



EDUS 391002 - R2_a

R-410A

Engineering Data

VRV[®] III

**REYQ-PATJ /
PTJUR
3 phase
208-230V, 60Hz**

DAIKIN AC (AMERICAS), INC.

REYQ-PATJ / PTJUR

Heat Recovery

3 phase

208-230V, 60Hz

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1. Specifications

Model Name		REYQ72PATJ	REYQ96PATJ	REYQ120PATJ	
Power Supply		3 phase, 208-230V, 60Hz	3 phase, 208-230V, 60Hz	3 phase, 208-230V, 60Hz	
Nominal Cooling Capacity★ ¹	Btu / h	72,000	96,000	120,000	
Rated Cooling Capacity	Btu / h	70,000	92,000	114,000	
Rated Cooling Input Power (System)	kW	5.56	7.93	10.36	
Rated Full Load EER (System)★ ^{1,3}		12.6	11.6	11.0	
Nominal Heating Capacity★ ²	Btu / h	81,000	108,000	135,000	
Rated Heating Capacity	Btu / h	77,000	103,000	130,000	
Rated Heating Input Power (System)	kW	6.4	8.9	11.5	
Rated Full Load COP (System)★ ^{2,3}		3.5	3.4	3.3	
Casing Color		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 x765)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x765)	66-1/8 x 51-3/16 x 30-1/8 (1680 x 1300 x765)	
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	
	Piston Displacement	m ³ /h	7.88+10.53	13.34+10.53	
	Number of Revolutions	r.p.m	3720, 2900	6300, 2900	
	Motor OutputxNumber of Units	kW	(1.0+4.5) x 1	(2.2+4.5) x 1	(3.3+4.5) x 1
Starting Method		Soft Start	Soft Start	Soft Start	
Fan	Type	Propeller Fan	Propeller Fan	Propeller Fan	
	Motor Output	kW	(0.35) x 2	(0.35) x 2	
	Air Flow Rate	cfm	6,700	6,700	7,410
	Drive		Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	ϕ 3/8 (9.5) C1220T (Flare Connection)	ϕ 1/2 (12.7) C1220T (Flare Connection)	
	Suction Gas Pipe	in. (mm)	ϕ 3/4 (19.1) C1220T (Brazing Connection)	ϕ 1-1/8 (28.6) C1220T (Brazing Connection)	
	High and Low Pressure Gas Pipe	in. (mm)	ϕ 5/8 (15.8) C1220T (Brazing Connection)	ϕ 3/4 (19.1) C1220T (Brazing Connection)	
Mass	Lbs (kg)	730 (331)	730 (331)	730 (331)	
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	%	20~100	14~100	14~100	
Refrigerant	Refrigerant Name		R-410A	R-410A	
	Charge	Lbs (kg)	22.7 (10.1)	23.4 (10.6)	23.8 (10.8)
	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: 4D067211A	C: 4D067212A	C: 4D067213A	

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.
- ★³ The tested system EER and COP values reflect "full load efficiency only and are the results from testing to the **Alternate Test Method** (ATM) guidelines provided by the U.S. Department of Energy (DOE) in the Federal Register / Vol. 74, No. 68 / Friday April 8, 2009 / Notices / Pages 15955-15958.

Model Name (Combination Unit)		REYQ144PATJ	REYQ168PATJ	REYQ192PATJ
Model Name (Independent Unit)		REM072PATJ REM072PATJ	REM072PATJ REM096PATJ	REM096PATJ REM096PATJ
Power Supply		3 phase, 208-230V, 60Hz	3 phase, 208-230V, 60Hz	3 phase, 208-230V, 60Hz
Nominal Cooling Capacity★ ¹	Btu / h	144,000	168,000	192,000
Rated Cooling Capacity	Btu / h	138,000	160,000	184,000
Rated Cooling Input Power (System)	kW	11.31	14.04	17.20
Rated Full Load EER (System)★ ^{1,3}		12.2	11.4	10.7
Nominal Heating Capacity★ ²	Btu / h	162,000	188,000	216,000
Rated Heating Capacity	Btu / h	154,000	180,000	206,000
Rated Heating Input Power (System)	kW	13.3	16.0	18.9
Rated Full Load COP (System)★ ^{2,3}		3.4	3.3	3.2
Casing Color		Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (HxWxD)	in. (mm)	66-1/8 x 36-5/8 x 30-1/8 + 66-1/8 x 36-5/8 x 30-1/8 (1680 x 930.3 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 930.3 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 930.3 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
	Piston Displacement	m ³ /h	(16.90) x 2	16.90 + (10.53+13.34)
	Number of Revolutions	r.p.m	(7,980) x 2	7980, (2900, 6300)
	Motor OutputxNumber of Units	kW	(4.7) x 2	(4.7) x 1 + (2.2+4.5) x 1
Starting Method		Soft Start	Soft Start	Soft Start
Fan	Type	Propeller Fan	Propeller Fan	Propeller Fan
	Motor Output	kW	(0.75) x 1 + (0.75) x 1	(0.75) x 1 + (0.75) x 1
	Air Flow Rate	cfm	6,350+6,350	6,350+6,530
	Drive	Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in. (mm)	φ1/2 (12.7) 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)
	High and Low Pressure Gas Pipe	in. (mm)	φ 7/8 (22.2) C1220T (Brazing Connection)	φ 7/8 (22.2) C1220T (Brazing Connection)
	Pressure Equalizer Tube	in. (mm)	φ 3/4 (19.1) C1220T (Brazing Connection)	φ 3/4 (19.1) C1220T (Brazing Connection)
Mass	Lbs (kg)	450+450 (204+204)	450+560 (204+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		%	13~100	9~100
Refrigerant	Refrigerant Name	R-410A	R-410A	R-410A
	Charge	Lbs (kg)	18.1+18.1 (8.2+8.2)	18.1+19.8 (8.2+8.9)
	Control		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: 4D067214A	C: 4D067215A	C: 4D067216A

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.
★³ The tested system EER and COP values reflect "full load efficiency only and are the results from testing to the **Alternate Test Method (ATM)** guidelines provided by the U.S. Department of Energy (DOE) in the Federal Register / Vol. 74, No. 68 / Friday April 8, 2009 / Notices / Pages 15955-15958.

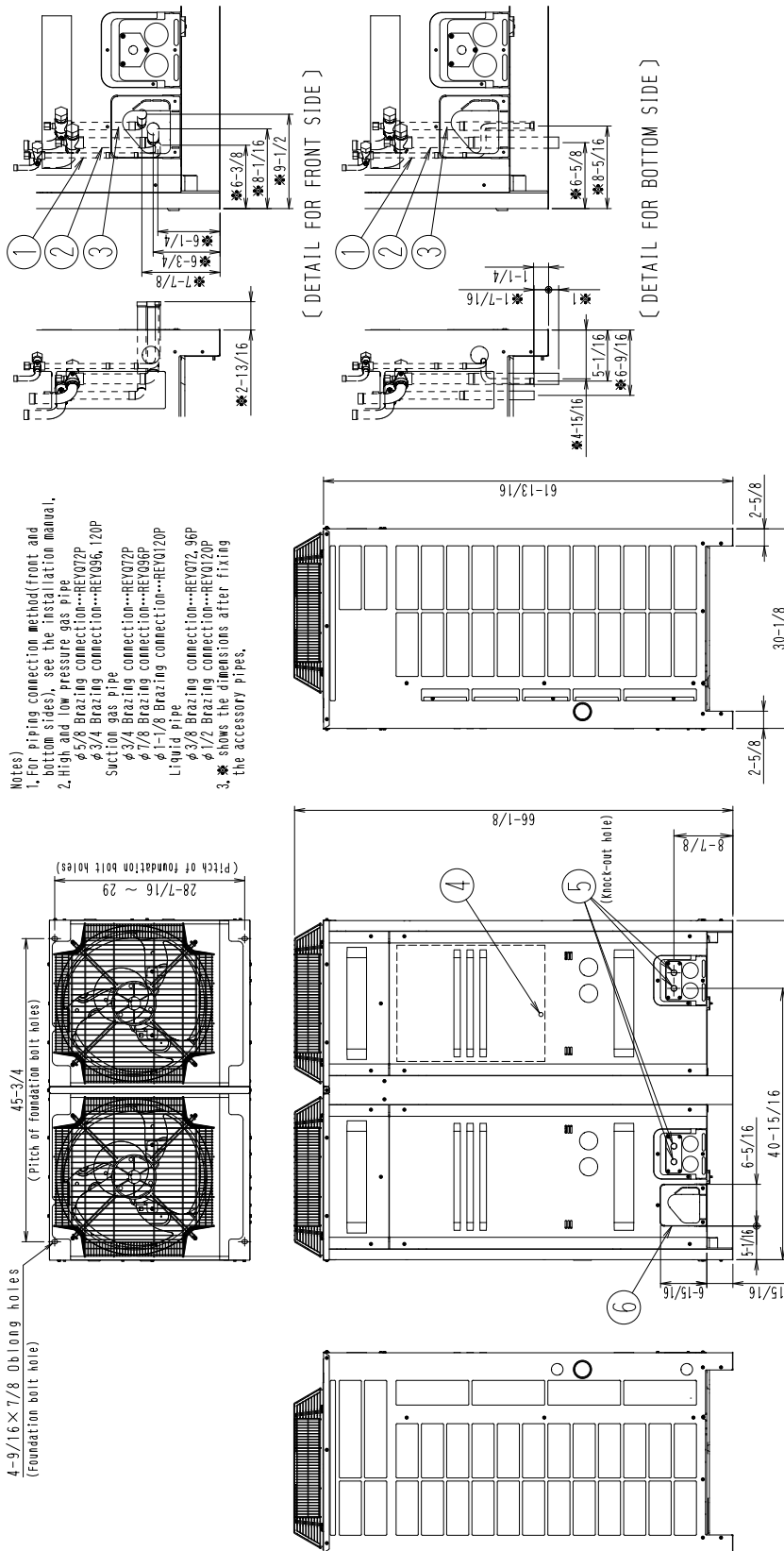
Model Name (Combination Unit)		REYQ216PTJUR		REYQ240PTJUR		
Model Name (Independent Unit)		REMQ96PATJ REMQ120PTJUR		REMQ120PTJUR REMQ120PTJUR		
Power Supply		3 Phase 60Hz 208V-230V		3 Phase 60Hz 208V-230V		
Nominal Cooling Capacity★ ¹	Btu / h	216,000		240,000		
Rated Cooling Capacity	Btu / h	206,000		240,000		
Rated Cooling Input Power (System)	kW	19.43		24.49		
Rated Full Load EER (System)★ ^{1,3}		10.60		9.80		
Nominal Heating Capacity★ ²	Btu / h	243,000		270,000		
Rated Heating Capacity	Btu / h	232,000		258,000		
Rated Heating Input Power (System)	kW	21.25		23.63		
Rated Full Load COP (System)★ ^{2,3}		3.2		3.2		
Casing Color		Ivory White (5Y7.5/1)		Ivory White (5Y7.5/1)		
Dimensions: (HxWxD)	in (mm)	66-1/8 x 36-5/8 x 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 x 36-5/8 x 30-1/8" (1680 x 930 x 765 mm)		66-1/8 x 36-5/8 x 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 x 36-5/8 x 30-1/8" (1680 x 930 x 765 mm)		
Heat Exchanger		Cross Fin Coil		Cross Fin Coil		
Comp.	Type	Hermetically Sealed Scroll Type		Hermetically Sealed Scroll Type		
	Piston Displacement	m ³ /h	(10.53+13.34) x 2		(10.53+13.34) x 2	
	Number of Revolutions	r.p.m	(2900, 6300) x 2		(2900, 6300) x 2	
	Motor OutputxNumber of Units	kW	(2.2+4.5) x 1 + (3.5+4.5) x 1		(3.5+4.5) x 2	
Starting Method		Soft Start		Soft Start		
Fan	Type	Propeller Fan		Propeller Fan		
	Motor Output	kW	(0.75) x 1 + (0.75) x 1		(0.75) x 1 + (0.75) x 1	
	Air Flow Rate	cfm	6,530+7,060		7,060+7,060	
	Drive		Direct Drive		Direct Drive	
Connecting Pipes	Liquid Pipe ★ ³	in (mm)	φ5/8" (15.9 mm) C1220T (Brazing Connection)		φ5/8" (15.9 mm) C1220T (Brazing Connection)	
	Suction Gas Pipe ★ ³	in (mm)	φ 1-1/8" (28.6 mm) C1220T (Brazing Connection)		φ1-3/8" (34.9 mm) C1220T (Brazing Connection)	
	High and Low Pressure Gas Pipe ★ ³	in (mm)	φ 1-1/8" (28.6 mm) C1220T (Brazing Connection)		φ 1-1/8" (28.6 mm) C1220T (Brazing Connection)	
	Pressure Equalizer Tube	in (mm)	φ 3/4" (19.1 mm) C1220T (Brazing Connection)		φ 3/4" (19.1 mm) C1220T (Brazing Connection)	
Mass	Lbs (kg)	560+560 lbs (254 + 254 kg)		560+560 lbs (254 + 254 kg)		
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		%		6~100		
Refrigerant	Refrigerant Name		R-410A		R-410A	
	Charge	Lbs	19.8+20.1		20.1+20.1	
	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.		4D060124		4D060125		

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.
- ★3 The tested system EER and COP values reflect "full load efficiency only and are the results from testing to the **Alternate Test Method (ATM)** guidelines provided by the U.S. Department of Energy (DOE) in the Federal Register / Vol. 74, No. 68 / Friday April 8, 2009 / Notices / Pages 15955-15958.

2. Dimensions

REYQ72, 96, 120PATJ



Notes)

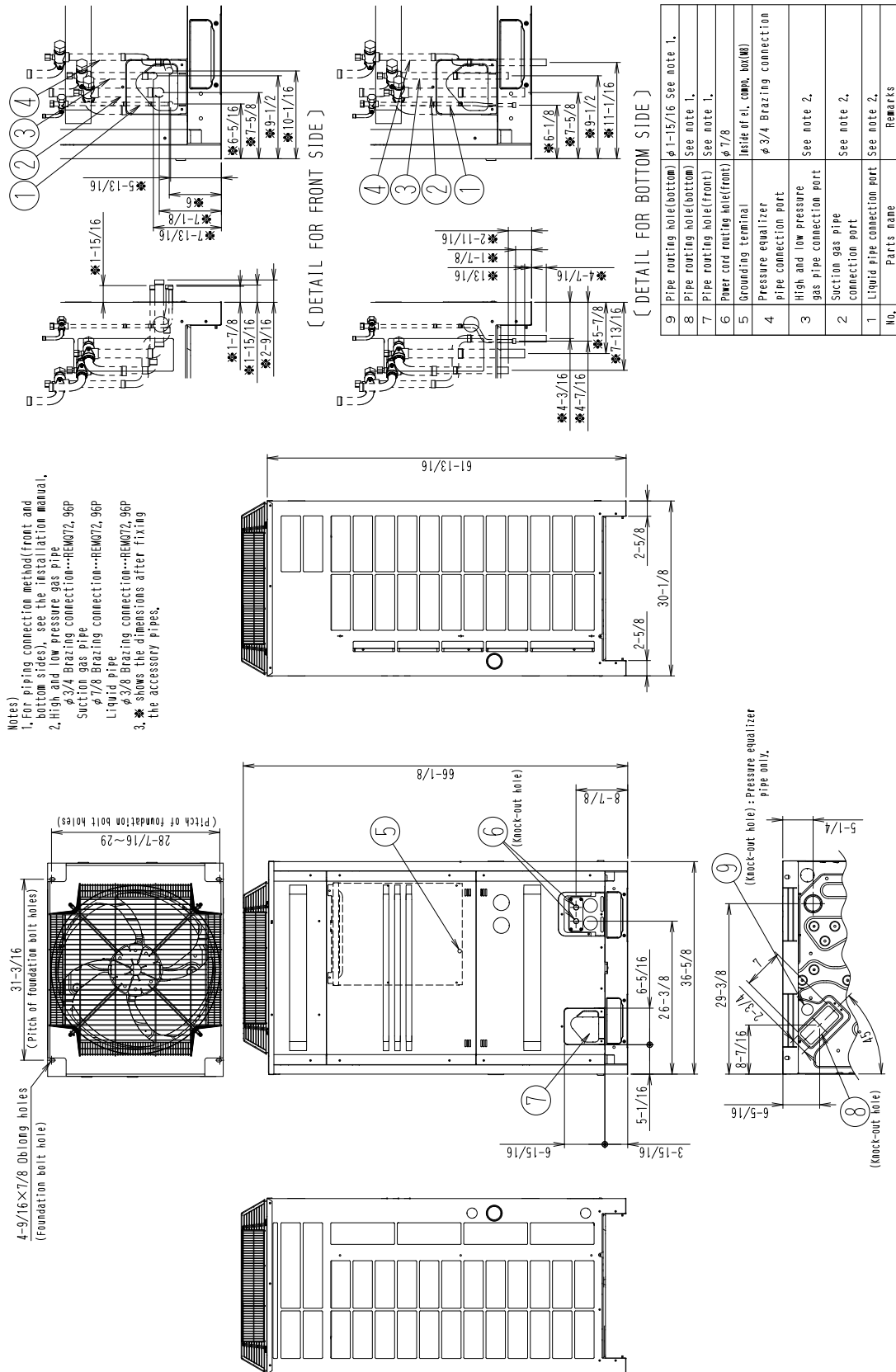
- For piping connection method (front and bottom sides), see the installation manual.
- High and low pressure gas pipe
 - φ5/8 Brazing connection---REV072P
 - φ3/4 Brazing connection---REV096, 120P
- Suction gas pipe
 - φ3/4 Brazing connection---REV072P
 - φ7/8 Brazing connection---REV096P
 - φ1-1/8 Brazing connection---REV0120P
- Liquid pipe
 - φ9/8 Brazing connection---REV072, 96P
 - φ1/2 Brazing connection---REV0120P

3. * shows the dimensions after fixing the accessory pipes.

No.	Parts name	Remarks
7	Pipe routing hole(bottom)	See note 1.
6	Pipe routing hole(front)	See note 1.
5	Power cord routing hole(front)	φ7/8
4	Grounding terminal	Inside of el. comp. bin(MB)
3	Gas pipe connection port (Only for REV014P)	See note 2.
3	High and low pressure gas pipe connection port	See note 2.
2	Suction gas pipe connection port	See note 2.
1	Liquid pipe connection port	See note 2.

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REM72, 96PATJ

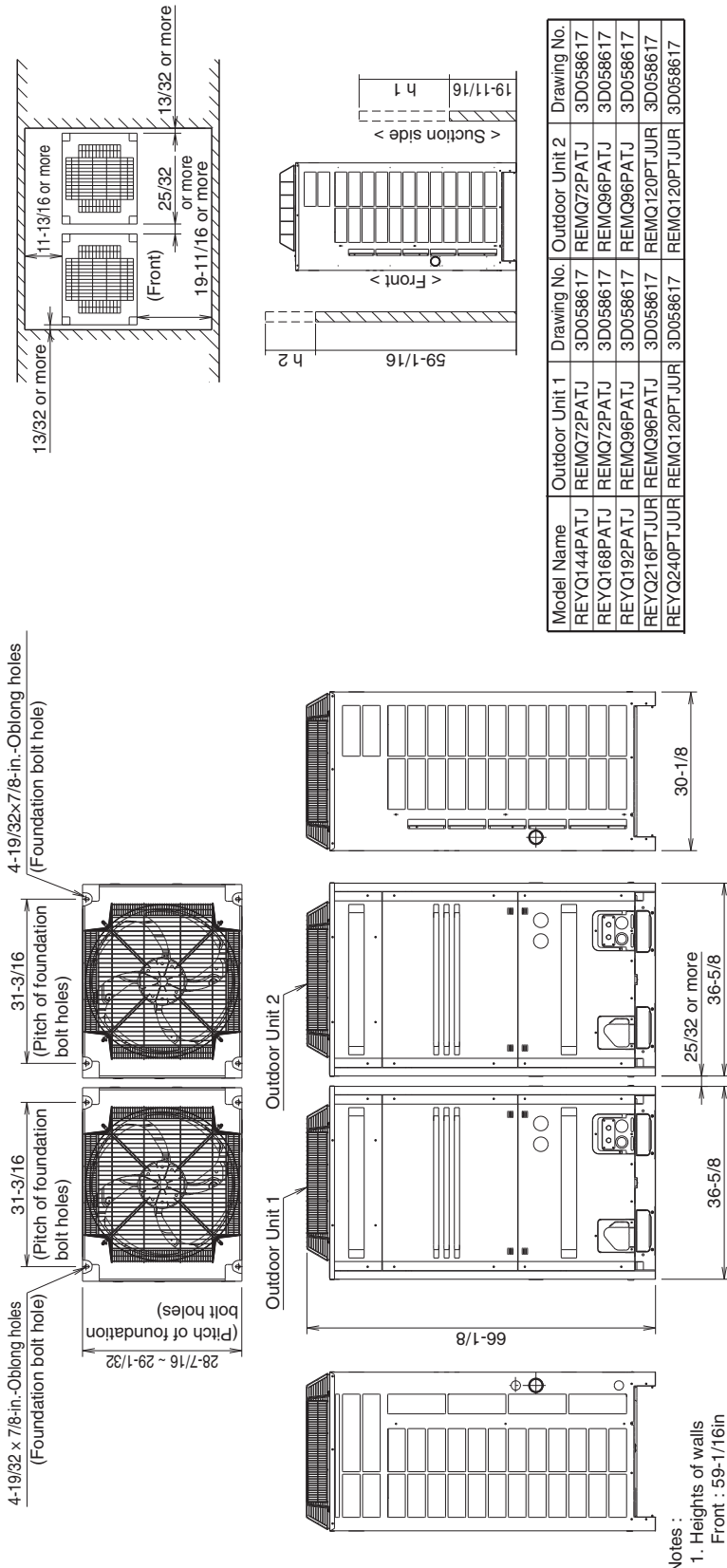


Notes)
 1. For piping connection method (front and bottom sides), see the installation manual.
 2. High and low pressure gas pipe
 φ3/4 Brazing connection---REM72, 96P
 Suction gas pipe
 φ7/8 Brazing connection---REM72, 96P
 Liquid gas pipe
 φ5/8 Brazing connection---REM72, 96P
 3. * shows the dimensions after fixing the accessory pipes.

No.	Parts name	Remarks
9	Pipe routing hole(bottom) φ 1-15/16	See note 1.
8	Pipe routing hole(bottom)	See note 1.
7	Pipe routing hole(front)	See note 1.
6	Power cord routing hole(front) φ 7/8	
5	Grounding terminal	Inside of el. COMP. UNIT(M)
4	Pressure equalizer pipe connection port	φ 3/4 Brazing connection
3	High and low pressure gas pipe connection port	See note 2.
2	Suction gas pipe connection port	See note 2.
1	Liquid gas pipe connection port	See note 2.

