f1-1/8	 f3/4	 f7/8	 f7/8

Name	Equalizer side accessory pipe (1)	Equalizer side accessory pipe (2)	L type accessory joint (1)	L type accessory joint (2)
Quantity	72 · 96P type 1 pc.		1 pc.	2 pcs.
	120P type			
Shape		 f3/4	 f1	 f3/4

3P215731-11R

Optional Accessories (For Unit)

Series		VRV III				
Models		REYQ72PTJU	REYQ96PTJU REYQ120PTJU REYQ144PBTJ	REYQ168PBTJ	REYQ192PBTJ REYQ216PBTJ REYQ240PBTJ	REYQ264PBTJ REYQ288PBTJ REYQ312PBTJ REYQ336PBTJ
Optional accessories						
Distributive piping	Refnet header	Model	KHRP25M33H (Max. 8 branch)	KHRP25M33H (Max. 8 branch) KHRP25M72H (Max. 8 branch)	KHRP25M33H (Max. 8 branch) KHRP25M72H (Max. 8 branch) KHRP25M73HU (Max. 8 branch)	
		AS No.	—	—	—	
		Z No.	—	—	—	
	Refnet joint	Model	KHRP25A22T KHRP25A33T	KHRP25A22T KHRP25A33T KHRP25M72TU	KHRP25A22T KHRP25A33T KHRP25M72TU KHRP25M73TU	
		AS No.	—	AS3803118 (KHRP25M72TU)	AS3803566 (KHRP25M73TU)	
		Z No.	—	—	—	
Outdoor unit multi connection piping kit	Model	—		BHFP26P90U	BHFP26P136U	
	AS No.	—		—	—	
	Z No.	—		—	—	

C: 3D059681C

Warning



Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorized importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.

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 unauthorized 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 inquiries, please contact your local importer, distributor, or retailer.



©2011 Daikin Industries, Limited.

Daikin, Daikin AC Absolute Comfort and its design, VRV, REFNET, and Quaternary, Daikin Altherma are trademarks of Daikin Industries, Limited.



JMI-0107



JQA-1452

About ISO 9001

ISO 9001 is a plant certification system defined by the International Organization for Standardization (ISO) relating to quality assurance. ISO 9001 certification covers quality assurance aspects related to the "design, development, manufacture, installation, and supplementary service" of products manufactured at the plant.



EC99J2044

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited program of environmental protection procedures and activities to meet the requirements of ISO 14001.

Dealer

DAIKIN AC (AMERICAS), INC.
1645 Wallace Drive, Suite 110
Carrollton, TX 75006
info@daikinac.com
www.daikinac.com

©All rights reserved

•Specifications, designs and other content appearing in this brochure are current as of July 2011 but subject to change without notice.