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REYQ144, 168, 192PATJ / 216~240PTJUR



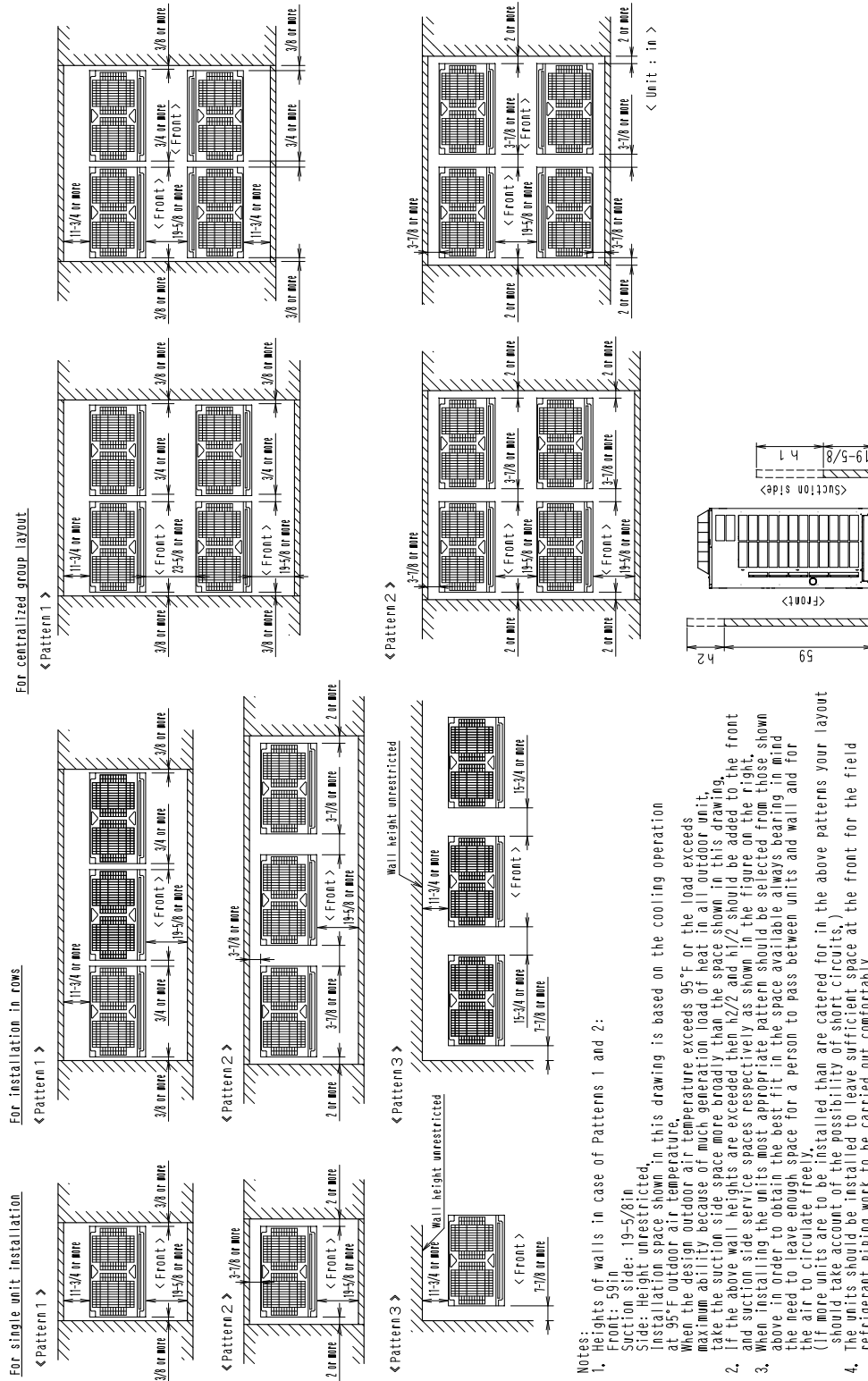
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- Notes :
1. Heights of walls
 Front : 59-1/16in
 Suction side : 19-11/16in
 Side : Height unrestricted
 The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 95°F.
 . Design outdoor temperature becomes over 95°F.
 2. Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
 If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the following figure.
 3. When installing the units the most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough room for a person to pass between units and wall and for the air to circulate freely.
 (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
 4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

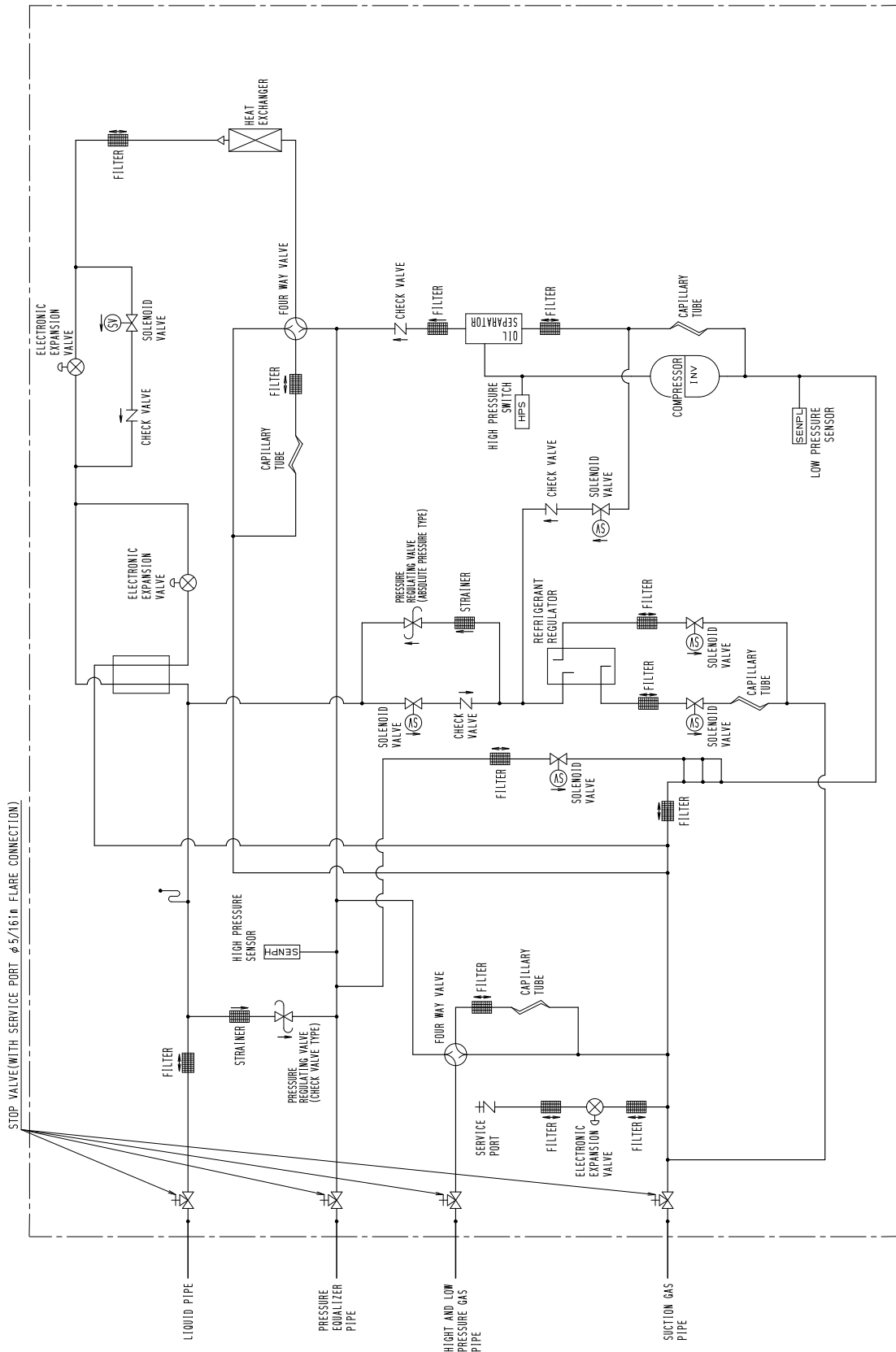
3. Service Space

REYQ72, 96, 120, 144, 168, 192PATJ / REYQ216, 240PTJUR

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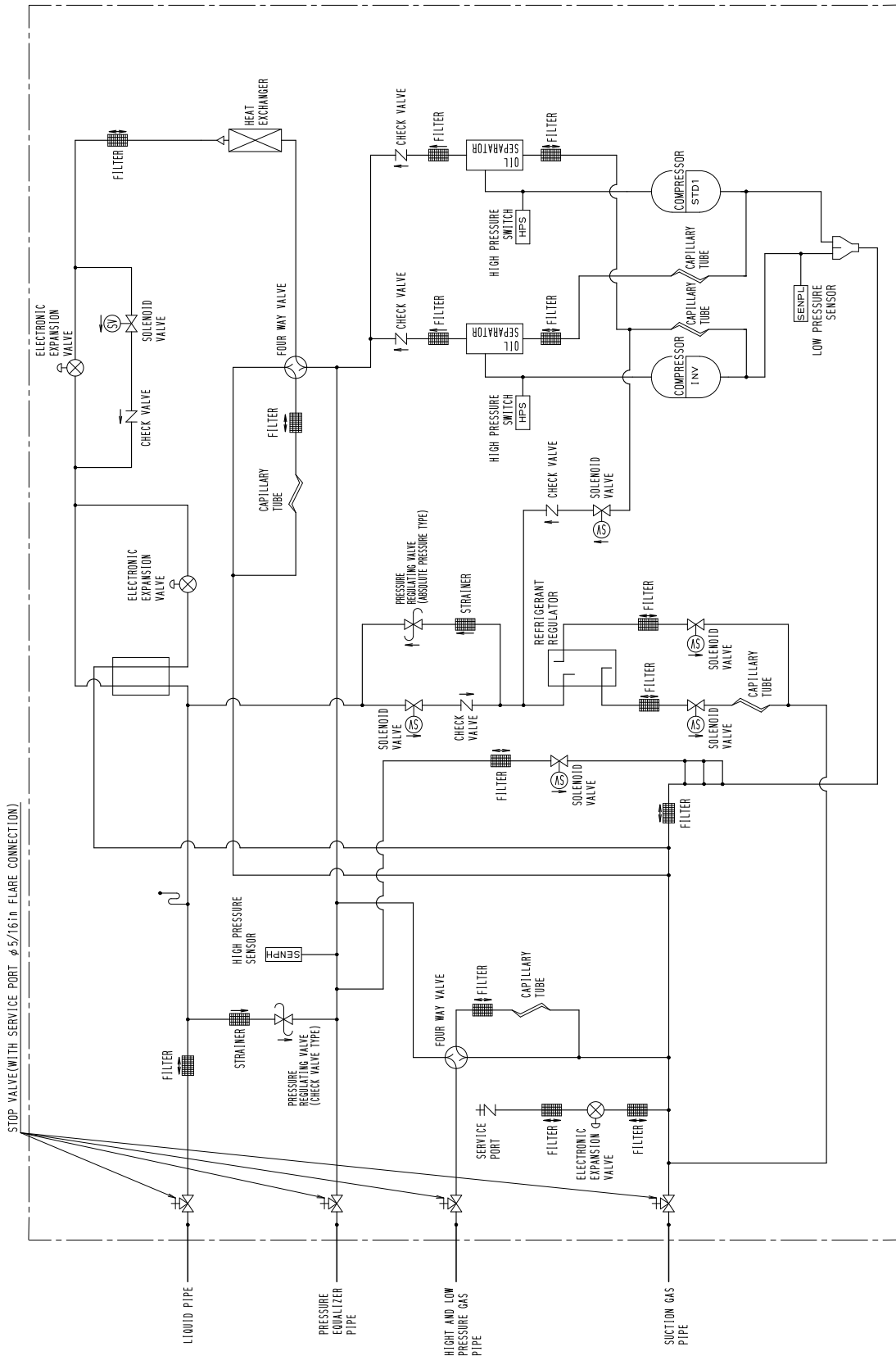


REM72PATJ



3D058637B

REMQ96PATJ / 120PTJUR



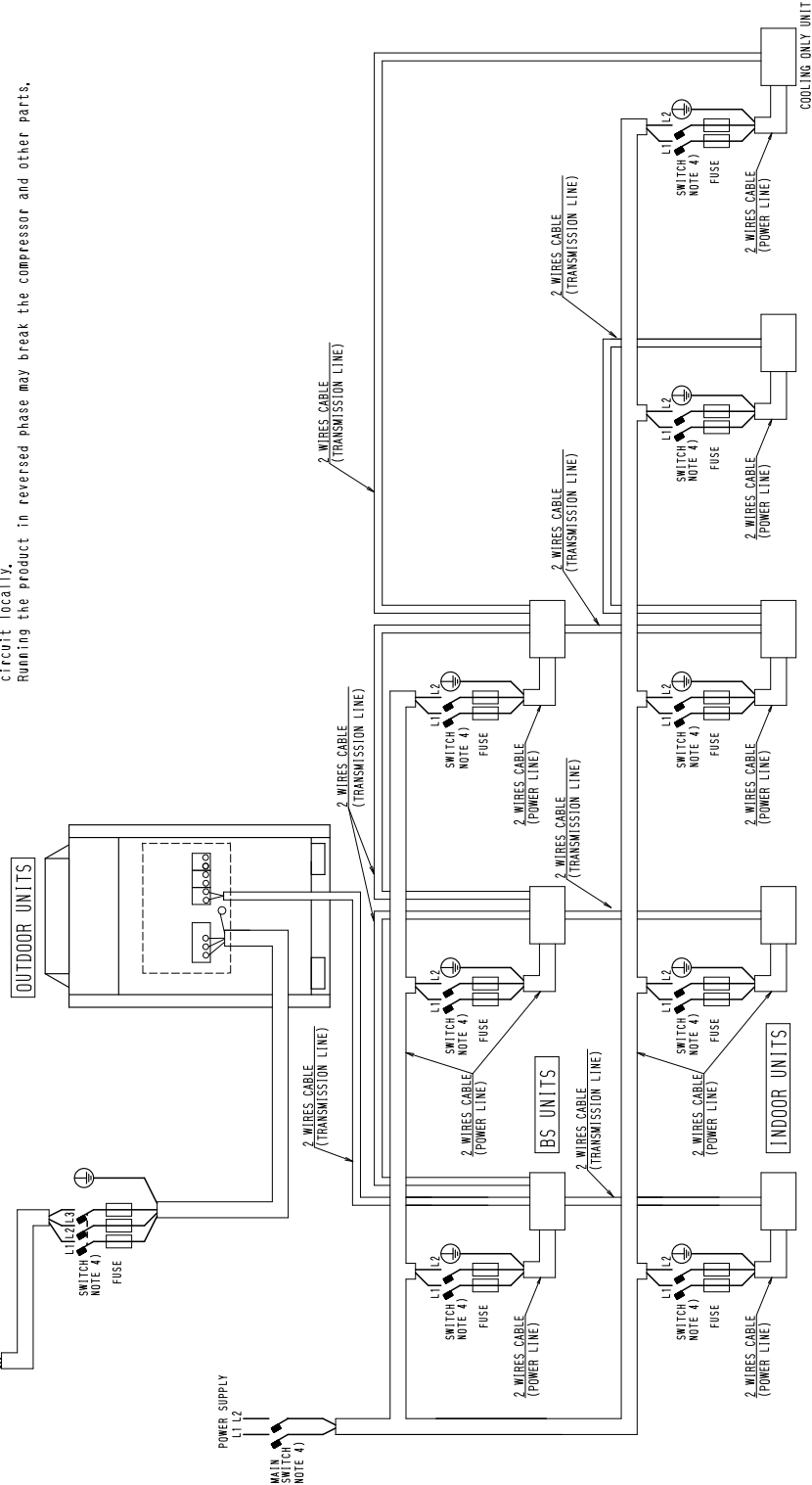
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6. Field Wiring

REYQ72, 96, 120PATJ

- Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes.
 - 2) Use copper conductors only.
 - 3) As for details, see wiring diagram.
 - 4) Install earth leakage circuit breaker for safety.
 - 5) All field wiring and components must be provided by licensed electrician.
 - 6) Unit shall be grounded in compliance with the applicable local and national codes.
 - 7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation.
 - 8) Be sure to install the switch and the fuse to the power line of each equipment.
 - 9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources.
 - 10) If there exists the possibility of reversed phase, lose phase, momentary blackout or the 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) Install earth leakage circuit breaker for safety.
- 5) All field wiring and components must be provided by licensed electrician.



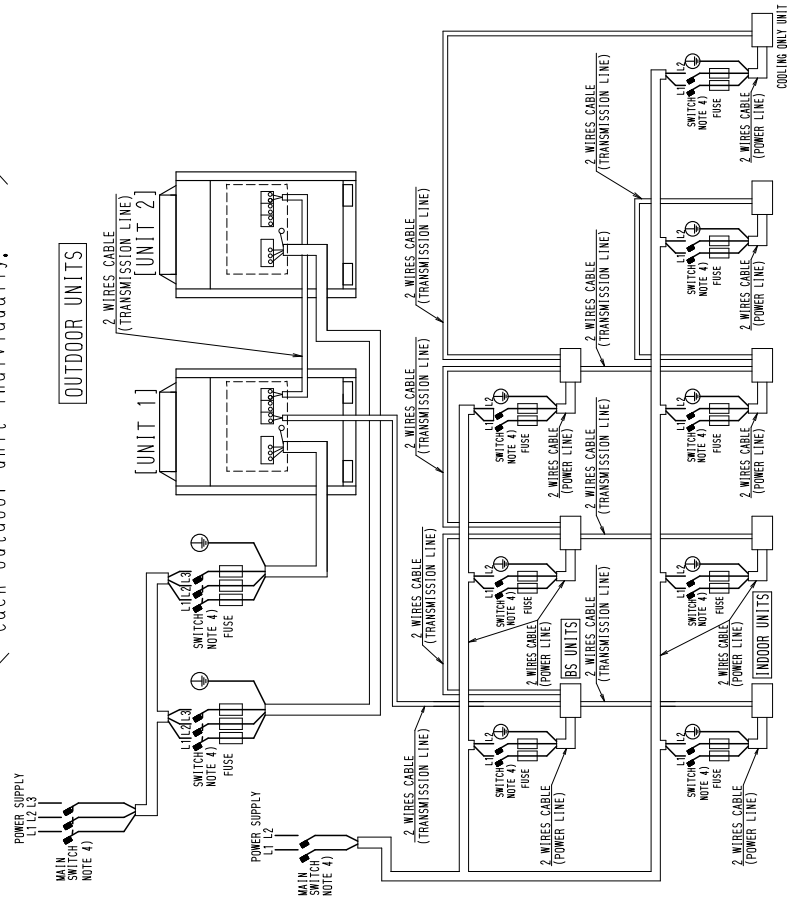
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REYQ144, 168, 192PATJ / REYQ216~240PTJUR

3D059671C

- Notes 1) All wiring, components and materials to be procured on the site must comply with the applicable local and national codes, 2) Use copper conductors only, 3) As for details, see wiring diagram, 4) Install earth leakage circuit breaker for safety, 5) All field wiring and components must be provided by licensed electrician,
- 6) Unit shall be grounded in compliance with the applicable local and national codes, 7) Wiring shown are general points-of-connection guides only and are not intended for or to include all details for a specific installation, 8) Be sure to install the switch and the fuse to the power line of each equipment, 9) Install the main switch that can interrupt all the power sources in an integrated manner because this system consists of the equipment utilizing the multiple power sources, 10) The capacity of UNIT1 must be larger than UNIT2 when the power source is connected in series between the units, 11) If there exists the possibility of reversed phase, lose phase, momentary blackout or the 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.

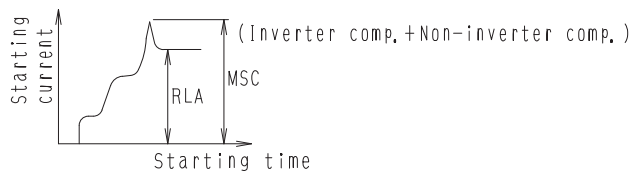
When the power source is supplied to each outdoor unit individually,



7. Electric Characteristics

Model Name	Units				Power supply		Comp.		OFM	
	Hz	Volts	Min.	Max.	MCA	MOP	MSC	RLA	KW	FLA
REYQ72PATJ	60	208-230	187	253	36.1	40	131	4.8 + 14.0	0.35 X 2	1.2 + 1.2
REYQ96PATJ	60	208-230	187	253	43.8	45	131	8.4 + 14.0	0.35 X 2	1.2 + 1.2
REYQ120PATJ	60	208-230	187	253	44.2	50	131	12.0 + 13.6	0.35 X 2	1.4 + 1.4

The relationship between the starting time and the starting current.



Notes:

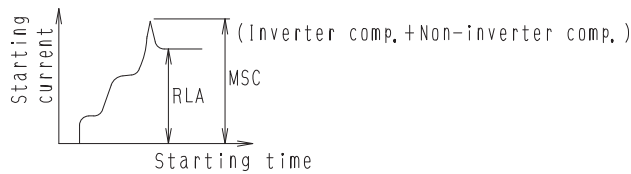
1. RLA is based on the following conditions,
Indoor temp, 80°FDB/67°FWB
Outdoor temp, 95°FDB
2. MSC means the Max. current during the starting of compressor.
3. Voltage range
Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
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 circuit breaker and the ground fault circuit interrupter (ground leakage circuit breaker).

Symbols:

- MCA :Min. Circuit Amps, (A)
MOP : Maximum Overcurrent Protection (A)
MSC :Max. Starting current
RLA :Rated Load Amps, (A)
OFM :Outdoor Fan Motor
FLA :Full Load Amps, (A)
kW :Rated Motor Output(kW)

Model Name			Units				Power supply		Comp.			OFM	
Combination Unit	Independent Unit		Hz	Volts	Min.	Max.	MCA	MOP	MSC	RLA	KW	FLA	
REYQ144PATJ	REMQ72PATJ	REMQ72PATJ	60	208-230	187	253	28.8 + 28.8	40+40	-	14.2 + 14.2	0.75+0.75	1.2+1.2	
REYQ168PATJ	REMQ72PATJ	REMQ96PATJ	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	
REYQ192PATJ	REMQ96PATJ	REMQ96PATJ	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	
REYQ216PTJUR	REMQ96PATJ	REMQ120PTJUR	60	208-230	187	253	36.1+41.3	50+60	154	7.8+16.8+12.2+16.8	0.75+0.75	2.0+2.0	
REYQ240PTJUR	REMQ120PTJUR	REMQ120PTJUR	60	208-230	187	253	41.3+41.3	60+60	155	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°F DB/67, 0°F WB
Outdoor temp, 95°F DB
2. MSC means the Max. current during the starting of 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 circuit breaker and the ground fault circuit interrupter (ground leakage circuit breaker).

Symbols:

- MCA : Minimum Circuit Amps (A)
- MOP : Maximum Overcurrent Protection (A)
- MSC : Max. Starting current
- RLA : Rated Load Amps. (A)
- OFM : Outdoor Fan Motor
- FLA : Full Load Amps. (A)
- kW : Rated Motor Output(kW)

8. Performance

With these new models Daikin can publish full load EER and COP ratings reflective of a complete system comprised of an outdoor unit and ducted indoor units for the new VRV III product portfolio. Ducted indoor units were chosen to provide complete transparency to the market place and ensure both ducted and ductless combinations meet the minimum efficiency levels.

The VRV III PA REYQ_PATJ outdoor unit shall perform as indicated below.

The tested system EER and COP values reflect “full load” efficiency only and are the results from testing to the “Alternate Test Method” (ATM) guidelines provided by the U.S. Department of Energy (DOE) in the Federal Register / Vol. 74, No. 68 / Friday April 10, 2009 / Notices / Pages 16373 – 16377. All tested values surpass the minimum efficiency levels regulated in the DOE Code of Federal Regulation 10 CFR Ch. II § 431.97.

Model Number	EER
REYQ72PATJ	12.6
REYQ96PATJ	11.6
REYQ120PATJ	11.0
REYQ144PATJ	12.2
REYQ168PATJ	11.4
REYQ192PATJ	10.7
REYQ216PTJUR	10.6
REYQ240PTJUR	9.8

Model Number	COP
REYQ72PATJ	3.5
REYQ96PATJ	3.4
REYQ120PATJ	3.3
REYQ144PATJ	3.4
REYQ168PATJ	3.3
REYQ192PATJ	3.2
REYQ216PTJUR	3.2
REYQ240PTJUR	3.2

Performance Conditions

Cooling: indoor temp. of 80°F DB, 67°F WB and outdoor temp. of 95°F DB.

Heating: indoor temp. of 70°F DB and outdoor temp. of 47°F DB, 43°F WB.

Equivalent piping length: 25ft

9. Capacity Tables (Reference Data)

9.1 Cooling Capacity (REYQ-PATJ / PTJUR)

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

REYQ72PATJ

Combi- nation (%)	Outdoor air temp. (°F/DB)	Indoor air temp. °F/WB												Cooling capacity MBH	
		64			67			70			75				
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
90	50	50	1.57	51.1	1.93	58.0	2.22	64.8	2.51	71.6	2.82	78.2	3.03	83.0	3.34
	54	42.0	1.60	51.1	1.97	58.0	2.26	64.8	2.56	71.6	2.88	78.2	3.09	83.0	3.41
	58	40.0	1.63	51.1	2.01	58.0	2.30	64.8	2.60	71.6	2.94	78.2	3.16	83.0	3.48
	62	38.0	1.66	51.1	2.05	58.0	2.34	64.8	2.64	71.6	2.98	78.2	3.20	83.0	3.52
	66	36.0	1.69	51.1	2.09	58.0	2.38	64.8	2.68	71.6	3.02	78.2	3.24	83.0	3.56
	70	34.0	1.72	51.1	2.13	58.0	2.42	64.8	2.72	71.6	3.06	78.2	3.28	83.0	3.60
	74	32.0	1.75	51.1	2.17	58.0	2.46	64.8	2.76	71.6	3.10	78.2	3.32	83.0	3.64
	78	30.0	1.78	51.1	2.21	58.0	2.50	64.8	2.80	71.6	3.14	78.2	3.36	83.0	3.68
	82	28.0	1.81	51.1	2.25	58.0	2.54	64.8	2.84	71.6	3.18	78.2	3.40	83.0	3.72
	86	26.0	1.84	51.1	2.29	58.0	2.58	64.8	2.88	71.6	3.22	78.2	3.44	83.0	3.76
	90	24.0	1.87	51.1	2.33	58.0	2.62	64.8	2.92	71.6	3.26	78.2	3.48	83.0	3.80
	80	50	50	1.40	51.5	1.70	51.5	1.95	57.6	2.20	63.7	2.46	70.2	2.64	73.8
54		37.4	1.42	51.5	1.73	51.5	1.98	57.6	2.24	63.7	2.51	70.2	2.69	73.8	2.98
58		35.4	1.45	51.5	1.77	51.5	2.02	57.6	2.28	63.7	2.57	70.2	2.75	73.8	3.04
62		33.4	1.47	51.5	1.80	51.5	2.07	57.6	2.34	63.7	2.62	70.2	2.81	73.8	3.11
66		31.4	1.50	51.5	1.84	51.5	2.11	57.6	2.39	63.7	2.68	70.2	2.88	73.8	3.20
70		29.4	1.53	51.5	1.88	51.5	2.16	57.6	2.44	63.7	2.74	70.2	2.95	73.8	3.28
74		27.4	1.55	51.5	1.91	51.5	2.19	57.6	2.48	63.7	2.79	70.2	3.01	73.8	3.36
78		25.4	1.58	51.5	1.95	51.5	2.24	57.6	2.53	63.7	2.84	70.2	3.08	73.8	3.44
82		23.4	1.61	51.5	1.99	51.5	2.28	57.6	2.58	63.7	2.89	70.2	3.14	73.8	3.52
86		21.4	1.64	51.5	2.03	51.5	2.33	57.6	2.63	63.7	2.94	70.2	3.20	73.8	3.60
90		19.4	1.67	51.5	2.07	51.5	2.37	57.6	2.68	63.7	2.99	70.2	3.26	73.8	3.68
70		50	50	1.23	39.8	1.49	48.1	1.79	50.4	2.00	55.7	2.27	62.3	2.57	64.6
	54	32.7	1.27	39.8	1.54	48.1	1.75	50.4	1.98	55.7	2.26	62.3	2.56	64.6	2.89
	58	30.7	1.29	39.8	1.57	48.1	1.79	50.4	2.02	55.7	2.25	62.3	2.55	64.6	2.88
	62	28.7	1.32	39.8	1.60	48.1	1.82	50.4	2.06	55.7	2.24	62.3	2.54	64.6	2.87
	66	26.7	1.34	39.8	1.63	48.1	1.86	50.4	2.10	55.7	2.23	62.3	2.53	64.6	2.86
	70	24.7	1.36	39.8	1.65	48.1	1.88	50.4	2.13	55.7	2.22	62.3	2.52	64.6	2.85
	74	22.7	1.38	39.8	1.67	48.1	1.94	50.4	2.17	55.7	2.21	62.3	2.51	64.6	2.84
	78	20.7	1.42	39.8	1.71	48.1	1.98	50.4	2.21	55.7	2.20	62.3	2.50	64.6	2.83
	82	18.7	1.46	39.8	1.75	48.1	2.03	50.4	2.25	55.7	2.19	62.3	2.49	64.6	2.82
	86	16.7	1.50	39.8	1.79	48.1	2.08	50.4	2.29	55.7	2.18	62.3	2.48	64.6	2.81
	90	14.7	1.54	39.8	1.83	48.1	2.13	50.4	2.33	55.7	2.17	62.3	2.47	64.6	2.80
	60	50	50	1.07	34.1	1.28	38.6	1.44	43.2	1.61	47.8	1.79	50.8	1.92	55.3
54		28.0	1.09	34.1	1.30	38.6	1.47	43.2	1.64	47.8	1.83	50.8	1.95	55.3	2.15
58		26.0	1.11	34.1	1.32	38.6	1.50	43.2	1.68	47.8	1.86	50.8	1.99	55.3	2.19
62		24.0	1.13	34.1	1.35	38.6	1.52	43.2	1.71	47.8	1.90	50.8	2.03	55.3	2.24
66		22.0	1.14	34.1	1.37	38.6	1.55	43.2	1.74	47.8	1.94	50.8	2.06	55.3	2.28
70		20.0	1.16	34.1	1.39	38.6	1.58	43.2	1.77	47.8	1.98	50.8	2.10	55.3	2.32
74		18.0	1.17	34.1	1.41	38.6	1.60	43.2	1.80	47.8	2.00	50.8	2.14	55.3	2.36
78		16.0	1.19	34.1	1.43	38.6	1.63	43.2	1.84	47.8	2.04	50.8	2.18	55.3	2.40
82		14.0	1.21	34.1	1.45	38.6	1.66	43.2	1.87	47.8	2.08	50.8	2.22	55.3	2.44
86		12.0	1.23	34.1	1.47	38.6	1.69	43.2	1.91	47.8	2.12	50.8	2.26	55.3	2.48
90		10.0	1.25	34.1	1.49	38.6	1.72	43.2	1.94	47.8	2.16	50.8	2.30	55.3	2.52

TC: Total capacity ; MBH
 PI: Power Input ; kW (Comp.+Outdoor fan motor)
 Note 1: The above table shows the average value of conditions which may occur.

REYQ96PATJ

Combi- nation (%)	Outdoor air temp. (°F/DB)	Indoor air temp. -FWB												Cooling capacity		
		57			61			64			67					
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH			
90	50	56.1	2.49	68.2	3.06	77.3	3.51	85.5	4.47	102	5.75	122	7.73	148	11.1	5.30
	54	56.1	2.53	68.2	3.12	77.3	3.58	86.4	4.06	95.5	4.56	102	5.80	111	5.41	5.30
	58	56.1	2.57	68.2	3.18	77.3	3.65	86.4	4.23	95.5	4.66	102	5.91	111	5.41	5.30
	62	56.1	2.61	68.2	3.24	77.3	3.72	86.4	4.40	95.5	4.76	102	6.02	111	5.41	5.30
	66	56.1	2.65	68.2	3.30	77.3	3.80	86.4	4.57	95.5	4.86	102	6.13	111	5.41	5.30
	70	56.1	2.74	68.2	3.39	77.3	3.90	86.4	4.53	95.5	4.86	102	6.43	111	5.41	5.30
	72	56.1	2.77	68.2	3.43	77.3	3.90	86.4	4.73	95.5	4.56	102	6.59	109	6.00	5.30
	75	56.1	2.82	68.2	3.61	77.3	4.28	86.4	5.00	95.5	4.63	102	6.84	107	6.00	5.30
	79	56.1	3.02	68.2	3.88	77.3	4.60	86.4	5.39	95.5	4.63	102	7.36	104	7.49	5.30
	81	56.1	3.46	68.2	4.47	77.3	5.31	86.4	6.23	95.5	4.63	102	7.78	102	8.15	5.30
80	50	56.1	3.56	68.2	4.59	77.3	5.31	86.4	6.69	95.5	4.63	102	8.54	98.7	8.02	5.30
	54	56.1	3.60	68.2	4.63	77.3	5.31	86.4	6.69	95.5	4.63	102	8.54	98.7	8.02	5.30
	58	56.1	3.64	68.2	4.67	77.3	5.31	86.4	6.69	95.5	4.63	102	8.54	98.7	8.02	5.30
	62	56.1	3.68	68.2	4.71	77.3	5.31	86.4	6.69	95.5	4.63	102	8.54	98.7	8.02	5.30
	66	56.1	3.72	68.2	4.75	77.3	5.31	86.4	6.69	95.5	4.63	102	8.54	98.7	8.02	5.30
	70	56.1	4.22	68.2	5.49	77.3	6.54	86.4	7.70	94.2	6.73	95.3	8.76	97.0	8.82	5.30
	72	56.1	4.51	68.2	5.87	77.3	7.01	86.4	8.25	92.4	6.96	93.6	9.10	95.3	9.10	5.30
	75	56.1	5.21	68.2	6.67	77.3	8.08	86.4	9.49	84.9	6.93	90.3	4.19	98.4	4.62	5.30
	79	56.1	6.06	68.2	7.63	77.3	9.28	86.4	10.84	76.8	6.83	87.9	4.27	98.4	4.72	5.30
	81	56.1	7.00	68.2	8.71	77.3	10.49	86.4	12.34	68.3	6.83	84.9	4.07	98.4	4.82	5.30
70	50	49.8	2.29	60.6	2.75	68.7	3.21	76.8	3.63	84.9	4.15	90.3	4.46	98.4	4.92	5.07
	54	49.8	2.34	60.6	2.86	68.7	3.34	76.8	3.71	84.9	4.25	90.3	4.56	98.4	5.07	5.07
	58	49.8	2.39	60.6	2.97	68.7	3.47	76.8	3.79	84.9	4.34	90.3	4.66	98.4	5.22	5.07
	62	49.8	2.44	60.6	3.08	68.7	3.59	76.8	3.87	84.9	4.44	90.3	4.76	98.4	5.37	5.07
	66	49.8	2.49	60.6	3.19	68.7	3.70	76.8	3.96	84.9	4.54	90.3	4.86	98.4	5.52	5.07
	70	49.8	2.45	60.6	3.01	68.7	3.65	76.8	4.01	84.9	4.61	90.3	4.95	98.4	5.67	5.07
	72	49.8	2.46	60.6	3.01	68.7	3.65	76.8	4.01	84.9	4.61	90.3	4.95	98.4	5.67	5.07
	75	49.8	2.62	60.6	3.33	68.7	3.99	76.8	4.58	84.9	4.58	90.3	5.24	98.4	6.02	5.07
	79	49.8	2.81	60.6	3.57	68.7	4.21	76.8	4.90	84.9	4.58	90.3	5.65	90.3	6.18	5.07
	81	49.8	3.20	60.6	4.09	68.7	4.51	76.8	5.26	84.9	4.58	90.3	6.04	98.4	6.52	5.07
60	50	43.6	1.89	53.0	2.35	60.1	2.72	67.2	3.01	74.3	3.36	79.0	3.69	86.1	3.96	4.13
	54	43.6	1.93	53.0	2.40	60.1	2.78	67.2	3.13	74.3	3.50	79.0	3.75	86.1	4.13	4.13
	58	43.6	1.97	53.0	2.44	60.1	2.83	67.2	3.25	74.3	3.65	79.0	3.81	86.1	4.31	4.13
	62	43.6	2.05	53.0	2.54	60.1	2.89	67.2	3.37	74.3	3.73	79.0	3.91	86.1	4.53	4.13
	66	43.6	2.09	53.0	2.59	60.1	2.95	67.2	3.49	74.3	3.83	79.0	4.02	86.1	4.70	4.13
	70	43.6	2.15	53.0	2.61	60.1	2.98	67.2	3.54	74.3	3.93	79.0	4.17	86.1	4.86	4.13
	72	43.6	2.18	53.0	2.61	60.1	2.98	67.2	3.54	74.3	3.93	79.0	4.17	86.1	4.86	4.13
	75	43.6	2.25	53.0	2.65	60.1	3.07	67.2	3.61	74.3	4.05	79.0	4.41	86.1	5.08	4.13
	79	43.6	2.41	53.0	3.02	60.1	3.53	67.2	4.09	74.3	4.68	79.0	5.10	86.1	5.76	4.13
	81	43.6	2.57	53.0	3.23	60.1	3.78	67.2	4.38	74.3	5.02	79.0	5.88	86.1	6.15	4.13
50	50	43.6	2.63	53.0	3.23	60.1	3.78	67.2	4.38	74.3	5.02	79.0	5.88	86.1	6.15	4.13
	54	43.6	2.68	53.0	3.28	60.1	3.83	67.2	4.43	74.3	5.07	79.0	5.93	86.1	6.20	4.13
	58	43.6	2.73	53.0	3.33	60.1	3.88	67.2	4.48	74.3	5.12	79.0	6.00	86.1	6.25	4.13
	62	43.6	2.78	53.0	3.38	60.1	3.93	67.2	4.53	74.3	5.17	79.0	6.05	86.1	6.30	4.13
	66	43.6	2.83	53.0	3.43	60.1	3.98	67.2	4.58	74.3	5.22	79.0	6.10	86.1	6.35	4.13
	70	43.6	2.88	53.0	3.48	60.1	4.03	67.2	4.63	74.3	5.27	79.0	6.15	86.1	6.40	4.13
	72	43.6	2.93	53.0	3.53	60.1	4.08	67.2	4.68	74.3	5.32	79.0	6.20	86.1	6.45	4.13
	75	43.6	3.11	53.0	3.94	60.1	4.63	67.2	5.38	74.3	6.18	79.0	6.75	86.1	6.81	4.13
	79	43.6	3.31	53.0	4.20	60.1	4.94	67.2	5.78	74.3	6.62	79.0	7.23	86.1	7.27	4.13
	81	43.6	3.51	53.0	4.50	60.1	5.23	67.2	6.18	74.3	7.07	79.0	7.69	86.1	7.74	4.13

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

REYQ144PATJ

Combi- nation (%)	Outdoor air temp. (°F/DB)	Indoor air temp. -FWB												Indoor air temp. -FWB												Cooling capacity																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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		TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW		TC	PI	MBH	KW	TC	PI	MBH	KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
90	50	84.1	3.20	102	3.93	116	4.51	130	5.12	143	5.74	152	6.17	166	6.81	181	7.43	193	8.05	204	8.67	215	9.29	226	9.91	237	10.53	248	11.15	259	11.77	270	12.39	281	13.01	292	13.63	303	14.25	314	14.87	325	15.49	336	16.11	347	16.73	358	17.35	369	17.97	380	18.59	391	19.21	402	19.83	413	20.45	424	21.07	435	21.69	446	22.31	457	22.93	468	23.55	479	24.17	490	24.79	501	25.41	512	26.03	523	26.65	534	27.27	545	27.89	556	28.51	567	29.13	578	29.75	589	30.37	600	30.99	611	31.61	622	32.23	633	32.85	644	33.47	655	34.09	666	34.71	677	35.33	688	35.95	699	36.57	710	37.19	721	37.81	732	38.43	743	39.05	754	39.67	765	40.29	776	40.91	787	41.53	798	42.15	809	42.77	820	43.39	831	44.01	842	44.63	853	45.25	864	45.87	875	46.49	886	47.11	897	47.73	908	48.35	919	48.97	930	49.59	941	50.21	952	50.83	963	51.45	974	52.07	985	52.69	996	53.31	1007	53.93	1018	54.55	1029	55.17	1040	55.79	1051	56.41	1062	57.03	1073	57.65	1084	58.27	1095	58.89	1106	59.51	1117	60.13	1128	60.75	1139	61.37	1150	62.01	1161	62.63	1172	63.25	1183	63.87	1194	64.49	1205	65.11	1216	65.73	1227	66.35	1238	66.97	1249	67.59	1260	68.21	1271	68.83	1282	69.45	1293	70.07	1304	70.69	1315	71.31	1326	71.93	1337	72.55	1348	73.17	1359	73.79	1370	74.41	1381	75.03	1392	75.65	1403	76.27	1414	76.89	1425	77.51	1436	78.13	1447	78.75	1458	79.37	1469	79.99	1480	80.61	1491	81.23	1502	81.85	1513	82.47	1524	83.09	1535	83.71	1546	84.33	1557	84.95	1568	85.57	1579	86.19	1590	86.81	1601	87.43	1612	88.05	1623	88.67	1634	89.29	1645	89.91	1656	90.53	1667	91.15	1678	91.77	1689	92.39	1700	93.01	1711	93.63	1722	94.25	1733	94.87	1744	95.49	1755	96.11	1766	96.73	1777	97.35	1788	97.97	1799	98.59	1810	99.21	1821	99.83	1832	100.45	1843	101.07	1854	101.69	1865	102.31	1876	102.93	1887	103.55	1898	104.17	1909	104.79	1920	105.41	1931	106.03	1942	106.65	1953	107.27	1964	107.89	1975	108.51	1986	109.13	1997	109.75	2008	110.37	2019	110.99	2030	111.61	2041	112.23	2052	112.85	2063	113.47	2074	114.09	2085	114.71	2096	115.33	2107	115.95	2118	116.57	2129	117.19	2140	117.81	2151	118.43	2162	119.05	2173	119.67	2184	120.29	2195	120.91	2206	121.53	2217	122.15	2228	122.77	2239	123.39	2250	124.01	2261	124.63	2272	125.25	2283	125.87	2294	126.49	2305	127.11	2316	127.73	2327	128.35	2338	128.97	2349	129.59	2360	130.21	2371	130.83	2382	131.45	2393	132.07	2404	132.69	2415	133.31	2426	133.93	2437	134.55	2448	135.17	2459	135.79	2470	136.41	2481	137.03	2492	137.65	2503	138.27	2514	138.89	2525	139.51	2536	140.13	2547	140.75	2558	141.37	2569	141.99	2580	142.61	2591	143.23	2602	143.85	2613	144.47	2624	145.09	2635	145.71	2646	146.33	2657	146.95	2668	147.57	2679	148.19	2690	148.81	2701	149.43	2712	150.05	2723	150.67	2734	151.29	2745	151.91	2756	152.53	2767	153.15	2778	153.77	2789	154.39	2800	155.01	2811	155.63	2822	156.25	2833	156.87	2844	157.49	2855	158.11	2866	158.73	2877	159.35	2888	159.97	2899	160.59	2910	161.21	2921	161.83	2932	162.45	2943	163.07	2954	163.69	2965	164.31	2976	164.93	2987	165.55	2998	166.17	3009	166.79	3020	167.41	3031	168.03	3042	168.65	3053	169.27	3064	169.89	3075	170.51	3086	171.13	3097	171.75	3108	172.37	3119	172.99	3130	173.61	3141	174.23	3152	174.85	3163	175.47	3174	176.09	3185	176.71	3196	177.33	3207	177.95	3218	178.57	3229	179.19	3240	179.81	3251	180.43	3262	181.05	3273	181.67	3284	182.29	3295	182.91	3306	183.53	3317	184.15	3328	184.77	3339	185.39	3350	186.01	3361	186.63	3372	187.25	3383	187.87	3394	188.49	3405	189.11	3416	189.73	3427	190.35	3438	190.97	3449	191.59	3460	192.21	3471	192.83	3482	193.45	3493	194.07	3504	194.69	3515	195.31	3526	195.93	3537	196.55	3548	197.17	3559	197.79	3570	198.41	3581	199.03	3592	199.65	3603	200.27	3614	200.89	3625	201.51	3636	202.13	3647	202.75	3658	203.37	3669	203.99	3680	204.61	3691	205.23	3702	205.85	3713	206.47	3724	207.09	3735	207.71	3746	208.33	3757	208.95	3768	209.57	3779	210.19	3790	210.81	3801	211.43	3812	212.05	3823	212.67	3834	213.29	3845	213.91	3856	214.53	3867	215.15	3878	215.77	3889	216.39	3900	217.01	3911	217.63	3922	218.25	3933	218.87	3944	219.49	3955	220.11	3966	220.73	3977	221.35	3988	221.97	3999	222.59	4010	223.21	4021	223.83	4032	224.45	4043	225.07	4054	225.69	4065	226.31	4076	226.93	4087	227.55	4098	228.17	4109	228.79	4120	229.41	4131	230.03	4142	230.65	4153	231.27	4164	231.89	4175	232.51	4186	233.13	4197	233.75	4208	234.37	4219	234.99	4230	235.61	4241	236.23	4252	236.85	4263	237.47	4274	238.09	4285	238.71	4296	239.33	4307	239.95	4318	240.57	4329	241.19	4340	241.81	4351	242.43	4362	243.05	4373	243.67	4384	244.29	4395	244.91	4406	245.53	4417	246.15	4428	246.77	4439	247.39	4450	248.01	4461	248.63	4472	249.25	4483	249.87	4494	250.49	4505	251.11	4516	251.73	4527	252.35	4538	252.97	4549	253.59	4560	254.21	4571	254.83	4582	255.45	4593	256.07	4604	256.69	4615	257.31	4626	257.93	4637	258.55	4648	259.17	4659	259.79	4670	260.41	4681	261.03	4692	261.65	4703	262.27	4714	262.89	4725	263.51	4736	264.13	4747	264.75	4758	265.37	4769	265.99	4780	266.61	4791	267.23	4802	267.85	4813	268.47	4824	269.09	4835	269.71	4846	270.33	4857	270.95	4868	271.57	4879	272.19	4890	272.81	4901	273.43	4912	274.05	4923	274.67	4934	275.29	4945	275.91	4956	276.53	4967	277.15	4978	277.77	4989	278.39	5000	279.01	5011	279.63	5022	280.25	5033	280.87	5044	281.49	5055	282.11	5066	282.73	5077	283.35	5088	283.97	5099	284.59	5110	285.21	5121	285.83	5132	286.45	5143	287.07	5154	287.69	5165	288.31	5176	288.93	5187	289.55	5198	290.17	5209	290.79	5220	291.41	5231	292.03	5242	292.65	5253	293.27	5264	293.89	5275	294.51	5286	295.13	5297	295.75	5308	296.37	5319	296.99	5330	297.61	5341	298.23	5352	298.85	5363	299.47	5374	300.09	5385	300.71	5396	301.33	5407	301.95	5418	302.57	5429	303.19	5440	303.81	5451	304.43	5462	305.05	5473	305.67	5484	306.29	5495	306.91	5506	307.53	5517	308.15	5528	308.77	5539	309.39	5550	310.01	5561	310.63	5572	311.25	5583	311.87	5594	312.49	5605	313.11	5616	313.73	5627	314.35	5638	314.97	5649	315.59	5660	316.21	5671	316.83	5682	317.45	5693	318.07	5704	318.69	5715	319.31	5726	319.93	5737	320.55	5748	321.17	5759	321.79	5770	322.41	5781	323.03	5792	323.65	5803	324.27	5814	324.89	5825	325.51	5836	326.13	5847	326.75	5858	327.37	5869	327.99	5880	328.61	5891	329.23	5902	329.85	5913	330.47	5924	331.09	5935	331.71	5946	332.33	5957	332.95	5968	333.57	5979	334.19	5990	334.81	6001	335.43	6012	336.05	6023	336.67	6034	337.29	6045	337.91	6056	338.53	6067	339.15	6078	339.77	6089	340.39	6100	341.01	6111	341.63	6122	342.

REYQ168PATJ

Combi- nation (%)	Outdoor air temp. (°F/DB)	Indoor air temp. -FWB												Cooling capacity	
		64			67			70			72				75
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH		
90	50	98.1	4.15	119	5.10	135	5.85	151	6.64	167	7.44	178	7.99	184	8.83
	54	98.1	4.22	119	5.20	135	5.97	151	6.77	167	7.60	178	8.16	194	9.01
	58	98.1	4.30	119	5.31	135	6.09	151	7.02	167	7.96	178	8.56	194	9.41
	62	98.1	4.39	119	5.41	135	6.22	151	7.22	167	8.11	178	8.96	194	10.1
	66	98.1	4.48	119	5.53	135	6.36	151	7.28	167	8.11	178	8.96	194	10.1
	70	98.1	4.57	119	5.65	135	6.50	151	7.58	167	8.76	178	9.59	192	10.1
	72	98.1	4.62	119	5.71	135	6.55	151	7.64	167	8.76	178	9.59	192	10.1
	75	98.1	4.70	119	6.02	135	7.13	151	8.38	167	9.11	178	10.07	188	11.4
	79	98.1	5.04	119	6.47	135	7.67	151	9.66	167	10.4	178	11.4	185	12.9
	83	98.1	5.39	119	6.95	135	8.25	151	10.4	167	11.2	178	12.3	185	14.5
80	50	87.2	3.75	106	4.50	120	5.14	134	5.81	149	6.50	158	6.92	172	7.86
	54	87.2	3.82	106	4.58	120	5.24	134	6.05	149	6.64	158	7.12	172	8.06
	58	87.2	3.89	106	4.76	120	5.46	134	6.18	149	6.92	158	7.43	172	8.21
	62	87.2	3.97	106	4.86	120	5.57	134	6.31	149	7.08	158	7.60	172	8.48
	66	87.2	4.05	106	4.96	120	5.69	134	6.45	149	7.40	158	8.08	172	9.15
	70	87.2	4.14	106	5.07	120	5.79	134	6.59	149	7.40	158	8.08	172	9.15
	72	87.2	4.23	106	5.17	120	5.90	134	6.73	149	7.40	158	8.08	172	9.15
	75	87.2	4.37	106	5.55	120	6.54	134	7.60	149	8.76	158	9.57	172	10.9
	79	87.2	4.68	106	5.95	120	7.02	134	8.17	149	9.49	158	10.1	172	11.7
	83	87.2	5.00	106	6.38	120	7.52	134	8.77	149	10.1	158	11.1	172	12.6
70	50	76.3	3.25	92.8	3.96	105	4.58	118	5.02	130	5.70	138	6.00	151	6.91
	54	76.3	3.33	92.8	4.07	105	4.72	118	5.22	130	5.83	138	6.25	151	6.99
	58	76.3	3.42	92.8	4.15	105	4.82	118	5.34	130	5.95	138	6.38	151	7.03
	62	76.3	3.48	92.8	4.23	105	4.92	118	5.44	130	6.08	138	6.52	151	7.19
	66	76.3	3.55	92.8	4.31	105	4.97	118	5.56	130	6.21	138	6.69	151	7.54
	70	76.3	3.58	92.8	4.36	105	4.97	118	5.62	130	6.39	138	6.85	151	7.84
	72	76.3	3.63	92.8	4.42	105	5.12	118	5.91	130	6.75	138	7.35	151	8.29
	75	76.3	3.76	92.8	4.71	105	5.49	118	6.35	130	7.26	138	7.91	151	8.93
	79	76.3	4.01	92.8	5.04	105	5.89	118	6.81	130	7.80	138	8.50	151	9.61
	83	76.3	4.28	92.8	5.39	105	6.31	118	7.30	130	8.37	138	9.15	151	10.3
60	50	65.4	2.83	79.6	3.38	90.2	3.81	101	4.26	111	4.74	118	5.06	129	5.66
	54	65.4	2.88	79.6	3.44	90.2	3.88	101	4.34	111	4.83	118	5.16	129	5.67
	58	65.4	2.92	79.6	3.50	90.2	3.95	101	4.43	111	4.92	118	5.26	129	5.76
	62	65.4	2.97	79.6	3.56	90.2	4.03	101	4.51	111	5.02	118	5.37	129	5.91
	66	65.4	3.02	79.6	3.62	90.2	4.10	101	4.61	111	5.13	118	5.48	129	6.03
	70	65.4	3.10	79.6	3.73	90.2	4.23	101	4.70	111	5.26	118	5.66	129	6.33
	72	65.4	3.14	79.6	3.78	90.2	4.29	101	4.85	111	5.31	118	5.71	129	6.69
	75	65.4	3.20	79.6	3.93	90.2	4.55	101	5.21	111	5.91	118	6.41	129	7.73
	79	65.4	3.40	79.6	4.20	90.2	4.87	101	5.58	111	6.34	118	6.88	129	8.29
	83	65.4	3.62	79.6	4.49	90.2	5.20	101	5.97	111	6.80	118	7.38	129	8.89

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

REYQ192PATJ

Combi- nation (%)	Outdoor air temp. (°F/DB)	Indoor air temp. -FWB												Cooling capacity				
		57				61				64					67			
		TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW		TC	PI	MBH	KW
90	50	112	5.10	136	6.26	155	7.19	173	8.15	191	9.14	203	9.82	221	10.0	234	10.8	103
	54	112	5.19	136	6.39	155	7.34	173	8.32	191	9.34	203	10.0	221	11.1	234	11.8	
	58	112	5.29	136	6.52	155	7.49	173	8.47	191	9.47	203	10.1	221	11.2	234	11.9	
	62	112	5.39	136	6.65	155	7.64	173	8.61	191	9.61	203	10.2	221	12.0	234	12.4	
	66	112	5.50	136	6.79	155	7.81	173	8.82	191	9.86	203	10.3	221	12.4	234	12.4	
	70	112	5.61	136	6.94	155	7.99	173	9.02	191	10.0	203	10.8	221	12.4	234	12.4	
	72	112	5.67	136	7.01	155	8.29	173	9.68	191	11.2	203	12.3	217	13.5	234	13.5	
	75	112	5.77	136	7.10	155	8.76	173	10.2	191	11.8	203	13.0	215	14.0	234	14.7	
	79	112	5.89	136	7.21	155	9.43	173	11.0	191	12.7	203	14.0	211	14.7	234	15.3	
	83	112	6.03	136	7.35	155	10.1	173	11.9	191	14.8	203	15.1	208	16.0	234	16.0	
80	50	112	5.10	136	6.26	155	7.19	173	8.15	191	9.14	203	9.82	221	10.0	234	10.8	103
	54	112	5.19	136	6.39	155	7.34	173	8.32	191	9.34	203	10.0	221	11.1	234	11.8	
	58	112	5.29	136	6.52	155	7.49	173	8.47	191	9.47	203	10.1	221	11.2	234	11.9	
	62	112	5.39	136	6.65	155	7.64	173	8.61	191	9.61	203	10.2	221	12.0	234	12.4	
	66	112	5.50	136	6.79	155	7.81	173	8.82	191	9.86	203	10.3	221	12.4	234	12.4	
	70	112	5.61	136	6.94	155	7.99	173	9.02	191	10.0	203	10.8	221	12.4	234	12.4	
	72	112	5.67	136	7.01	155	8.29	173	9.68	191	11.2	203	12.3	217	13.5	234	13.5	
	75	112	5.77	136	7.10	155	8.76	173	10.2	191	11.8	203	13.0	215	14.0	234	14.7	
	79	112	5.89	136	7.21	155	9.43	173	11.0	191	12.7	203	14.0	211	14.7	234	15.3	
	83	112	6.03	136	7.35	155	10.1	173	11.9	191	14.8	203	15.1	208	16.0	234	16.0	
70	50	112	5.10	136	6.26	155	7.19	173	8.15	191	9.14	203	9.82	221	10.0	234	10.8	103
	54	112	5.19	136	6.39	155	7.34	173	8.32	191	9.34	203	10.0	221	11.1	234	11.8	
	58	112	5.29	136	6.52	155	7.49	173	8.47	191	9.47	203	10.1	221	11.2	234	11.9	
	62	112	5.39	136	6.65	155	7.64	173	8.61	191	9.61	203	10.2	221	12.0	234	12.4	
	66	112	5.50	136	6.79	155	7.81	173	8.82	191	9.86	203	10.3	221	12.4	234	12.4	
	70	112	5.61	136	6.94	155	7.99	173	9.02	191	10.0	203	10.8	221	12.4	234	12.4	
	72	112	5.67	136	7.01	155	8.29	173	9.68	191	11.2	203	12.3	217	13.5	234	13.5	
	75	112	5.77	136	7.10	155	8.76	173	10.2	191	11.8	203	13.0	215	14.0	234	14.7	
	79	112	5.89	136	7.21	155	9.43	173	11.0	191	12.7	203	14.0	211	14.7	234	15.3	
	83	112	6.03	136	7.35	155	10.1	173	11.9	191	14.8	203	15.1	208	16.0	234	16.0	
60	50	112	5.10	136	6.26	155	7.19	173	8.15	191	9.14	203	9.82	221	10.0	234	10.8	103
	54	112	5.19	136	6.39	155	7.34	173	8.32	191	9.34	203	10.0	221	11.1	234	11.8	
	58	112	5.29	136	6.52	155	7.49	173	8.47	191	9.47	203	10.1	221	11.2	234	11.9	
	62	112	5.39	136	6.65	155	7.64	173	8.61	191	9.61	203	10.2	221	12.0	234	12.4	
	66	112	5.50	136	6.79	155	7.81	173	8.82	191	9.86	203	10.3	221	12.4	234	12.4	
	70	112	5.61	136	6.94	155	7.99	173	9.02	191	10.0	203	10.8	221	12.4	234	12.4	
	72	112	5.67	136	7.01	155	8.29	173	9.68	191	11.2	203	12.3	217	13.5	234	13.5	
	75	112	5.77	136	7.10	155	8.76	173	10.2	191	11.8	203	13.0	215	14.0	234	14.7	
	79	112	5.89	136	7.21	155	9.43	173	11.0	191	12.7	203	14.0	211	14.7	234	15.3	
	83	112	6.03	136	7.35	155	10.1	173	11.9	191	14.8	203	15.1	208	16.0	234	16.0	

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

REYQ216PTJUR

Cooling capacity

Cooling capacity

Combi- nation (%)	Outdoor air temp. (F/DB)	Indoor air temp. F/WB													
		64				67				70					
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
90	50	126	5.78	153	7.10	174	8.15	194	9.24	215	10.4	229	11.1	249	12.3
	54	126	5.88	153	7.24	174	8.32	194	9.43	215	10.6	229	11.4	249	12.6
	58	126	6.01	153	7.54	174	8.67	194	9.83	215	11.0	229	11.9	249	13.1
	62	126	6.16	153	7.90	174	9.06	194	10.26	215	11.3	229	12.3	249	14.0
	66	126	6.33	153	8.26	174	9.45	194	10.71	215	11.7	229	12.7	249	14.6
	70	126	6.53	153	8.74	174	10.09	194	11.24	215	12.2	229	13.4	249	15.5
	72	126	6.74	153	9.24	174	10.54	194	11.81	215	12.7	229	14.2	249	16.5
	75	126	7.01	153	9.83	174	11.15	194	12.55	215	13.4	229	15.3	249	17.8
	79	126	7.35	153	10.54	174	12.01	194	13.55	215	14.5	229	16.8	249	19.4
	83	126	7.81	153	11.44	174	13.14	194	14.81	215	16.0	229	18.4	249	21.6
	87	126	8.39	153	12.64	174	14.54	194	16.54	215	17.8	229	20.6	249	24.4
	91	126	9.09	153	14.17	174	16.24	194	18.64	215	19.9	229	23.2	249	27.8
95	126	9.94	153	16.14	174	18.34	194	21.14	215	22.4	229	26.1	249	31.8	
99	126	10.94	153	18.54	174	21.14	194	24.14	215	25.1	229	29.4	249	36.4	
103	126	12.14	153	21.44	174	24.54	194	27.54	215	28.4	229	33.1	249	41.4	
80	50	112	5.14	136	6.26	156	7.16	173	8.09	191	9.06	203	9.72	221	10.7
	54	112	5.23	136	6.51	156	7.30	173	8.26	191	9.25	203	9.91	221	11.0
	58	112	5.32	136	6.81	156	7.45	173	8.43	191	9.44	203	10.1	221	11.4
	62	112	5.42	136	7.16	156	7.60	173	8.61	191	9.64	203	10.4	221	11.8
	66	112	5.53	136	7.57	156	7.76	173	8.79	191	9.86	203	10.6	221	12.2
	70	112	5.63	136	8.04	156	7.93	173	8.99	191	10.3	203	11.2	221	12.7
	72	112	5.79	136	8.54	156	8.15	173	9.31	191	10.7	203	11.7	221	13.2
	75	112	5.99	136	9.14	156	8.42	173	9.81	191	11.2	203	12.3	221	13.8
	79	112	6.29	136	9.83	156	8.74	173	10.6	191	12.2	203	13.3	221	15.1
	83	112	6.69	136	10.64	156	9.11	173	11.4	191	13.1	203	14.3	221	16.5
	87	112	7.19	136	11.64	156	9.54	173	12.2	191	14.1	203	15.4	221	17.5
	91	112	7.84	136	12.94	156	10.04	173	13.1	191	15.1	203	16.6	221	18.8
95	112	8.64	136	14.64	156	10.64	173	14.0	191	16.2	203	17.8	217	19.5	
99	112	9.64	136	16.84	156	11.44	173	15.0	191	17.4	203	19.1	213	20.3	
103	112	10.94	136	19.64	156	12.44	173	16.1	191	18.7	203	20.5	209	21.1	
70	50	98.1	4.53	119	5.65	137	6.21	151	6.85	167	7.60	178	8.20	194	9.00
	54	98.1	4.63	119	5.97	135	6.45	151	7.22	167	8.12	178	8.70	194	9.59
	58	98.1	4.76	119	6.36	135	6.71	151	7.57	167	8.29	178	8.88	194	9.80
	62	98.1	4.85	119	6.71	135	6.95	151	7.87	167	8.47	178	9.08	194	10.0
	66	98.1	4.94	119	7.01	135	7.16	151	8.15	167	8.65	178	9.28	194	10.5
	70	98.1	5.06	119	7.35	135	7.43	151	8.43	167	8.90	178	9.48	194	10.9
	72	98.1	5.19	119	7.69	135	7.71	151	8.71	167	9.18	178	9.68	194	11.2
	75	98.1	5.32	119	8.04	135	8.00	151	9.00	167	9.41	178	9.88	194	11.6
	79	98.1	5.49	119	8.41	135	8.31	151	9.31	167	9.64	178	10.0	194	12.0
	83	98.1	5.71	119	8.81	135	8.64	151	9.64	167	9.91	178	10.2	194	12.4
	87	98.1	6.01	119	9.24	135	9.01	151	10.01	167	10.18	178	10.4	194	12.8
	91	98.1	6.36	119	9.71	135	9.51	151	10.36	167	10.36	178	10.6	194	13.2
95	98.1	6.76	119	10.24	135	9.91	151	10.74	167	10.54	178	10.8	194	13.6	
99	98.1	7.21	119	10.84	135	10.36	151	11.16	167	10.72	178	11.0	194	14.0	
103	98.1	7.68	119	11.54	135	10.74	151	11.54	167	10.90	178	11.2	194	14.4	
60	50	84.1	3.95	102	4.71	116	5.31	130	5.94	143	6.60	152	7.05	166	7.74
	54	84.1	4.01	102	4.79	116	5.40	130	6.05	143	6.72	152	7.16	166	7.80
	58	84.1	4.07	102	4.87	116	5.50	130	6.17	143	6.86	152	7.33	166	8.06
	62	84.1	4.14	102	4.96	116	5.61	130	6.29	143	6.99	152	7.48	166	8.23
	66	84.1	4.21	102	5.05	116	5.72	130	6.41	143	7.14	152	7.64	166	8.40
	70	84.1	4.32	102	5.19	116	5.83	130	6.53	143	7.37	152	7.89	166	8.52
	72	84.1	4.46	102	5.27	116	5.98	130	6.75	143	7.67	152	8.31	166	8.82
	75	84.1	4.58	102	5.48	116	6.16	130	7.01	143	7.92	152	8.52	166	9.00
	79	84.1	4.74	102	5.86	116	6.38	130	7.27	143	8.23	152	8.83	166	9.18
	83	84.1	5.05	102	6.25	116	6.75	130	7.77	143	8.64	152	9.16	166	9.36
	87	84.1	5.37	102	6.69	116	7.14	130	8.20	143	9.01	152	9.47	166	9.54
	91	84.1	5.74	102	7.11	116	7.64	130	8.64	143	9.36	152	9.78	166	9.72
95	84.1	6.16	102	7.57	116	8.16	130	9.16	143	9.72	152	10.0	166	9.90	
99	84.1	6.64	102	8.04	116	8.64	130	9.64	143	10.16	152	10.2	166	10.08	
103	84.1	7.16	102	8.54	116	9.16	130	10.16	143	10.36	152	10.4	166	10.26	
50	50	70.1	3.40	85.2	3.99	99.6	4.56	108	4.98	119	5.46	127	5.92	138	6.36
	54	70.1	3.45	85.2	4.06	99.6	4.56	108	5.04	119	5.56	127	5.92	138	6.40
	58	70.1	3.50	85.2	4.12	99.6	4.61	108	5.13	119	5.67	127	6.05	138	6.60
	62	70.1	3.55	85.2	4.19	99.6	4.70	108	5.22	119	5.78	127	6.15	138	6.74
	66	70.1	3.61	85.2	4.26	99.6	4.78	108	5.32	119	5.89	127	6.28	138	6.88
	70	70.1	3.67	85.2	4.34	99.6	4.87	108	5.43	119	6.01	127	6.41	138	7.02
	72	70.1	3.69	85.2	4.37	99.6	4.91	108	5.46	119	6.07	127	6.47	138	7.10
	75	70.1	3.74	85.2	4.43	99.6	4.99	108	5.56	119	6.19	127	6.59	138	7.34
	79	70.1	3.80	85.2	4.52	99.6	5.14	108	5.66	119	6.36	127	6.70	138	7.58
	83	70.1	3.91	85.2	4.62	99.6	5.24	108	5.76	119	6.52	127	6.81	138	7.82
	87	70.1	4.01	85.2	4.73	99.6	5.36	108	5.88	119	6.68	127	6.92	138	8.06
	91	70.1	4.11	85.2	4.85	99.6	5.49	108	6.01	119	6.82	127	7.03	138	8.30
95	70.1	4.21	85.2	5.00	99.6	5.64	108	6.16	119	7.07	127	7.14	138	8.54	
99	70.1	4.31	85.2	5.16	99.6	5.80	108	6.32	119	7.32	127	7.25	138	8.78	
103	70.1	4.41	85.2	5.32	99.6	6.00	108	6.52	119	7.60	127	7.36	138	9.02	

Combi- nation (%)	Outdoor air temp. (F/DB)	Indoor air temp. F/WB													
		64				67				70					
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
130	50	182	8.59	222	10.7	251	12.4	272	13.9	278	14.3	287	15.1	287	15.1
	54	182	8.76	222	11.0	251	12.7	268	13.2	274	13.5	277	14.3	287	15.1
	58	182	8.93	222	11.4	251	13.0	264	13.4	270	13.6	275	14.3	287	15.1
	62	182	9.10	222	11.8	251	13.4	260	13.6	266	13.8	271	14.6	287	15.1
	66	182	9.34	222	12.2	251	13.8	256	13.8	262	14.0	266	14.5	271	14.6
	70	182	9.65	222	12.8	247	14.5	253	15.1	258	15.2	261	15.7	264	15.4
	72	182	10.0	222	13.3	245	15.3	251	15.4	256	15.6	260	16.2	265	15.8
	75	182	10.6	222	14.1	242	15.9	248	16.4	253	16.2	257	17.0	269	17.2
	79	182	11.4	222	15.2	238	16.6	244	17.4	249	16.9	253	17.8	275	18.0
	83	182	12.3	222	16.3	234	17.4	240	18.2	245	17.7	249	18.7	281	18.2
	87	182	13.2	222	17										

9.2 Heating Capacity (REYQ-PATJ / PTJUR)

REYQ72PATJ

Combit-nation (%)	Outdoor air temp. (F/Del)		Indoor air temp. °F/DB												Heating capacity																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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			TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW			TC	PI	MBH	KW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
100	-3.64 -1.84 5.5 9.5 13.0 17.0 22.0 26.0 30.0 35.0 39.0 43.0 47.0 51.0 54.0 57.0 60.0	-4.0 -2.2 1.2 5.2 9.2 13.2 17.2 21.2 25.2 29.2 33.2 37.2 41.2 45.2 49.2 53.2 57.2	70.2	6.58	70.9	6.72	71.6	6.87	72.3	7.02	73.0	7.17	73.7	7.32	74.4	7.47	75.1	7.62	75.8	7.77	76.5	7.92	77.2	8.07	77.9	8.22	78.6	8.37	79.3	8.52	80.0	8.67	80.7	8.82	81.4	8.97	82.1	9.12	82.8	9.27	83.5	9.42	84.2	9.57	84.9	9.72	85.6	9.87	86.3	10.02	87.0	10.17	87.7	10.32	88.4	10.47	89.1	10.62	89.8	10.77	90.5	10.92	91.2	11.07	91.9	11.22	92.6	11.37	93.3	11.52	94.0	11.67	94.7	11.82	95.4	11.97	96.1	12.12	96.8	12.27	97.5	12.42	98.2	12.57	98.9	12.72	99.6	12.87	100.3	13.02	101.0	13.17	101.7	13.32	102.4	13.47	103.1	13.62	103.8	13.77	104.5	13.92	105.2	14.07	105.9	14.22	106.6	14.37	107.3	14.52	108.0	14.67	108.7	14.82	109.4	14.97	110.1	15.12	110.8	15.27	111.5	15.42	112.2	15.57	112.9	15.72	113.6	15.87	114.3	16.02	115.0	16.17	115.7	16.32	116.4	16.47	117.1	16.62	117.8	16.77	118.5	16.92	119.2	17.07	119.9	17.22	120.6	17.37	121.3	17.52	122.0	17.67	122.7	17.82	123.4	17.97	124.1	18.12	124.8	18.27	125.5	18.42	126.2	18.57	126.9	18.72	127.6	18.87	128.3	19.02	129.0	19.17	129.7	19.32	130.4	19.47	131.1	19.62	131.8	19.77	132.5	19.92	133.2	20.07	133.9	20.22	134.6	20.37	135.3	20.52	136.0	20.67	136.7	20.82	137.4	20.97	138.1	21.12	138.8	21.27	139.5	21.42	140.2	21.57	140.9	21.72	141.6	21.87	142.3	22.02	143.0	22.17	143.7	22.32	144.4	22.47	145.1	22.62	145.8	22.77	146.5	22.92	147.2	23.07	147.9	23.22	148.6	23.37	149.3	23.52	150.0	23.67	150.7	23.82	151.4	23.97	152.1	24.12	152.8	24.27	153.5	24.42	154.2	24.57	154.9	24.72	155.6	24.87	156.3	25.02	157.0	25.17	157.7	25.32	158.4	25.47	159.1	25.62	159.8	25.77	160.5	25.92	161.2	26.07	161.9	26.22	162.6	26.37	163.3	26.52	164.0	26.67	164.7	26.82	165.4	26.97	166.1	27.12	166.8	27.27	167.5	27.42	168.2	27.57	168.9	27.72	169.6	27.87	170.3	28.02	171.0	28.17	171.7	28.32	172.4	28.47	173.1	28.62	173.8	28.77	174.5	28.92	175.2	29.07	175.9	29.22	176.6	29.37	177.3	29.52	178.0	29.67	178.7	29.82	179.4	29.97	180.1	30.12	180.8	30.27	181.5	30.42	182.2	30.57	182.9	30.72	183.6	30.87	184.3	31.02	185.0	31.17	185.7	31.32	186.4	31.47	187.1	31.62	187.8	31.77	188.5	31.92	189.2	32.07	189.9	32.22	190.6	32.37	191.3	32.52	192.0	32.67	192.7	32.82	193.4	32.97	194.1	33.12	194.8	33.27	195.5	33.42	196.2	33.57	196.9	33.72	197.6	33.87	198.3	34.02	199.0	34.17	199.7	34.32	200.4	34.47	201.1	34.62	201.8	34.77	202.5	34.92	203.2	35.07	203.9	35.22	204.6	35.37	205.3	35.52	206.0	35.67	206.7	35.82	207.4	35.97	208.1	36.12	208.8	36.27	209.5	36.42	210.2	36.57	210.9	36.72	211.6	36.87	212.3	37.02	213.0	37.17	213.7	37.32	214.4	37.47	215.1	37.62	215.8	37.77	216.5	37.92	217.2	38.07	217.9	38.22	218.6	38.37	219.3	38.52	220.0	38.67	220.7	38.82	221.4	38.97	222.1	39.12	222.8	39.27	223.5	39.42	224.2	39.57	224.9	39.72	225.6	39.87	226.3	40.02	227.0	40.17	227.7	40.32	228.4	40.47	229.1	40.62	229.8	40.77	230.5	40.92	231.2	41.07	231.9	41.22	232.6	41.37	233.3	41.52	234.0	41.67	234.7	41.82	235.4	41.97	236.1	42.12	236.8	42.27	237.5	42.42	238.2	42.57	238.9	42.72	239.6	42.87	240.3	43.02	241.0	43.17	241.7	43.32	242.4	43.47	243.1	43.62	243.8	43.77	244.5	43.92	245.2	44.07	245.9	44.22	246.6	44.37	247.3	44.52	248.0	44.67	248.7	44.82	249.4	44.97	250.1	45.12	250.8	45.27	251.5	45.42	252.2	45.57	252.9	45.72	253.6	45.87	254.3	46.02	255.0	46.17	255.7	46.32	256.4	46.47	257.1	46.62	257.8	46.77	258.5	46.92	259.2	47.07	259.9	47.22	260.6	47.37	261.3	47.52	262.0	47.67	262.7	47.82	263.4	47.97	264.1	48.12	264.8	48.27	265.5	48.42	266.2	48.57	266.9	48.72	267.6	48.87	268.3	49.02	269.0	49.17	269.7	49.32	270.4	49.47	271.1	49.62	271.8	49.77	272.5	49.92	273.2	50.07	273.9	50.22	274.6	50.37	275.3	50.52	276.0	50.67	276.7	50.82	277.4	50.97	278.1	51.12	278.8	51.27	279.5	51.42	280.2	51.57	280.9	51.72	281.6	51.87	282.3	52.02	283.0	52.17	283.7	52.32	284.4	52.47	285.1	52.62	285.8	52.77	286.5	52.92	287.2	53.07	287.9	53.22	288.6	53.37	289.3	53.52	290.0	53.67	290.7	53.82	291.4	53.97	292.1	54.12	292.8	54.27	293.5	54.42	294.2	54.57	294.9	54.72	295.6	54.87	296.3	55.02	297.0	55.17	297.7	55.32	298.4	55.47	299.1	55.62	299.8	55.77	300.5	55.92	301.2	56.07	301.9	56.22	302.6	56.37	303.3	56.52	304.0	56.67	304.7	56.82	305.4	56.97	306.1	57.12	306.8	57.27	307.5	57.42	308.2	57.57	308.9	57.72	309.6	57.87	310.3	58.02	311.0	58.17	311.7	58.32	312.4	58.47	313.1	58.62	313.8	58.77	314.5	58.92	315.2	59.07	315.9	59.22	316.6	59.37	317.3	59.52	318.0	59.67	318.7	59.82	319.4	59.97	320.1	60.12	320.8	60.27	321.5	60.42	322.2	60.57	322.9	60.72	323.6	60.87	324.3	61.02	325.0	61.17	325.7	61.32	326.4	61.47	327.1	61.62	327.8	61.77	328.5	61.92	329.2	62.07	329.9	62.22	330.6	62.37	331.3	62.52	332.0	62.67	332.7	62.82	333.4	62.97	334.1	63.12	334.8	63.27	335.5	63.42	336.2	63.57	336.9	63.72	337.6	63.87	338.3	64.02	339.0	64.17	339.7	64.32	340.4	64.47	341.1	64.62	341.8	64.77	342.5	64.92	343.2	65.07	343.9	65.22	344.6	65.37	345.3	65.52	346.0	65.67	346.7	65.82	347.4	65.97	348.1	66.12	348.8	66.27	349.5	66.42	350.2	66.57	350.9	66.72	351.6	66.87	352.3	67.02	353.0	67.17	353.7	67.32	354.4	67.47	355.1	67.62	355.8	67.77	356.5	67.92	357.2	68.07	357.9	68.22	358.6	68.37	359.3	68.52	360.0	68.67	360.7	68.82	361.4	68.97	362.1	69.12	362.8	69.27	363.5	69.42	364.2	69.57	364.9	69.72	365.6	69.87	366.3	70.02	367.0	70.17	367.7	70.32	368.4	70.47	369.1	70.62	369.8	70.77	370.5	70.92	371.2	71.07	371.9	71.22	372.6	71.37	373.3	71.52	374.0	71.67	374.7	71.82	375.4	71.97	376.1	72.12	376.8	72.27	377.5	72.42	378.2	72.57	378.9	72.72	379.6	72.87	380.3	73.02	381.0	73.17	381.7	73.32	382.4	73.47	383.1	73.62	383.8	73.77	384.5	73.92	385.2	74.07	385.9	74.22	386.6	74.37	387.3	74.52	388.0	74.67	388.7	74.82	389.4	74.97	390.1	75.12	390.8	75.27	391.5	75.42	392.2	75.57	392.9	75.72	393.6	75.87	394.3	76.02	395.0	76.17	395.7	76.32	396.4	76.47	397.1	76.62	397.8	76.77	398.5	76.92	399.2	77.07	399.9	77.22	400.6	77.37	401.3	77.52	402.0	77.67	402.7	77.82	403.4	77.97	404.1	78.12	404.8	78.27	405.5	78.42	406.2	78.57	406.9	78.72	407.6	78.87	408.3	79.02	409.0	79.17	409.7	79.32	410.4	79.47	411.1	79.62	411.8	79.77	412.5	79.92	413.2	80.07	413.9	80.22	414.6	80.37	415.3	80.52	416.0	80.67	416.7	80.82	417.4	80.97	418.1	81.12	418.8	81.27	419.5	81.42	420.2	81.57	420.9	81.72	421.6	81.87	422.3	82.02	423.0	82.17	423.7	82.32	424.4	82.47	425.1	82.62	425.8	82.77	426.5	82.92	427.2	83.07	427.9	83.22	428.6	83.37	429.3	83.52	430.0	83.67	430.7	83.82	431.4	83.97	432.1	84.12	432.8	84.27	433.5	84.42	434.2	84.57	434.9	84.72	435.6	84.87	436.3	85.02	437.0	85.17	437.7	85.32	438.4	85.47	439.1	85.62	439.8	85.77	440.5	85.92	441.2	86.07	441.9	86.22	442.6	86.37	443.3	86.52	444.0	86.67	444.7	86.82	445.4	86.97	446.1	87.12	446.8	87.27	447.5	87.42	448.2	87.57	448.9	87.72	449.6	87.87	450.3	88.02	451.0	88.17	451.7	88.32	452.4	88.47	453.1	88.62	453.8	88.77	454.5	88.92	455.2	89.07	455.9	89.22	456.6	89.37	457.3	89.52	458.0	89.67	458.7	89.82	459.4	89.97	460.1	90.12	460.8	90.27	461.5	90.42	462.2	90.57	462.9	90.72	463.6	90.87	464.3	91.02	465.0	91.17	465.7	91.32	466.4	91.47	467.1	91.62	467.8	91.77	468.5	91.92	469.2	92.07	469.9	92.22	470.6	92.37	471.3	92.52	472.0	92.67	472.7	92.82	473.4	92.97	474.1	93.12	474.8	93.27	475.5	93.42	476.2	93.57	476.9	93.72	477.6	93.87	478.3	94.02	479.0	94.17	479.7	94.32	480.4	94.47

Heating capacity

Combustion (%)	Outdoor air temp. (°F/°C)	Indoor air temp. °F/DB												
		61		65		68		70		72		75		
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	
70	-3.64	-4.0	66.1	7.48	61.9	690	58.8	64.7	56.7	62.0	54.6	5.92	51.5	5.52
	-1.84	-2.2	66.1	7.43	61.9	685	58.8	64.3	56.7	61.5	54.6	5.88	51.5	5.48
	5.5	5.0	66.1	7.13	61.9	658	58.8	61.8	56.7	59.1	54.6	5.65	51.5	5.28
	9.5	8.5	66.1	6.95	61.9	641	58.8	60.2	56.7	57.7	54.6	5.52	51.5	5.15
	13.0	12.0	66.1	6.74	61.9	623	58.8	58.5	56.7	56.1	54.6	5.36	51.5	5.01
	17.0	15.5	66.1	6.62	61.9	612	58.8	57.5	56.7	55.1	54.6	5.27	51.5	4.92
	19.0	18.0	66.1	6.53	61.9	603	58.8	56.7	56.7	54.3	54.6	5.20	51.5	4.86
	22.0	20.0	66.1	6.37	61.9	589	58.8	55.3	56.7	53.0	54.6	5.08	51.5	4.74
	30.0	24.0	66.1	5.96	61.9	576	58.8	54.2	56.7	52.0	54.6	4.98	51.5	4.65
	35.0	32.0	66.1	5.69	61.9	552	58.8	51.9	56.7	4.98	54.6	4.77	51.5	4.46
	39.0	36.0	66.1	5.42	61.9	527	58.8	49.6	56.7	4.76	54.6	4.56	51.5	4.27
	44.0	40.0	66.1	5.15	61.9	502	58.8	47.3	56.7	4.54	54.6	4.35	51.5	4.08
47.0	43.0	66.1	4.89	61.9	478	58.8	45.0	56.7	4.33	54.6	4.15	51.5	3.89	
51.0	47.0	66.1	4.70	61.9	454	58.8	42.8	56.7	4.12	54.6	3.95	51.5	3.70	
54.0	50.0	66.1	4.46	61.9	437	58.8	41.2	56.7	3.96	54.6	3.80	51.5	3.57	
57.0	53.0	66.1	4.28	61.9	398	58.8	37.7	56.7	3.76	54.6	3.62	51.5	3.40	
60.0	56.0	66.1	4.11	61.9	383	58.8	36.2	56.7	3.62	54.6	3.48	51.5	3.27	
			3.95	61.9	368	58.8	34.9	56.7	3.49	54.6	3.35	51.5	3.15	
			6.19	53.1	573	50.4	5.39	48.6	5.17	46.8	4.95	44.1	4.62	
	-1.84	-2.2	56.7	6.15	53.1	569	50.4	5.35	48.6	5.13	46.8	4.91	44.1	4.59
	5.5	5.0	56.7	5.91	53.1	547	50.4	5.15	48.6	4.94	46.8	4.73	44.1	4.43
	9.5	8.5	56.7	5.77	53.1	534	50.4	5.03	48.6	4.82	46.8	4.62	44.1	4.32
	13.0	12.0	56.7	5.61	53.1	519	50.4	4.89	48.6	4.69	46.8	4.50	44.1	4.21
	15.0	14.0	56.7	5.51	53.1	510	50.4	4.81	48.6	4.61	46.8	4.42	44.1	4.14
	17.0	15.5	56.7	5.43	53.1	504	50.4	4.74	48.6	4.55	46.8	4.37	44.1	4.09
	19.0	18.0	56.7	5.30	53.1	492	50.4	4.63	48.6	4.45	46.8	4.27	44.1	4.00
	22.0	20.0	56.7	5.20	53.1	482	50.4	4.54	48.6	4.36	46.8	4.18	44.1	3.92
	30.0	28.0	56.7	4.98	53.1	462	50.4	4.36	48.6	4.19	46.8	4.02	44.1	3.77
	35.0	32.0	56.7	4.54	53.1	442	50.4	4.17	48.6	4.01	46.8	3.85	44.1	3.61
	39.0	36.0	56.7	4.33	53.1	422	50.4	3.99	48.6	3.83	46.8	3.68	44.1	3.46
	44.0	40.0	56.7	4.11	53.1	383	50.4	3.62	48.6	3.66	46.8	3.51	44.1	3.30
	47.0	43.0	56.7	3.96	53.1	369	50.4	3.49	48.6	3.49	46.8	3.35	44.1	3.15
	51.0	47.0	56.7	3.76	53.1	351	50.4	3.32	48.6	3.36	46.8	3.23	44.1	3.04
	54.0	50.0	56.7	3.62	53.1	338	50.4	3.20	48.6	3.20	46.8	3.08	44.1	2.90
	57.0	53.0	56.7	3.49	53.1	326	50.4	3.09	48.6	3.09	46.8	2.97	44.1	2.80
	60.0	56.0	56.7	3.35	53.1	314	50.4	2.97	48.6	2.97	46.8	2.86	44.1	2.70

TC : Total capacity ; MBH

PI : Power input ; kW (Comp. +Outdoor fan motor)

Note1 : is shown as reference.

Note 2 : The above table shows the average value of conditions which may occur.

Combi- nation (%)	Outdoor air temp. (°F/°C)	Indoor air temp. °F/DB												Heating capacity					
		61			65			70			72			75					
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH
70	-3.64	-4.0	71.2	10.7	71.0	11.0	70.9	11.2	70.8	11.3	70.7	11.5	68.6	11.2					
	-1.84	-2.2	72.4	10.8	72.3	11.1	72.1	11.3	72.1	11.4	72.0	11.6	68.6	10.9					
	5.5	5.0	78.3	11.1	78.2	11.4	78.1	11.6	75.6	11.2	72.8	10.6	68.6	9.89					
	9.5	8.5	81.7	11.3	81.6	11.6	78.4	11.1	75.6	10.6	72.8	10.1	68.6	9.39					
	13.0	12.0	85.4	11.5	82.6	11.1	78.4	10.4	75.6	9.99	72.8	9.54	68.6	8.88					
	15.0	14.0	87.7	11.6	82.6	10.8	78.4	10.1	75.6	9.67	72.8	9.24	68.6	8.60					
	17.0	15.5	88.2	11.4	82.6	10.5	78.4	9.86	75.6	9.43	72.8	9.01	68.6	8.40					
	19.0	18.0	88.2	10.9	82.6	10.1	78.4	9.45	75.6	9.04	72.8	8.65	68.6	8.06					
	22.0	20.0	88.2	10.5	82.6	9.72	78.4	9.13	75.6	8.74	72.8	8.36	68.6	7.80					
	26.0	24.0	88.2	9.82	82.6	9.07	78.4	8.52	75.6	8.17	72.8	7.81	68.6	7.30					
	30.0	28.0	88.2	9.15	82.6	8.26	78.4	7.96	75.6	7.63	72.8	7.30	68.6	6.83					
	35.0	32.0	88.2	8.52	82.6	7.89	78.4	7.43	75.6	7.13	72.8	6.83	68.6	6.39					
	39.0	36.0	88.2	7.94	82.6	7.36	78.4	6.94	75.6	6.66	72.8	6.39	68.6	5.98					
	44.0	40.0	88.2	7.41	82.6	6.88	78.4	6.49	75.6	6.23	72.8	5.98	68.6	5.61					
	47.0	43.0	88.2	7.04	82.6	6.54	78.4	6.18	75.6	5.93	72.8	5.70	68.6	5.35					
51.0	47.0	88.2	6.59	82.6	6.13	78.4	5.79	75.6	5.57	72.8	5.35	68.6	5.02						
54.0	50.0	88.2	6.27	82.6	5.84	78.4	5.52	75.6	5.31	72.8	5.10	68.6	4.80						
57.0	53.0	88.2	5.98	82.6	5.57	78.4	5.27	75.6	5.07	72.8	4.87	68.6	4.58						
60.0	56.0	88.2	5.70	82.6	5.31	78.4	5.03	75.6	4.84	72.8	4.66	68.6	4.39						
60	-3.64	-4.0	70.8	11.3	70.7	11.6	67.2	10.9	64.8	10.4	62.4	9.95	58.8	9.26					
	-1.84	-2.2	72.1	11.4	70.8	11.4	67.2	10.7	64.8	10.2	62.4	9.73	58.8	9.06					
	5.5	5.0	75.6	11.2	70.8	10.3	67.2	9.65	64.8	9.23	62.4	8.83	58.8	8.23					
	9.5	8.5	75.6	10.6	70.8	9.75	67.2	9.15	64.8	8.77	62.4	8.38	58.8	7.82					
	13.0	12.0	75.6	9.99	70.8	9.23	67.2	8.67	64.8	8.30	62.4	7.95	58.8	7.42					
	15.0	14.0	75.6	9.67	70.8	8.93	67.2	8.40	64.8	8.05	62.4	7.70	58.8	7.19					
	17.0	15.5	75.6	9.43	70.8	8.72	67.2	8.20	64.8	7.86	62.4	7.52	58.8	7.03					
	19.0	18.0	75.6	9.04	70.8	8.36	67.2	7.87	64.8	7.54	62.4	7.23	58.8	6.75					
	22.0	20.0	75.6	8.74	70.8	8.09	67.2	7.61	64.8	7.30	62.4	7.00	58.8	6.54					
	26.0	24.0	75.6	8.17	70.8	7.57	67.2	7.13	64.8	6.84	62.4	6.56	58.8	6.14					
	30.0	28.0	75.6	7.63	70.8	7.07	67.2	6.67	64.8	6.41	62.4	6.24	58.8	5.76					
	35.0	32.0	75.6	7.13	70.8	6.62	67.2	6.24	64.8	6.00	62.4	5.76	58.8	5.40					
	39.0	36.0	75.6	6.66	70.8	6.19	67.2	5.85	64.8	5.62	62.4	5.40	58.8	5.07					
	44.0	40.0	75.6	6.23	70.8	5.80	67.2	5.48	64.8	5.28	62.4	5.07	58.8	4.77					
	47.0	43.0	75.6	5.93	70.8	5.53	67.2	5.23	64.8	5.03	62.4	4.84	58.8	4.55					
51.0	47.0	75.6	5.56	70.8	5.19	67.2	4.91	64.8	4.73	62.4	4.55	58.8	4.29						
54.0	50.0	75.6	5.31	70.8	4.95	67.2	4.70	64.8	4.52	62.4	4.36	58.8	4.11						
57.0	53.0	75.6	5.07	70.8	4.73	67.2	4.49	64.8	4.33	62.4	4.17	58.8	3.93						
60.0	56.0	75.6	4.84	70.8	4.53	67.2	4.30	64.8	4.14	62.4	3.99	58.8	3.77						

TC : Total capacity : MBH

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

Note 1 : is shown as reference.

When selecting the unit models, avoid the Outdoor air temperature range shown by .

Note 2 : The above table shows the average value of conditions which may occur.

REYQ120PATJ

Combit- ration (%)	Outdoor air temp.		Indoor air temp. °F/DB												Heating capacity																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	(F/DB)	(F/DB)	61			65			68			70			72			75																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
100	-3.64	-4.0	77.2	7.50	76.9	8.02	76.7	8.22	76.6	8.42	76.7	8.62	76.9	8.82	77.1	9.02	77.3	9.22	77.5	9.42	77.7	9.62	77.9	9.82	78.1	10.02	78.3	10.22	78.5	10.42	78.7	10.62	78.9	10.82	79.1	11.02	79.3	11.22	79.5	11.42	79.7	11.62	79.9	11.82	80.1	12.02	80.3	12.22	80.5	12.42	80.7	12.62	80.9	12.82	81.1	13.02	81.3	13.22	81.5	13.42	81.7	13.62	81.9	13.82	82.1	14.02	82.3	14.22	82.5	14.42	82.7	14.62	82.9	14.82	83.1	15.02	83.3	15.22	83.5	15.42	83.7	15.62	83.9	15.82	84.1	16.02	84.3	16.22	84.5	16.42	84.7	16.62	84.9	16.82	85.1	17.02	85.3	17.22	85.5	17.42	85.7	17.62	85.9	17.82	86.1	18.02	86.3	18.22	86.5	18.42	86.7	18.62	86.9	18.82	87.1	19.02	87.3	19.22	87.5	19.42	87.7	19.62	87.9	19.82	88.1	20.02	88.3	20.22	88.5	20.42	88.7	20.62	88.9	20.82	89.1	21.02	89.3	21.22	89.5	21.42	89.7	21.62	89.9	21.82	90.1	22.02	90.3	22.22	90.5	22.42	90.7	22.62	90.9	22.82	91.1	23.02	91.3	23.22	91.5	23.42	91.7	23.62	91.9	23.82	92.1	24.02	92.3	24.22	92.5	24.42	92.7	24.62	92.9	24.82	93.1	25.02	93.3	25.22	93.5	25.42	93.7	25.62	93.9	25.82	94.1	26.02	94.3	26.22	94.5	26.42	94.7	26.62	94.9	26.82	95.1	27.02	95.3	27.22	95.5	27.42	95.7	27.62	95.9	27.82	96.1	28.02	96.3	28.22	96.5	28.42	96.7	28.62	96.9	28.82	97.1	29.02	97.3	29.22	97.5	29.42	97.7	29.62	97.9	29.82	98.1	30.02	98.3	30.22	98.5	30.42	98.7	30.62	98.9	30.82	99.1	31.02	99.3	31.22	99.5	31.42	99.7	31.62	99.9	31.82	100.1	32.02	100.3	32.22	100.5	32.42	100.7	32.62	100.9	32.82	101.1	33.02	101.3	33.22	101.5	33.42	101.7	33.62	101.9	33.82	102.1	34.02	102.3	34.22	102.5	34.42	102.7	34.62	102.9	34.82	103.1	35.02	103.3	35.22	103.5	35.42	103.7	35.62	103.9	35.82	104.1	36.02	104.3	36.22	104.5	36.42	104.7	36.62	104.9	36.82	105.1	37.02	105.3	37.22	105.5	37.42	105.7	37.62	105.9	37.82	106.1	38.02	106.3	38.22	106.5	38.42	106.7	38.62	106.9	38.82	107.1	39.02	107.3	39.22	107.5	39.42	107.7	39.62	107.9	39.82	108.1	40.02	108.3	40.22	108.5	40.42	108.7	40.62	108.9	40.82	109.1	41.02	109.3	41.22	109.5	41.42	109.7	41.62	109.9	41.82	110.1	42.02	110.3	42.22	110.5	42.42	110.7	42.62	110.9	42.82	111.1	43.02	111.3	43.22	111.5	43.42	111.7	43.62	111.9	43.82	112.1	44.02	112.3	44.22	112.5	44.42	112.7	44.62	112.9	44.82	113.1	45.02	113.3	45.22	113.5	45.42	113.7	45.62	113.9	45.82	114.1	46.02	114.3	46.22	114.5	46.42	114.7	46.62	114.9	46.82	115.1	47.02	115.3	47.22	115.5	47.42	115.7	47.62	115.9	47.82	116.1	48.02	116.3	48.22	116.5	48.42	116.7	48.62	116.9	48.82	117.1	49.02	117.3	49.22	117.5	49.42	117.7	49.62	117.9	49.82	118.1	50.02	118.3	50.22	118.5	50.42	118.7	50.62	118.9	50.82	119.1	51.02	119.3	51.22	119.5	51.42	119.7	51.62	119.9	51.82	120.1	52.02	120.3	52.22	120.5	52.42	120.7	52.62	120.9	52.82	121.1	53.02	121.3	53.22	121.5	53.42	121.7	53.62	121.9	53.82	122.1	54.02	122.3	54.22	122.5	54.42	122.7	54.62	122.9	54.82	123.1	55.02	123.3	55.22	123.5	55.42	123.7	55.62	123.9	55.82	124.1	56.02	124.3	56.22	124.5	56.42	124.7	56.62	124.9	56.82	125.1	57.02	125.3	57.22	125.5	57.42	125.7	57.62	125.9	57.82	126.1	58.02	126.3	58.22	126.5	58.42	126.7	58.62	126.9	58.82	127.1	59.02	127.3	59.22	127.5	59.42	127.7	59.62	127.9	59.82	128.1	60.02	128.3	60.22	128.5	60.42	128.7	60.62	128.9	60.82	129.1	61.02	129.3	61.22	129.5	61.42	129.7	61.62	129.9	61.82	130.1	62.02	130.3	62.22	130.5	62.42	130.7	62.62	130.9	62.82	131.1	63.02	131.3	63.22	131.5	63.42	131.7	63.62	131.9	63.82	132.1	64.02	132.3	64.22	132.5	64.42	132.7	64.62	132.9	64.82	133.1	65.02	133.3	65.22	133.5	65.42	133.7	65.62	133.9	65.82	134.1	66.02	134.3	66.22	134.5	66.42	134.7	66.62	134.9	66.82	135.1	67.02	135.3	67.22	135.5	67.42	135.7	67.62	135.9	67.82	136.1	68.02	136.3	68.22	136.5	68.42	136.7	68.62	136.9	68.82	137.1	69.02	137.3	69.22	137.5	69.42	137.7	69.62	137.9	69.82	138.1	70.02	138.3	70.22	138.5	70.42	138.7	70.62	138.9	70.82	139.1	71.02	139.3	71.22	139.5	71.42	139.7	71.62	139.9	71.82	140.1	72.02	140.3	72.22	140.5	72.42	140.7	72.62	140.9	72.82	141.1	73.02	141.3	73.22	141.5	73.42	141.7	73.62	141.9	73.82	142.1	74.02	142.3	74.22	142.5	74.42	142.7	74.62	142.9	74.82	143.1	75.02	143.3	75.22	143.5	75.42	143.7	75.62	143.9	75.82	144.1	76.02	144.3	76.22	144.5	76.42	144.7	76.62	144.9	76.82	145.1	77.02	145.3	77.22	145.5	77.42	145.7	77.62	145.9	77.82	146.1	78.02	146.3	78.22	146.5	78.42	146.7	78.62	146.9	78.82	147.1	79.02	147.3	79.22	147.5	79.42	147.7	79.62	147.9	79.82	148.1	80.02	148.3	80.22	148.5	80.42	148.7	80.62	148.9	80.82	149.1	81.02	149.3	81.22	149.5	81.42	149.7	81.62	149.9	81.82	150.1	82.02	150.3	82.22	150.5	82.42	150.7	82.62	150.9	82.82	151.1	83.02	151.3	83.22	151.5	83.42	151.7	83.62	151.9	83.82	152.1	84.02	152.3	84.22	152.5	84.42	152.7	84.62	152.9	84.82	153.1	85.02	153.3	85.22	153.5	85.42	153.7	85.62	153.9	85.82	154.1	86.02	154.3	86.22	154.5	86.42	154.7	86.62	154.9	86.82	155.1	87.02	155.3	87.22	155.5	87.42	155.7	87.62	155.9	87.82	156.1	88.02	156.3	88.22	156.5	88.42	156.7	88.62	156.9	88.82	157.1	89.02	157.3	89.22	157.5	89.42	157.7	89.62	157.9	89.82	158.1	90.02	158.3	90.22	158.5	90.42	158.7	90.62	158.9	90.82	159.1	91.02	159.3	91.22	159.5	91.42	159.7	91.62	159.9	91.82	160.1	92.02	160.3	92.22	160.5	92.42	160.7	92.62	160.9	92.82	161.1	93.02	161.3	93.22	161.5	93.42	161.7	93.62	161.9	93.82	162.1	94.02	162.3	94.22	162.5	94.42	162.7	94.62	162.9	94.82	163.1	95.02	163.3	95.22	163.5	95.42	163.7	95.62	163.9	95.82	164.1	96.02	164.3	96.22	164.5	96.42	164.7	96.62	164.9	96.82	165.1	97.02	165.3	97.22	165.5	97.42	165.7	97.62	165.9	97.82	166.1	98.02	166.3	98.22	166.5	98.42	166.7	98.62	166.9	98.82	167.1	99.02	167.3	99.22	167.5	99.42	167.7	99.62	167.9	99.82	168.1	100.02	168.3	100.22	168.5	100.42	168.7	100.62	168.9	100.82	169.1	101.02	169.3	101.22	169.5	101.42	169.7	101.62	169.9	101.82	170.1	102.02	170.3	102.22	170.5	102.42	170.7	102.62	170.9	102.82	171.1	103.02	171.3	103.22	171.5	103.42	171.7	103.62	171.9	103.82	172.1	104.02	172.3	104.22	172.5	104.42	172.7	104.62	172.9	104.82	173.1	105.02	173.3	105.22	173.5	105.42	173.7	105.62	173.9	105.82	174.1	106.02	174.3	106.22	174.5	106.42	174.7	106.62	174.9	106.82	175.1	107.02	175.3	107.22	175.5	107.42	175.7	107.62	175.9	107.82	176.1	108.02	176.3	108.22	176.5	108.42	176.7	108.62	176.9	108.82	177.1	109.02	177.3	109.22	177.5	109.42	177.7	109.62	177.9	109.82	178.1	110.02	178.3	110.22	178.5	110.42	178.7	110.62	178.9	110.82	179.1	111.02	179.3	111.22	179.5	111.42	179.7	111.62	179.9	111.82	180.1	112.02	180.3	112.22	180.5	112.42	180.7	112.62	180.9	112.82	181.1	113.02	181.3	113.22	181.5	113.42	181.7	113.62	181.9	113.82	182.1	114.02	182.3	114.22	182.5	114.42	182.7	114.62	182.9	114.82	183.1	115.02	183.3	115.22	183.5	115.42	183.7	115.62	183.9	115.82	184.1	116.0

Heating capacity

Combi- nation (%)	Outdoor air temp. (°F/°C)	Indoor air temp. °F/DB											
		61		65		68		70		72		75	
		TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW
70	-3.64	75.9	9.98	75.7	10.3	75.5	10.6	75.4	10.8	75.3	11.0	75.2	11.3
	-1.84	77.2	10.1	77.0	10.4	76.8	10.7	76.7	10.9	76.6	11.1	76.5	11.3
	5.5	83.5	10.5	83.3	10.9	83.1	11.1	83.0	11.3	82.9	11.4	82.8	11.7
	9.5	87.1	10.8	86.9	11.1	86.7	11.3	86.6	11.5	86.5	11.6	86.4	11.7
	13.0	91.0	11.0	90.8	11.3	90.6	11.5	90.5	11.7	90.4	11.8	90.3	11.1
	15.0	93.4	11.1	93.2	11.4	93.1	11.6	93.0	11.8	92.9	11.9	92.8	11.1
	17.0	95.3	11.2	95.1	11.5	94.9	11.7	94.8	11.9	94.7	12.0	94.6	11.3
	19.0	98.6	11.4	98.4	11.7	98.0	11.8	97.9	12.0	97.8	12.1	97.7	11.4
	22.0	101	11.5	101	11.8	98.0	11.4	98.0	11.4	94.5	10.9	91.0	10.8
	26.0	107	11.7	103	11.4	98.0	10.7	94.5	10.2	91.0	9.78	85.8	9.13
	30.0	110	11.4	103	10.6	98.0	9.96	94.5	9.54	91.0	9.14	85.8	8.54
	35.0	110	10.7	103	9.87	98.0	9.30	94.5	8.92	91.0	8.54	85.8	8.00
39.0	110	10.0	9.94	103	9.22	98.0	8.68	94.5	8.34	91.0	7.99	85.8	
44.0	110	9.28	103	8.61	98.0	8.12	94.5	7.80	91.0	7.48	85.8	7.02	
47.0	110	8.81	103	8.19	98.0	7.73	94.5	7.43	91.0	7.13	85.8	6.69	
51.0	110	8.24	103	7.67	98.0	7.24	94.5	6.96	91.0	6.69	85.8	6.28	
54.0	110	7.85	103	7.30	98.0	6.91	94.5	6.64	91.0	6.38	85.8	6.00	
57.0	110	7.48	103	6.97	98.0	6.59	94.5	6.34	91.0	6.10	85.8	5.74	
60.0	110	7.13	103	6.65	98.0	6.29	94.5	6.06	91.0	5.83	85.8	5.49	
60	-3.64	75.4	10.8	75.2	11.1	75.1	11.4	75.0	11.5	74.9	11.7	73.5	11.6
	-1.84	76.7	10.9	76.6	11.2	76.4	11.4	76.4	11.6	76.3	11.7	73.5	11.3
	5.5	83.0	11.3	82.8	11.6	82.7	11.8	81.0	11.6	80.0	11.0	73.5	10.3
	9.5	86.6	11.5	86.4	11.8	84.0	11.5	81.0	11.0	78.0	10.5	73.5	9.79
	13.0	90.5	11.7	88.5	11.5	84.0	10.8	81.0	10.4	78.0	9.84	73.5	9.28
	15.0	93.0	11.8	88.5	11.2	84.0	10.5	81.0	10.1	78.0	9.64	73.5	9.00
	17.0	94.5	11.8	88.5	10.9	84.0	10.3	81.0	9.83	78.0	9.41	73.5	8.79
	19.0	94.5	11.3	88.5	10.5	84.0	9.85	81.0	9.44	78.0	9.04	73.5	8.45
	22.0	94.5	10.9	88.5	10.1	84.0	9.53	81.0	9.14	78.0	8.75	73.5	8.19
	26.0	24.0	94.5	10.2	88.5	9.47	84.0	8.92	81.0	8.56	78.0	8.20	73.5
	30.0	28.0	94.5	9.54	88.5	8.85	84.0	8.35	81.0	8.02	78.0	7.69	73.5
	35.0	32.0	94.5	8.92	88.5	8.28	84.0	7.81	81.0	7.51	78.0	7.21	73.5
39.0	36.0	94.5	8.34	88.5	7.75	84.0	7.32	81.0	7.04	78.0	6.76	73.5	
44.0	40.0	94.5	7.80	88.5	7.26	84.0	6.86	81.0	6.60	78.0	6.35	73.5	
47.0	43.0	94.5	7.43	88.5	6.92	84.0	6.55	81.0	6.30	78.0	6.06	73.5	
51.0	47.0	94.5	6.96	88.5	6.50	84.0	6.15	81.0	5.92	78.0	5.70	73.5	
54.0	50.0	94.5	6.64	88.5	6.20	84.0	5.88	81.0	5.66	78.0	5.45	73.5	
57.0	53.0	94.5	6.34	88.5	5.92	84.0	5.62	81.0	5.42	78.0	5.22	73.5	
60.0	56.0	94.5	6.06	88.5	5.67	84.0	5.38	81.0	5.18	78.0	5.00	73.5	

TC : Total capacity ; MBH

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

Note 1 : is shown as reference.

When selecting the unit models, avoid the Outdoor air temperature range shown by .

Note 2 : The above table shows the average value of conditions which may occur.

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Combit- ration (%)	Outdoor air temp.		Indoor air temp. °F/DB															
	(F/DB)	(F/DB)	61				65				70				75			
			TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW
100	-3.64	-4.0	110	13.0	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3
	-1.84	-2.2	111	13.2	111	13.6	111	14.0	111	14.2	111	14.4	111	14.5	111	14.5	111	14.5
	0.5	0.5	112	13.3	112	13.8	112	14.2	112	14.5	112	14.8	112	15.0	112	15.0	112	15.0
	1.5	1.5	113	13.4	113	14.0	113	14.4	113	14.7	113	15.0	113	15.2	113	15.2	113	15.2
	2.5	2.5	114	13.5	114	14.2	114	14.6	114	14.9	114	15.2	114	15.4	114	15.4	114	15.4
	3.5	3.5	115	13.6	115	14.4	115	14.8	115	15.1	115	15.4	115	15.6	115	15.6	115	15.6
	4.5	4.5	116	13.7	116	14.6	116	15.0	116	15.3	116	15.6	116	15.8	116	15.8	116	15.8
	5.5	5.5	117	13.8	117	14.8	117	15.2	117	15.5	117	16.0	117	16.2	117	16.2	117	16.2
	6.5	6.5	118	13.9	118	15.0	118	15.4	118	15.7	118	16.2	118	16.4	118	16.4	118	16.4
	7.5	7.5	119	14.0	119	15.2	119	15.6	119	15.9	119	16.4	119	16.6	119	16.6	119	16.6
90	-3.64	-4.0	110	13.0	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3
	-1.84	-2.2	111	13.2	111	13.6	111	14.0	111	14.2	111	14.4	111	14.5	111	14.5	111	14.5
	0.5	0.5	112	13.3	112	13.8	112	14.2	112	14.5	112	14.8	112	15.0	112	15.0	112	15.0
	1.5	1.5	113	13.4	113	14.0	113	14.4	113	14.7	113	15.0	113	15.2	113	15.2	113	15.2
	2.5	2.5	114	13.5	114	14.2	114	14.6	114	14.9	114	15.2	114	15.4	114	15.4	114	15.4
	3.5	3.5	115	13.6	115	14.4	115	14.8	115	15.1	115	15.4	115	15.6	115	15.6	115	15.6
	4.5	4.5	116	13.7	116	14.6	116	15.0	116	15.3	116	15.6	116	15.8	116	15.8	116	15.8
	5.5	5.5	117	13.8	117	14.8	117	15.2	117	15.5	117	16.0	117	16.2	117	16.2	117	16.2
	6.5	6.5	118	13.9	118	15.0	118	15.4	118	15.7	118	16.2	118	16.4	118	16.4	118	16.4
	7.5	7.5	119	14.0	119	15.2	119	15.6	119	15.9	119	16.4	119	16.6	119	16.6	119	16.6
80	-3.64	-4.0	109	13.0	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3	109	13.3
	-1.84	-2.2	110	13.2	110	13.6	110	14.0	110	14.2	110	14.4	110	14.5	110	14.5	110	14.5
	0.5	0.5	111	13.3	111	13.8	111	14.2	111	14.5	111	14.8	111	15.0	111	15.0	111	15.0
	1.5	1.5	112	13.4	112	14.0	112	14.4	112	14.7	112	15.0	112	15.2	112	15.2	112	15.2
	2.5	2.5	113	13.5	113	14.2	113	14.6	113	14.9	113	15.2	113	15.4	113	15.4	113	15.4
	3.5	3.5	114	13.6	114	14.4	114	14.8	114	15.1	114	15.4	114	15.6	114	15.6	114	15.6
	4.5	4.5	115	13.7	115	14.6	115	15.0	115	15.3	115	15.6	115	15.8	115	15.8	115	15.8
	5.5	5.5	116	13.8	116	14.8	116	15.2	116	15.5	116	16.0	116	16.2	116	16.2	116	16.2
	6.5	6.5	117	13.9	117	15.0	117	15.4	117	15.7	117	16.2	117	16.4	117	16.4	117	16.4
	7.5	7.5	118	14.0	118	15.2	118	15.6	118	15.9	118	16.4	118	16.6	118	16.6	118	16.6

Combit- ration (%)	Outdoor air temp.		Indoor air temp. °F/DB															
	(F/DB)	(F/DB)	61				65				70				75			
			TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW	TC	PI	MBH	KW
130	-3.64	-4.0	111	11.2	110	11.6	110	12.0	110	12.4	110	12.7	110	12.7	110	12.7	110	12.7
	-1.84	-2.2	112	11.3	111	11.7	111	12.1	111	12.5	111	12.9	111	12.9	111	12.9	111	12.9
	0.5	0.5	113	11.4	112	11.8	112	12.2	112	12.6	112	13.0	112	13.0	112	13.0	112	13.0
	1.5	1.5	114	11.5	113	11.9	113	12.3	113	12.7	113	13.1	113	13.1	113	13.1	113	13.1
	2.5	2.5	115	11.6	114	12.0	114	12.4	114	12.8	114	13.2	114	13.2	114	13.2	114	13.2
	3.5	3.5	116	11.7	115	12.1	115	12.5	115	12.9	115	13.3	115	13.3	115	13.3	115	13.3
	4.5	4.5	117	11.8	116	12.2	116	12.6	116	13.0	116	13.4	116	13.4	116	13.4	116	13.4
	5.5	5.5	118	11.9	117	12.3	117	12.7	117	13.1	117	13.5	117	13.5	117	13.5	117	13.5
	6.5	6.5	119	12.0	118	12.4	118	12.8	118	13.2	118	13.6	118	13.6	118	13.6	118	13.6
	7.5	7.5	120	12.1	119	12.5	119	12.9	119	13.3	119	13.7	119	13.7	119	13.7	119	13.7
120	-3.64	-4.0	110	13.0	110	13.3	110	13.7	110	14.0	110	14.3	110	14.3	110	14.3	110	14.3
	-1.84	-2.2	111	13.2	111	13.6	111	14.0	111	14.3	111	14.6	111	14.6	111	14.6	111	14.6
	0.5	0.5	112	13.3	112	13.8	112	14.2	112	14.5	112	14.8	112	14.8	112	14.8	112	14.8
	1.5	1.5	113	13.4	113	14.0	113	14.4	113	14.7	113	15.0	113	15.0	113	15.0	113	15.0
	2.5	2.5	114	13.5	114	14.2	114	14.6	114	14.9	114	15.2	114	15.2	114	15.2	114	15.2
	3.5	3.5	115	13.6	115	14.4	115	14.8	115	15.1	115	15.4	115	15.4	115	15.4	115	15.4
	4.5	4.5	116	13.7	116	14.6	116	15.0	116	15.3	116	15.6	116	15.6	116	15.6	116	15.6
	5.5	5.5	117	13.8	117	14.8	117	15.2	117	15.5	117	16.0	117	16.2	117	16.2	117	16.2
	6.5	6.5	118	13.9	118	15.0	118	15.4	118	15.7	118	16.2	118	16.4	118	16.4	118	16.4
	7.5	7.5	119	14.0	119	15.2	119	15.6	119	15.9	119	16.4	119	16.6	119	16.6	119	16.6
110	-3.64	-4.0	110	13.0	110	13.3	110	13.7	110	14.0	110	14.3	110	14.3	110	14.3	110	14.3
	-1.84	-2.2	111	13.2	111	13.6	111	14.0	111	14.3	111	14.6	111	14.6	111	14.6	111	14.6
	0.5	0.5	112	13.3	112	13.8	112	14.2	112	14.5	112	14.8	112	14.8	112	14.8	112	14.8
	1.5	1.5	113	13.4	113	14.0	113	14.4	113	14.7	113	15.0	113	15.0	113	15.0	113	15.0
	2.5	2.5	114	13.5	114	14.2	114	14.6	114	14.9	114	15.2	114	15.2	114	15.2	114	15.2
	3.5	3.5	115	13.6	115	14.4	115	14.8	115	15.1	115	15.4	115	15.4	115	15.4	115	15.4
	4.5	4.5	116	13.7	116	14.6	116	15.0	116	15.3	116	15.6	116	15.6	116	15.6	116	15.6
	5.5	5.5	117	13.8	117	14.8	117	15.2	117	15.5	117	16.0	117	16.2	117	16.2	117	16.2
	6.5	6.5	118	13.9	118	15.0	118	15.4	118	15.7	118	16.2	118	16.4	118	16.4	118	16.4
	7.5	7.5	119	14.0	119	15.2	119	15.6	119	15.9	119	16.4	119	16.6	119	16.6	119	16.6

TC : Total capacity ; MBH
 PI : Power Input ; kW (Comp.+Outdoor fan motor)

Note1 : ■ is shown as reference.

Note 2 : The above table shows the average value of conditions which may occur.

Heating capacity

Combi- nation (%)	Outdoor air temp. (°F/°C)	Indoor air temp.: °F/DB													
		61		65		68		70		72		75			
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
70	-3.64	108	14.7	108	15.1	108	15.4	108	15.5	108	15.5	108	15.7	103	14.9
	-1.84	108	14.8	110	15.2	110	15.5	110	15.6	109	15.6	109	15.7	103	14.6
	5.5	108	14.9	111	15.3	111	15.6	111	15.7	109	15.7	109	15.8	103	14.3
	9.5	108	15.0	112	15.4	112	15.7	112	15.8	109	15.8	109	15.9	103	14.0
	13.0	108	15.1	113	15.5	113	15.8	113	15.9	109	15.9	109	16.0	103	13.7
	16.0	108	15.2	114	15.6	114	15.9	114	16.0	109	16.0	109	16.1	103	13.4
	19.0	108	15.3	115	15.7	115	16.0	115	16.1	109	16.1	109	16.2	103	13.1
	22.0	108	15.4	116	15.8	116	16.1	116	16.2	109	16.2	109	16.3	103	12.8
	25.0	108	15.5	117	15.9	117	16.2	117	16.3	109	16.3	109	16.4	103	12.5
	28.0	108	15.6	118	16.0	118	16.3	118	16.4	109	16.4	109	16.5	103	12.2
	31.0	108	15.7	119	16.1	119	16.4	119	16.5	109	16.5	109	16.6	103	11.9
	34.0	108	15.8	120	16.2	120	16.5	120	16.6	109	16.6	109	16.7	103	11.6
60	-3.64	106	15.5	106	15.5	101	14.5	97.2	13.9	83.6	13.2	88.2	12.3	88.2	12.3
	-1.84	106	15.6	106	15.1	101	14.2	97.2	13.6	83.6	13.0	88.2	12.1	88.2	12.1
	5.5	106	15.7	106	14.9	106	13.7	101	12.9	97.2	12.3	83.6	11.8	88.2	11.0
	9.5	106	15.8	106	15.0	106	13.4	101	12.6	97.2	12.0	83.6	11.5	88.2	10.7
	13.0	106	15.9	106	15.1	106	13.1	101	12.3	97.2	11.7	83.6	11.2	88.2	10.4
	16.0	106	16.0	106	15.2	106	12.8	101	12.0	97.2	11.4	83.6	10.9	88.2	10.1
	19.0	106	16.1	106	15.3	106	12.5	101	11.7	97.2	11.1	83.6	10.6	88.2	9.8
	22.0	106	16.2	106	15.4	106	12.2	101	11.4	97.2	10.8	83.6	10.3	88.2	9.5
	25.0	106	16.3	106	15.5	106	12.0	101	11.1	97.2	10.5	83.6	10.0	88.2	9.2
	28.0	106	16.4	106	15.6	106	11.7	101	10.8	97.2	10.2	83.6	9.7	88.2	8.9
	31.0	106	16.5	106	15.7	106	11.4	101	10.5	97.2	9.9	83.6	9.4	88.2	8.6
	34.0	106	16.6	106	15.8	106	11.1	101	10.2	97.2	9.6	83.6	9.1	88.2	8.3

TC : Total capacity ; MBH

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

Note 1 : is shown as reference.

When selecting the unit models, avoid the Outdoor air temperature range shown by .

Note 2 : The above table shows the average value of conditions which may occur.

Heating capacity

Combi- nation (%)	Outdoor air temp. (°F/°C)	Indoor air temp. °F/DB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
70	-3.64	-4.0	125	17.8	124	18.3	124	18.6	124	18.9	124	19.1	124	19.4	124	19.7	124	19.9	124	20.1	124	20.3	124	20.5	124	20.7	124	20.9	124	21.1	124	21.3	124	21.5	124	21.7	124	21.9	124	22.1	124	22.3	124	22.5	124	22.7	124	22.9	124	23.1	124	23.3	124	23.5	124	23.7	124	23.9	124	24.1	124	24.3	124	24.5	124	24.7	124	24.9	124	25.1	124	25.3	124	25.5	124	25.7	124	25.9	124	26.1	124	26.3	124	26.5	124	26.7	124	26.9	124	27.1	124	27.3	124	27.5	124	27.7	124	27.9	124	28.1	124	28.3	124	28.5	124	28.7	124	28.9	124	29.1	124	29.3	124	29.5	124	29.7	124	29.9	124	30.1	124	30.3	124	30.5	124	30.7	124	30.9	124	31.1	124	31.3	124	31.5	124	31.7	124	31.9	124	32.1	124	32.3	124	32.5	124	32.7	124	32.9	124	33.1	124	33.3	124	33.5	124	33.7	124	33.9	124	34.1	124	34.3	124	34.5	124	34.7	124	34.9	124	35.1	124	35.3	124	35.5	124	35.7	124	35.9	124	36.1	124	36.3	124	36.5	124	36.7	124	36.9	124	37.1	124	37.3	124	37.5	124	37.7	124	37.9	124	38.1	124	38.3	124	38.5	124	38.7	124	38.9	124	39.1	124	39.3	124	39.5	124	39.7	124	39.9	124	40.1	124	40.3	124	40.5	124	40.7	124	40.9	124	41.1	124	41.3	124	41.5	124	41.7	124	41.9	124	42.1	124	42.3	124	42.5	124	42.7	124	42.9	124	43.1	124	43.3	124	43.5	124	43.7	124	43.9	124	44.1	124	44.3	124	44.5	124	44.7	124	44.9	124	45.1	124	45.3	124	45.5	124	45.7	124	45.9	124	46.1	124	46.3	124	46.5	124	46.7	124	46.9	124	47.1	124	47.3	124	47.5	124	47.7	124	47.9	124	48.1	124	48.3	124	48.5	124	48.7	124	48.9	124	49.1	124	49.3	124	49.5	124	49.7	124	49.9	124	50.1	124	50.3	124	50.5	124	50.7	124	50.9	124	51.1	124	51.3	124	51.5	124	51.7	124	51.9	124	52.1	124	52.3	124	52.5	124	52.7	124	52.9	124	53.1	124	53.3	124	53.5	124	53.7	124	53.9	124	54.1	124	54.3	124	54.5	124	54.7	124	54.9	124	55.1	124	55.3	124	55.5	124	55.7	124	55.9	124	56.1	124	56.3	124	56.5	124	56.7	124	56.9	124	57.1	124	57.3	124	57.5	124	57.7	124	57.9	124	58.1	124	58.3	124	58.5	124	58.7	124	58.9	124	59.1	124	59.3	124	59.5	124	59.7	124	59.9	124	60.1	124	60.3	124	60.5	124	60.7	124	60.9	124	61.1	124	61.3	124	61.5	124	61.7	124	61.9	124	62.1	124	62.3	124	62.5	124	62.7	124	62.9	124	63.1	124	63.3	124	63.5	124	63.7	124	63.9	124	64.1	124	64.3	124	64.5	124	64.7	124	64.9	124	65.1	124	65.3	124	65.5	124	65.7	124	65.9	124	66.1	124	66.3	124	66.5	124	66.7	124	66.9	124	67.1	124	67.3	124	67.5	124	67.7	124	67.9	124	68.1	124	68.3	124	68.5	124	68.7	124	68.9	124	69.1	124	69.3	124	69.5	124	69.7	124	69.9	124	70.1	124	70.3	124	70.5	124	70.7	124	70.9	124	71.1	124	71.3	124	71.5	124	71.7	124	71.9	124	72.1	124	72.3	124	72.5	124	72.7	124	72.9	124	73.1	124	73.3	124	73.5	124	73.7	124	73.9	124	74.1	124	74.3	124	74.5	124	74.7	124	74.9	124	75.1	124	75.3	124	75.5	124	75.7	124	75.9	124	76.1	124	76.3	124	76.5	124	76.7	124	76.9	124	77.1	124	77.3	124	77.5	124	77.7	124	77.9	124	78.1	124	78.3	124	78.5	124	78.7	124	78.9	124	79.1	124	79.3	124	79.5	124	79.7	124	79.9	124	80.1	124	80.3	124	80.5	124	80.7	124	80.9	124	81.1	124	81.3	124	81.5	124	81.7	124	81.9	124	82.1	124	82.3	124	82.5	124	82.7	124	82.9	124	83.1	124	83.3	124	83.5	124	83.7	124	83.9	124	84.1	124	84.3	124	84.5	124	84.7	124	84.9	124	85.1	124	85.3	124	85.5	124	85.7	124	85.9	124	86.1	124	86.3	124	86.5	124	86.7	124	86.9	124	87.1	124	87.3	124	87.5	124	87.7	124	87.9	124	88.1	124	88.3	124	88.5	124	88.7	124	88.9	124	89.1	124	89.3	124	89.5	124	89.7	124	89.9	124	90.1	124	90.3	124	90.5	124	90.7	124	90.9	124	91.1	124	91.3	124	91.5	124	91.7	124	91.9	124	92.1	124	92.3	124	92.5	124	92.7	124	92.9	124	93.1	124	93.3	124	93.5	124	93.7	124	93.9	124	94.1	124	94.3	124	94.5	124	94.7	124	94.9	124	95.1	124	95.3	124	95.5	124	95.7	124	95.9	124	96.1	124	96.3	124	96.5	124	96.7	124	96.9	124	97.1	124	97.3	124	97.5	124	97.7	124	97.9	124	98.1	124	98.3	124	98.5	124	98.7	124	98.9	124	99.1	124	99.3	124	99.5	124	99.7	124	99.9	124	100.1	124	100.3	124	100.5	124	100.7	124	100.9	124	101.1	124	101.3	124	101.5	124	101.7	124	101.9	124	102.1	124	102.3	124	102.5	124	102.7	124	102.9	124	103.1	124	103.3	124	103.5	124	103.7	124	103.9	124	104.1	124	104.3	124	104.5	124	104.7	124	104.9	124	105.1	124	105.3	124	105.5	124	105.7	124	105.9	124	106.1	124	106.3	124	106.5	124	106.7	124	106.9	124	107.1	124	107.3	124	107.5	124	107.7	124	107.9	124	108.1	124	108.3	124	108.5	124	108.7	124	108.9	124	109.1	124	109.3	124	109.5	124	109.7	124	109.9	124	110.1	124	110.3	124	110.5	124	110.7	124	110.9	124	111.1	124	111.3	124	111.5	124	111.7	124	111.9	124	112.1	124	112.3	124	112.5	124	112.7	124	112.9	124	113.1	124	113.3	124	113.5	124	113.7	124	113.9	124	114.1	124	114.3	124	114.5	124	114.7	124	114.9	124	115.1	124	115.3	124	115.5	124	115.7	124	115.9	124	116.1	124	116.3	124	116.5	124	116.7	124	116.9	124	117.1	124	117.3	124	117.5	124	117.7	124	117.9	124	118.1	124	118.3	124	118.5	124	118.7	124	118.9	124	119.1	124	119.3	124	119.5	124	119.7	124	119.9	124	120.1	124	120.3	124	120.5	124	120.7	124	120.9	124	121.1	124	121.3	124	121.5	124	121.7	124	121.9	124	122.1	124	122.3	124	122.5	124	122.7	124	122.9	124	123.1	124	123.3	124	123.5	124	123.7	124	123.9	124	124.1	124	124.3	124	124.5	124	124.7	124	124.9	124	125.1	124	125.3	124	125.5	124	125.7	124	125.9	124	126.1	124	126.3	124	126.5	124	126.7	124	126.9	124	127.1	124	127.3	124	127.5	124	127.7	124	127.9	124	128.1	124	128.3	124	128.5	124	128.7	124	128.9	124	129.1	124	129.3	124	129.5	124	129.7	124	129.9	124	130.1	124	130.3	124	130.5	124	130.7	124	130.9	124	131.1	124	131.3	124	131.5	124	131.7	124	131.9	124	132.1	124	132.3	124	132.5	124	132.7	124	132.9	124	133.1	124	133.3	124	133.5	124	133.7	124	133.9	124	134.1	124	134.3	124	134.5	124	134.7	124	134.9	124	135.1	124	135.3	124	135.5	124	135.7	124	135.9	124	136.1	124	136.3	124	136.5	124	136.7	124	136.9	124	137.1	124	137.3	124	137.5	124	137.7	124	137.9	124	138.1	124	138.3	124	138.5	124	138.7	124	138.9	124	139.1	124	139.3	124	139.5	124	139.7	124	139.9	124	140.1	124	140.3	124	140.5	124	140.7	124	140.9	124	141.1	124	141.3	124	141.5	124	141.7	124

Heating capacity

Combi- nation (%)	Outdoor air temp. (°F/°C)	Indoor air temp. °F/DB											
		61			65			70			75		
		TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW	TC MBH	PI kW
70	-3.64	142	20.7	141	21.2	141	21.6	141	21.9	141	22.2	137	21.7
	-1.84	144	20.8	144	21.8	144	22.4	144	22.0	143	22.3	137	21.2
	5.5	156	21.5	156	22.0	155	22.4	151	21.7	146	20.7	137	19.2
	9.5	163	21.9	162	22.3	157	21.5	151	20.6	146	19.6	137	18.3
	13.0	170	22.2	165	21.7	157	20.3	151	19.4	146	18.6	137	17.3
	15.0	175	22.4	165	21.0	157	19.2	151	18.8	146	18.0	137	16.7
	17.0	176	22.2	165	20.4	157	18.4	151	18.3	146	17.5	137	16.3
	19.0	180	21.2	165	19.6	157	17.8	151	17.6	146	16.8	137	15.7
	22.0	200	17.6	20.5	18.9	157	17.8	151	17.0	146	16.3	137	15.2
	26.0	240	17.6	19.1	18.5	17.7	17.8	151	15.9	146	15.2	137	14.2
	30.0	280	17.6	17.8	16.5	16.5	15.5	151	14.9	146	14.2	137	13.3
	35.0	320	17.6	16.6	15.4	15.4	14.5	151	13.9	146	13.3	137	12.4
39.0	360	17.6	15.5	14.4	14.4	13.5	151	13.0	146	12.4	137	11.7	
44.0	400	17.6	14.5	13.4	13.4	12.7	151	12.2	146	11.7	137	11.0	
47.0	430	17.6	13.7	12.8	12.8	12.0	151	11.6	146	11.1	137	10.4	
51.0	470	17.6	12.9	12.0	12.0	11.3	151	10.9	146	10.4	137	9.80	
54.0	500	17.6	12.2	11.4	11.4	10.8	151	10.4	146	9.95	137	9.36	
57.0	530	17.6	11.7	10.9	10.9	10.3	151	9.89	146	9.51	137	8.95	
60.0	560	17.6	11.1	10.4	10.4	9.82	151	9.45	146	9.09	137	8.56	
60	-3.64	141	21.9	141	22.4	134	21.2	130	20.2	125	19.3	118	18.0
	-1.84	142	22.0	142	22.1	134	20.7	130	19.8	125	18.9	118	17.6
	5.5	151	21.7	142	20.0	134	18.8	130	18.0	125	17.2	118	16.0
	9.5	151	20.6	142	19.0	134	17.8	130	17.0	125	16.3	118	15.2
	13.0	151	19.4	142	17.9	134	16.9	130	16.2	125	15.5	118	14.4
	15.0	140	151	18.8	142	17.4	134	16.3	130	15.6	125	15.0	14.0
	17.0	15.5	151	18.3	142	17.0	134	15.9	130	15.3	125	14.6	13.7
	19.0	18.0	151	17.6	142	16.3	134	15.3	130	14.7	125	14.1	13.1
	22.0	200	151	17.0	142	15.7	134	14.8	130	14.2	125	13.6	12.7
	26.0	240	151	15.9	142	14.7	134	13.9	130	13.3	125	12.8	11.9
	30.0	280	151	14.9	142	13.8	134	13.0	130	12.5	12.0	11.8	11.2
	35.0	320	151	13.9	142	12.9	134	12.2	130	11.7	12.5	11.2	10.5
39.0	360	151	13.0	142	12.1	134	11.4	130	11.0	12.5	10.5	9.88	
44.0	400	151	12.1	142	11.3	134	10.7	130	10.3	12.5	9.88	9.29	
47.0	430	151	11.6	142	10.8	134	10.2	130	9.82	12.5	9.44	8.88	
51.0	470	151	10.9	142	10.1	134	9.59	130	9.23	12.5	8.88	8.37	
54.0	500	151	10.4	142	9.67	134	9.16	130	8.83	12.5	8.50	8.01	
57.0	530	151	9.89	142	9.24	134	8.76	130	8.45	12.5	8.13	7.67	
60.0	560	151	9.45	142	8.84	134	8.39	130	8.09	12.5	7.79	7.36	

TC : Total capacity ; MBH

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

Note 1 : is shown as reference.

When selecting the unit models, avoid the Outdoor air temperature range shown by .

Note 2 : The above table shows the average value of conditions which may occur.

REYQ216PTJUR

Combi- nation (%)	Outdoor air temp. (F)(W)	Indoor air temp. F,DB																		
		61			65			68			70			72			75			
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	
100	-3.64	-4.0	149	18.1	149	17.9	148	18.7	148	19.3	147	20.1	147	20.7	147	20.9	147	21.3	146	21.8
	-1.84	-2.2	152	18.1	151	18.9	150	19.5	150	19.9	150	20.3	150	20.9	150	21.1	149	21.4	149	22.0
	0.5	5.0	163	19.1	163	19.8	163	20.4	162	20.7	162	21.1	162	21.6	162	21.8	161	22.2	161	22.6
	9.5	8.5	171	19.6	170	20.3	170	20.8	170	21.2	170	21.5	170	21.8	169	21.9	169	22.2	168	22.5
	13.0	12.0	179	19.9	178	20.4	182	21.0	182	21.5	182	21.8	181	22.0	181	22.2	180	22.3	179	22.4
	15.0	14.0	183	19.2	183	20.0	186	21.2	186	21.7	185	22.0	185	22.3	185	22.5	184	22.6	184	22.8
	17.0	15.5	187	19.5	187	20.2	192	21.5	192	22.0	192	22.3	191	22.6	191	22.7	191	22.8	190	22.9
	19.0	18.0	193	19.9	193	20.5	199	21.8	197	22.3	197	22.6	197	22.9	197	23.0	196	23.1	195	23.2
	22.0	20.0	199	20.2	198	20.8	208	21.9	209	22.3	208	22.7	208	23.0	208	23.1	207	23.2	206	23.3
	30.0	28.0	223	21.3	222	21.9	222	22.4	221	22.7	222	22.9	222	23.2	222	23.1	221	23.3	221	23.3
	35.0	32.0	236	21.9	235	22.4	235	22.8	234	23.3	232	23.7	232	23.9	232	23.7	231	23.8	231	23.8
	40.0	36.0	249	22.4	248	22.9	248	23.2	247	23.7	247	24.0	246	24.5	245	24.5	244	24.6	244	24.7
47.0	43.0	266	23.1	265	23.6	265	24.0	264	24.5	264	24.9	264	25.3	263	25.3	262	25.4	261	25.4	
51.0	47.0	277	23.2	276	23.7	276	24.2	275	24.7	275	25.0	274	25.4	273	25.4	272	25.5	271	25.5	
54.0	50.0	283	23.3	282	23.8	282	24.4	281	24.9	281	25.2	280	25.6	279	25.6	278	25.7	277	25.7	
57.0	53.0	283	23.3	283	24.0	283	24.6	282	25.1	282	25.4	281	25.7	280	25.7	279	25.7	278	25.7	
60.0	56.0	283	23.2	283	23.9	283	24.5	282	25.0	282	25.3	281	25.6	280	25.6	279	25.6	278	25.6	
90	-3.64	-4.0	149	17.9	148	18.7	148	19.3	147	20.0	147	20.6	147	20.9	147	21.1	146	21.3	146	21.8
	-1.84	-2.2	151	18.1	151	18.9	150	19.5	150	19.9	150	20.3	150	20.9	150	21.1	149	21.4	149	22.0
	5.5	5.0	163	19.1	163	19.8	163	20.4	162	20.7	162	21.1	162	21.6	162	21.8	161	22.2	161	22.6
	9.5	8.5	171	19.6	170	20.3	170	20.8	170	21.2	170	21.5	170	21.8	169	21.9	169	22.2	168	22.5
	13.0	12.0	179	19.9	178	20.4	182	21.0	182	21.5	182	21.8	181	22.0	181	22.2	180	22.3	179	22.4
	15.0	14.0	183	19.2	183	20.0	186	21.2	186	21.7	185	22.0	185	22.3	185	22.5	184	22.6	184	22.8
	17.0	15.5	187	19.5	187	20.2	192	21.5	192	22.0	192	22.3	191	22.6	191	22.7	191	22.8	190	22.9
	19.0	18.0	193	20.0	192	20.5	199	21.8	197	22.3	197	22.6	197	22.9	197	23.0	196	23.1	195	23.2
	22.0	20.0	199	20.2	198	20.8	208	21.9	209	22.3	208	22.7	208	23.0	208	23.1	207	23.2	206	23.3
	30.0	28.0	222	21.3	221	21.9	222	22.4	221	22.8	221	23.2	221	23.1	221	23.1	220	23.2	220	23.3
	35.0	32.0	236	21.9	235	22.4	235	22.8	234	23.3	232	23.7	232	23.9	232	23.7	231	23.8	231	23.8
	40.0	36.0	249	22.4	248	22.9	248	23.2	247	23.7	247	24.0	246	24.5	245	24.5	244	24.6	244	24.7
47.0	43.0	266	23.1	265	23.6	265	24.0	264	24.5	264	24.9	264	25.3	263	25.3	262	25.4	261	25.4	
51.0	47.0	265	23.0	264	23.5	264	24.1	263	24.6	263	24.9	262	25.2	261	25.2	260	25.3	259	25.3	
54.0	50.0	265	23.0	264	23.5	264	24.1	263	24.6	263	24.9	262	25.2	261	25.2	260	25.3	259	25.3	
57.0	53.0	265	23.0	264	23.5	264	24.1	263	24.6	263	24.9	262	25.2	261	25.2	260	25.3	259	25.3	
60.0	56.0	265	23.0	264	23.5	264	24.1	263	24.6	263	24.9	262	25.2	261	25.2	260	25.3	259	25.3	
80	-3.64	-4.0	148	19.3	147	20.0	147	20.6	147	20.9	147	21.1	146	21.3	146	21.4	145	21.5	145	21.8
	-1.84	-2.2	150	19.5	150	20.2	150	20.7	149	21.1	149	21.4	149	21.8	149	22.0	148	22.2	148	22.6
	5.5	5.0	163	20.4	162	21.0	162	21.5	162	21.8	162	22.1	162	22.4	161	22.5	161	22.8	161	23.2
	9.5	8.5	170	20.8	169	21.4	169	21.9	169	22.2	168	22.5	168	22.8	168	23.1	167	23.4	167	23.7
	13.0	12.0	177	21.0	176	21.5	176	22.0	176	22.3	175	22.6	175	22.9	175	23.2	174	23.5	174	23.8
	15.0	14.0	181	21.2	180	21.7	180	22.2	180	22.5	179	22.8	179	23.1	178	23.4	178	23.7	177	24.0
	17.0	15.5	186	21.7	185	22.2	185	22.7	185	23.0	184	23.3	184	23.6	183	23.9	183	24.2	182	24.5
	19.0	18.0	192	22.0	191	22.5	191	23.0	191	23.3	190	23.6	190	23.9	189	24.2	189	24.5	188	24.8
	22.0	20.0	197	22.3	197	22.8	197	23.3	197	23.6	196	23.9	196	24.2	195	24.5	194	24.8	194	25.1
	26.0	24.0	209	22.7	208	23.2	208	23.7	208	24.0	207	24.3	207	24.6	206	24.9	205	25.2	205	25.5
	30.0	28.0	221	23.2	221	23.7	221	24.2	221	24.5	220	24.8	220	25.1	219	25.4	218	25.7	218	26.0
	35.0	32.0	227	23.5	227	24.0	227	24.5	227	24.8	226	25.1	226	25.4	225	25.7	224	26.0	224	26.3
38.0	36.0	231	23.7	231	24.2	231	24.7	231	25.0	230	25.3	230	25.6	229	25.9	228	26.1	228	26.4	
44.0	40.0	247	24.4	246	24.9	246	25.4	246	25.7	245	26.0	245	26.3	244	26.6	243	26.9	243	27.2	
47.0	43.0	251	24.6	250	25.1	250	25.6	250	25.9	249	26.2	248	26.5	247	26.8	246	27.1	246	27.4	
51.0	47.0	257	24.8	256	25.3	256	25.8	256	26.1	255	26.4	254	26.7	253	27.0	252	27.3	252	27.6	
54.0	50.0	257	24.8	256	25.3	256	25.8	256	26.1	255	26.4	254	26.7	253	27.0	252	27.3	252	27.6	
57.0	53.0	257	24.8	256	25.3	256	25.8	256	26.1	255	26.4	254	26.7	253	27.0	252	27.3	252	27.6	
60.0	56.0	257	24.8	256	25.3	256	25.8	256	26.1	255	26.4	254	26.7	253	27.0	252	27.3	252	27.6	

Combi- nation (%)	Outdoor air temp. (F)(W)	Indoor air temp. F,DB																		
		61			65			68			70			72			75			
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	
130	-3.64	-4.0	151	13.6	150	14.7	150	15.5	150	16.1	149	16.6	149	17.4	148	18.5	148	18.5	148	19.3
	-1.84	-2.2	152	13.9	152	15.0	152	15.8	152	16.3	152	16.8	151	17.6	151	18.0	151	18.7	151	19.5
	0.5	5.0	166	15.2	165	16.2	165	17.0	164	17.4	164	17.9	164	18.7	164	19.0	163	19.7	163	20.5
	9.5	8.5	173	15.8	172	16.8	172	17.5	171	18.0	170	18.5	170	19.2	170	19.5	170	20.0	169	20.7
	13.0	12.0	181	16.4	180	17.4	180	18.1	179	18.6	179	19.3	179	19.9	179	20.2	178	20.6	178	21.3
	15.0	14.0	185	16.9	184	17.8	184	18.5	1											

Heating capacity

Comb- ration (%)	Outdoor air temp. (F/DB) (F/WB)	Indoor air Temp. F/DB																	
		61			65			68			70			72			75		
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH
70	-3.64	-4.0	147	20.7	21.3	146	21.8	22.1	146	22.3	140	22.3	140	22.3	132	20.8			
	-1.84	-2.2	150	20.9	21.5	149	22.0	149	22.1	146	22.3	140	22.3	140	19.8	132	20.3		
	0.5	0.6	152	21.0	21.6	151	22.1	150	22.2	147	22.3	140	22.3	140	19.8	132	20.3		
	1.3	1.0	154	21.1	21.7	152	22.2	151	22.3	148	22.3	140	22.3	140	19.8	132	20.3		
	1.7	1.5	156	21.2	21.8	154	22.3	152	22.3	149	22.3	140	22.3	140	19.8	132	20.3		
	1.9	1.7	158	21.3	21.9	156	22.4	153	22.3	150	22.3	140	22.3	140	19.8	132	20.3		
	2.0	1.8	160	21.4	22.0	158	22.5	154	22.3	151	22.3	140	22.3	140	19.8	132	20.3		
	2.1	1.9	162	21.5	22.1	160	22.6	155	22.3	152	22.3	140	22.3	140	19.8	132	20.3		
	2.2	2.0	164	21.6	22.2	162	22.7	156	22.3	153	22.3	140	22.3	140	19.8	132	20.3		
	2.3	2.1	166	21.7	22.3	164	22.8	157	22.3	154	22.3	140	22.3	140	19.8	132	20.3		
	2.4	2.2	168	21.8	22.4	166	22.9	158	22.3	155	22.3	140	22.3	140	19.8	132	20.3		
	2.5	2.3	170	21.9	22.5	168	23.0	159	22.3	156	22.3	140	22.3	140	19.8	132	20.3		
60	-3.64	-4.0	146	22.1	22.7	146	23.1	22.7	146	23.1	146	23.3	140	22.3	132	20.8			
	-1.84	-2.2	149	22.3	22.8	148	23.2	22.7	146	23.2	146	23.3	140	21.9	132	20.3			
	0.5	0.6	151	22.4	23.0	151	23.3	22.8	148	23.2	146	23.3	140	21.9	132	20.3			
	1.0	0.9	153	22.5	23.1	153	23.4	22.9	149	23.2	146	23.3	140	21.9	132	20.3			
	1.5	1.4	155	22.6	23.2	155	23.5	23.0	151	23.2	146	23.3	140	21.9	132	20.3			
	1.7	1.5	157	22.7	23.3	157	23.6	23.1	152	23.2	146	23.3	140	21.9	132	20.3			
	1.9	1.7	159	22.8	23.4	159	23.7	23.2	153	23.2	146	23.3	140	21.9	132	20.3			
	2.0	1.8	161	22.9	23.5	161	23.8	23.3	154	23.2	146	23.3	140	21.9	132	20.3			
	2.1	1.9	163	23.0	23.6	163	23.9	23.4	155	23.2	146	23.3	140	21.9	132	20.3			
	2.2	2.0	165	23.1	23.7	165	24.0	23.5	156	23.2	146	23.3	140	21.9	132	20.3			
	2.3	2.1	167	23.2	23.8	167	24.1	23.6	157	23.2	146	23.3	140	21.9	132	20.3			
	2.4	2.2	169	23.3	23.9	169	24.2	23.7	158	23.2	146	23.3	140	21.9	132	20.3			
50	-3.64	-4.0	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	-1.84	-2.2	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142
	0.5	0.6	142	22.6	23.3	142	23.6	23.3	142	23.6	142	23.6	142	23.6	142	23.6	142	23.6	142

TC : Total capacity ; MBH
 PI : Power Input ; kW (Comp.+Outdoor fan motor)
 Note1 : is shown as reference
 Note 2 :The above table shows the average value of conditions which may occur.

Heating capacity

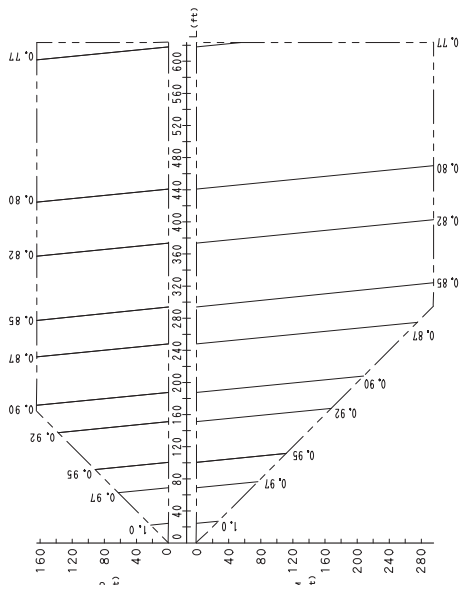
Comb- ration (%)	Outdoor air temp. (F/DB) (F/WB)	Indoor air Temp. F/DB																	
		61			65			68			70			72			75		
		TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH	TC	PI	MBH
70	-3.64	-4.0	152	20.5	21.2	151	21.7	151	22.1	150	23.2	150	23.5	150	23.8	147	23.6	147	23.6
	-1.84	-2.2	154	20.7	21.4	154	21.9	153	22.3	153	23.6	153	23.9	153	24.2	151	24.5	150	24.8
	0.5	0.6	157	21.0	21.7	157	22.2	156	22.6	156	23.9	156	24.2	156	24.5	154	24.8	153	25.1
	1.70	1.8	161	21.3	22.0	161	22.5	160	22.9	160	24.2	160	24.5	160	24.8	158	25.1	157	25.4
	3.00	3.0	165	21.6	22.3	165	22.8	164	23.2	164	24.9	164	25.2	164	25.5	162	25.8	161	26.1
	4.30	4.2	170	21.9	22.6	170	23.1	169	23.5	169	25.2	169	25.5	169	25.8	167	26.1	166	26.4
	5.60	5.4	175	22.2	22.9	175	23.4	174	23.8	174	25.5	174	25.8	174	26.1	172	26.4	171	26.7
	6.90	6.7	180	22.5	23.2	180	23.7	179	24.1	179	25.8	179	26.1	179	26.4	177	26.7	176	27.0
	8.20	8.0	185	22.8	23.5	185	24.0	184	24.4	184	26.1	184	26.4	184	26.7	182	27.0	181	27.3
	9.50	9.3	190	23.1	23.8	190	24.3	189	24.7	189	26.4	189	26.7	189	27.0	187	27.3	186	27.6
	10.80	10.6	195	23.4	24.1	195	24.6	194	25.0	194	26.7	194	27.0	194	27.3	192	27.6	191	27.9
60	-3.64	-4.0	151	22.1	22.7	150	23.2	150	23.5	150	23.8	147	23.6	147	23.6	147	23.6	147	23.6
	-1.84	-2.2	153	22.3	22.9	153	23.3	153	23.6	153	23.9	153	24.2	151	24.5	150	24.8	149	25.1
	0.5	0.6	156	22.6	23.2	156	23.6	156	23.9	156	24.2	156	24.5	156	24.8	154	25.1	153	25.4
	1.70	1.8	160	22.9	23.5	160	23.9	160	24.2	160	24.5	160	24.8	158	25.1	157	25.4	156	25.7
	3.00	3.0	164	23.2	23.8	164	24.2	164	24.5	164	24.8	164	25.1	162	25.4	161	25.7	160	26.0
	4.30	4.2	169	23.5	24.1	169	24.5	169	24.8	169	25.1	169	25.4	167	25.7	166	26.0	165	26.3
	5.60	5.4	174	23.8	24.4	174	24.8	174	25.1	174	25.4	174	25.7	172	26.0	171	26.3	170	26.6
	6.90	6.7	179	24.1	24.7	179	25.1	179	25.4	179	25.7	179	26.0	177	26.3	176	26.6	175	26.9
	8.20	8.0	184	24.4	25.0	184	25.4	184	25.7	184	26.0	184	26.3	182	26.6	181	26.9	180	27.2
	9.50	9.3	189	24.7	25.3	189	25.7	189	26.0	189	26.3	189	26.6	187	26.9	186	27.2	185	27.5
	10.80	10.6	194	25.0	25.6	194	26.0	194	26.3	194	26.6	194	26.9	192	27.2	191	27.5	190	27.8
50	-3.64	-4.0	150	22.7	23.3	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	-1.84	-2.2	153	23.8	24.4	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	0.5	0.6	157	24.7	25.3	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	1.70	1.8	161	25.6	26.2	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	3.00	3.0	165	26.5	27.1	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	4.30	4.2	170	27.4	28.0	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	5.60	5.4	174	28.3	28.9	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	6.90	6.7	179	29.2	29.8	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	8.20	8.0	184	30.1	30.7	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	9.50	9.3	189	31.0	31.6	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2
	10.80	10.6	194	31.9	32.5	147	23.2	140	21.8	135	21.3	130	20.4	123	19.0	117	18.2	112	17.2

TC : Total capacity ; MBH
 PI : Power Input ; kW (Comp.-Outdoor fan motor)
 Note1 : is shown as reference
 Note 2 :The above table shows the average value of conditions which may occur.
 When selecting the unit models, avoid the Outdoor air temperature range shown by

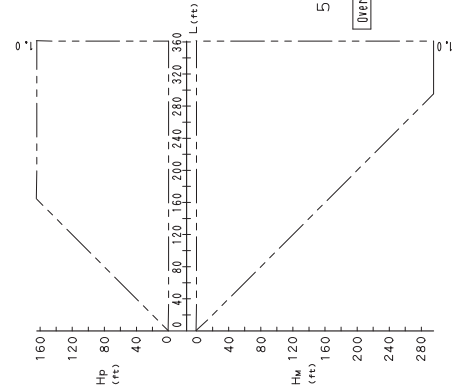
9.3 Capacity Correction Factor

REYQ72PATJ

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
REYQ72PATJ	φ 3/8

5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 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
REYQ72PATJ	0.2

otes]

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

• Condition: Indoor unit combination ratio exceeds 100%.
 X Capacity change rate due to piping length to the farthest indoor unit

Maximum A/C capacity of outdoor units = A/C capacity of outdoor units obtained from capacity characteristic table at the combination

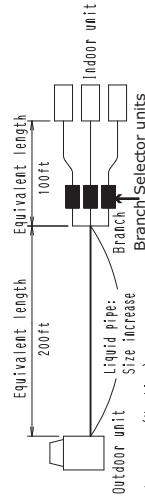
X Capacity change rate due to piping length to the farthest indoor unit

When overall equivalent pipe length is 295, 3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.

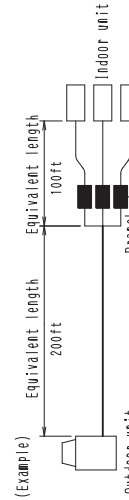
When level difference is 164, 0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

Model	Liquid
REYQ72PATJ	φ 1/2



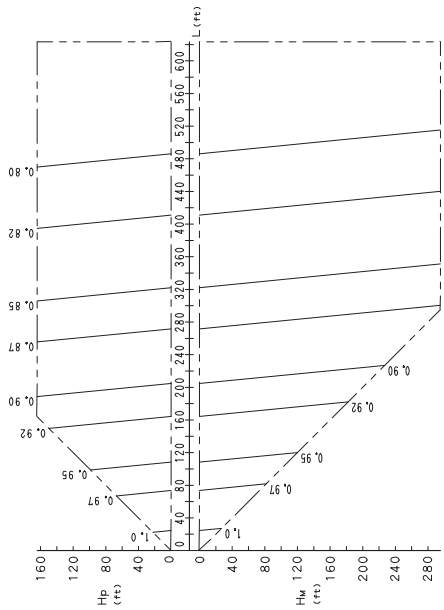
In the above case(Heating)
 Overall equivalent length=200ft×0.4+100ft=180ft
 The correction factor in capacity when Hp=0ft is thus approximately 1.0.
 In the combination which does not include cooling only indoor unit, calculate the equivalent length pipe by the following when you calculate cooling capacity.
 Overall equivalent length=Equivalent length to main pipe×0.5+Equivalent length after branching



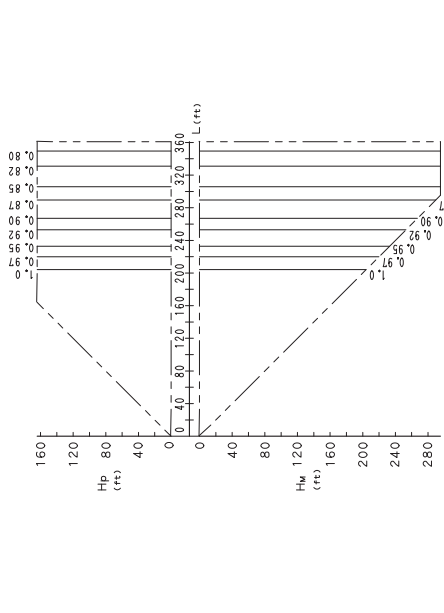
(Example)
 Overall equivalent length=200ft×0.5+100ft=200ft
 In the above case(Cooling)
 Overall equivalent length=200ft×0.5+100ft=200ft
 The correction factor in capacity when Hp=0m is thus approximately 0.86.

REYQ96PATJ

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	φ
REYQ96PATJ		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%.

$$\text{Maximum A/C capacity of outdoor units} = A/C \text{ capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}$$

$$\times \text{Capacity change rate due to piping length to the farthest indoor unit}$$
 • Condition: Indoor unit combination ratio exceeds 100%.

$$\text{Maximum A/C capacity of outdoor units} = A/C \text{ capacity of outdoor units obtained from capacity characteristic table at the combination}$$
- 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	φ
REYQ96PATJ		1/2
- When the main sections of the intermit liquid pipe diameters are increased the overall equivalent length should be calculated as follows, (Heating only)

$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.2 + \text{Equivalent length after branching}$$

(Example)

In the above case (Heating)
 Overall equivalent length = 200ft × 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.

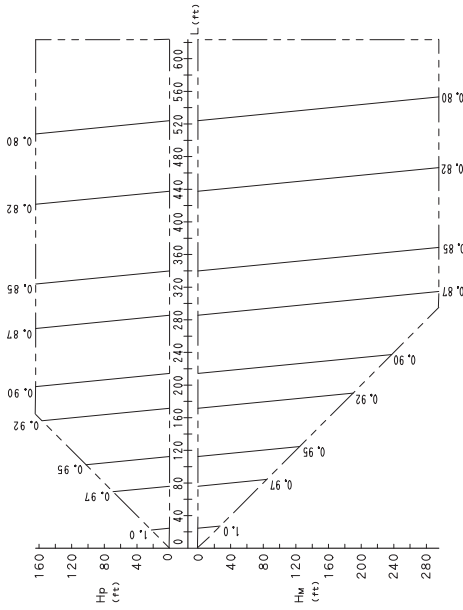
$$\text{Overall equivalent length} = \text{Equivalent length to main pipe} \times 0.5 + \text{Equivalent length after branching}$$

(Example)

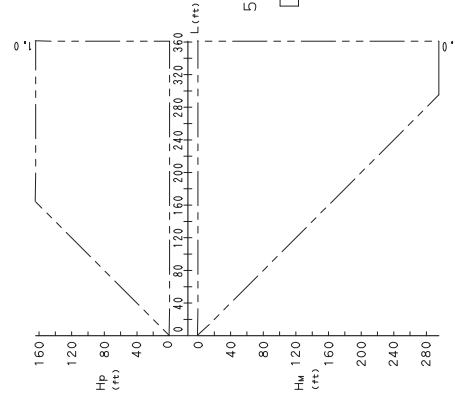
In the above case (Cooling)
 Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
 The correction factor in capacity when Hp=0ft is thus approximately 0.88.

REYQ120PATJ

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)]

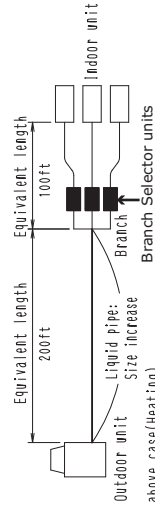
Model	Liquid
REYQ120PATJ	φ 1/2

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
REYQ120PATJ	0.3

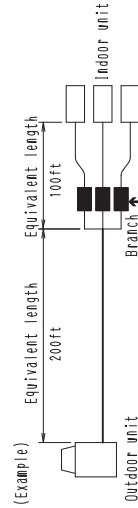


In the above case(Heating)
Overall equivalent length=200ft×0.4+100ft=180ft

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



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

The correction factor in capacity when Hp=0ft is thus approximately 0.88.

[Notes]

1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.

2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.

3. 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

× [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

× [Capacity change rate due to piping length to the farthest indoor unit]

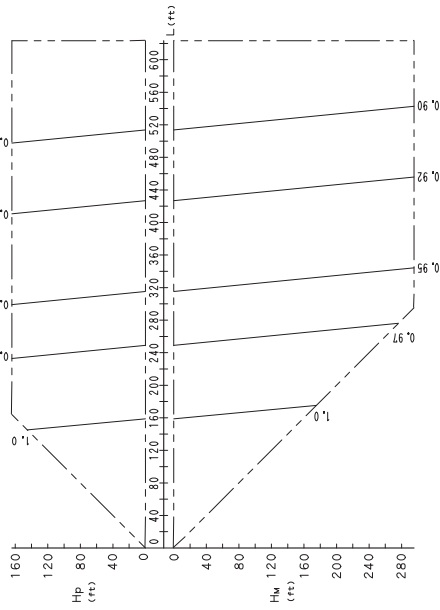
4. When overall equivalent pipe length is 295.3ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.
When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

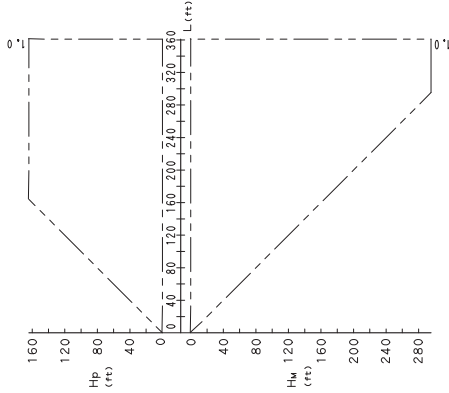
Model	Liquid
REYQ120PATJ	φ 5/8

REYQ144PATJ

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

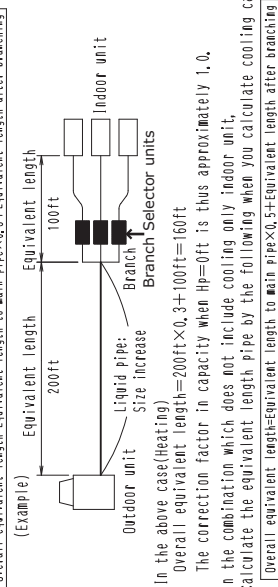
[Diameter of pipe(Standard size)]

Model	Liquid ϕ 1/2
REYQ144PATJ	

[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. More over, 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.

Model	Liquid ϕ 5/8
REYQ144PATJ	

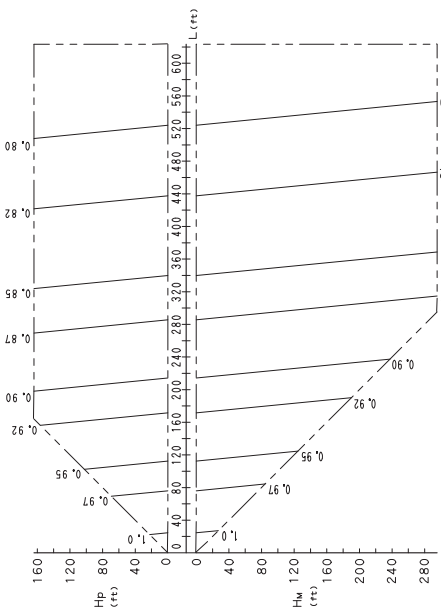


5. When the main sections of the interunit liquid pipe diameters are increased the overall equivalent length should be calculated as follows. (Heating only)
 Overall equivalent length=Equivalent length to main pipeX0.3+Equivalent length after branching
 (Example) Equivalent length 200ft, Equivalent length 100ft, Indoor unit, Branch Selector units, Liquid pipe: Size increase, Outdoor unit, Branch Selector units.
 In the above case(Heating)
 Overall equivalent length=200ftX0.3+100ft=160ft
 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 pipeX0.5+Equivalent length after branching
 (Example) Equivalent length 200ft, Equivalent length 100ft, Indoor unit, Branch Selector units, Outdoor unit, Branch Selector units.
 In the above case(Cooling)
 Overall equivalent length=200ftX0.5+100ft=200ft
 The correction factor in capacity when Hp=0ft is thus approximately 0.96,

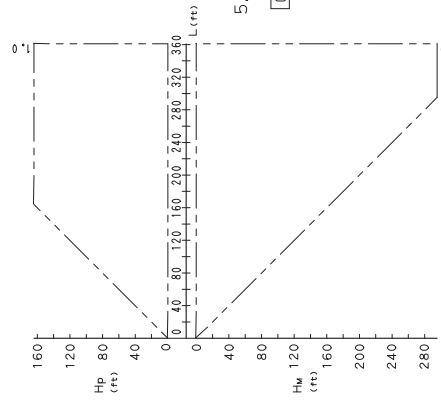
C: 3D058629A

REYQ168PATJ

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

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)]

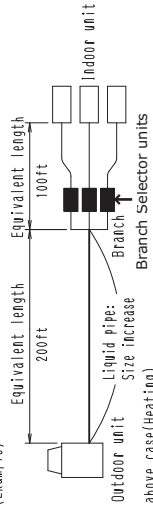
Model	Liquid
REYQ168PATJ	φ 5/8

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

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
REYQ168PATJ	0.4

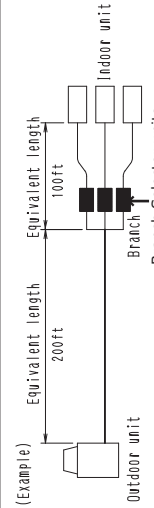


In the above case(Heating)
Overall equivalent length=200ft×0.4+100ft=180ft

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



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

The correction factor in capacity when Hp=0ft is thus approximately 0.88.

[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

4. When overall equivalent pipe length is 295.0ft or more, the diameter of the main liquid pipes (outdoor unit-branch sections) must be increased.

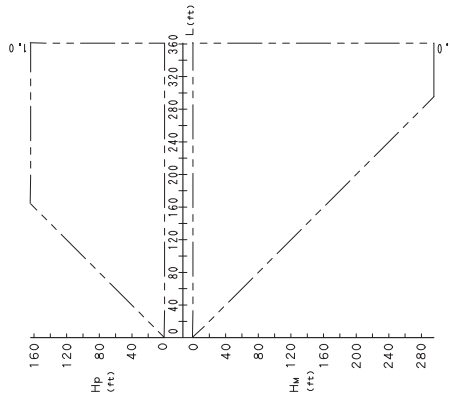
When level difference is 164.0ft or more, the diameter of the main liquid pipe (outdoor unit-branch sections) must be increased.

[Diameter of above case]

Model	Liquid
REYQ168PATJ	φ 3/4

REYQ192PATJ

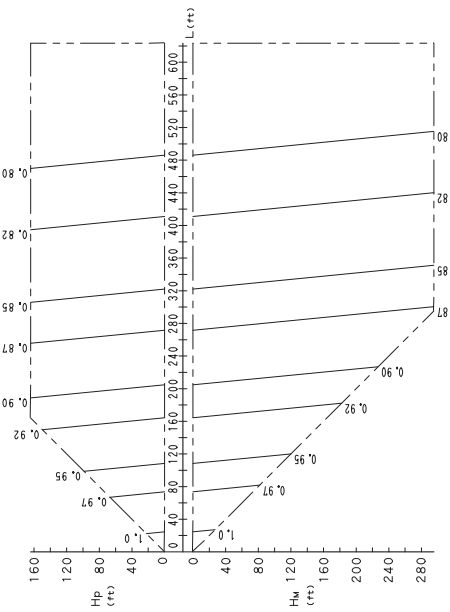
2. Rate of change in heating capacity



[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
REYQ192PATJ	ϕ 5/8

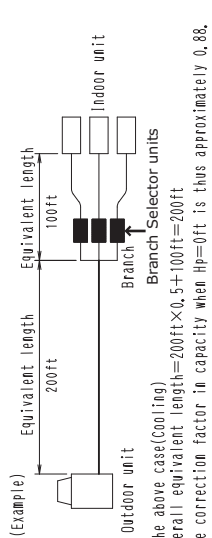
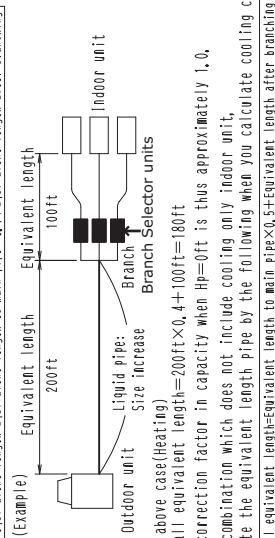
1. Rate of change in cooling capacity



[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%.
 $\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the 100\% combination}$
 $\times \text{Capacity change rate due to piping length to the farthest indoor unit}$
 • Condition: Indoor unit combination ratio exceeds 100%.
 $\text{Maximum A/C capacity of outdoor units} = \text{A/C capacity of outdoor units obtained from capacity characteristic table at the combination}$
 $\times \text{Capacity change rate due to piping length to the farthest indoor unit}$
 $\times \text{Capacity change rate due to piping length to the farthest outdoor unit-branch sections}$
- 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]

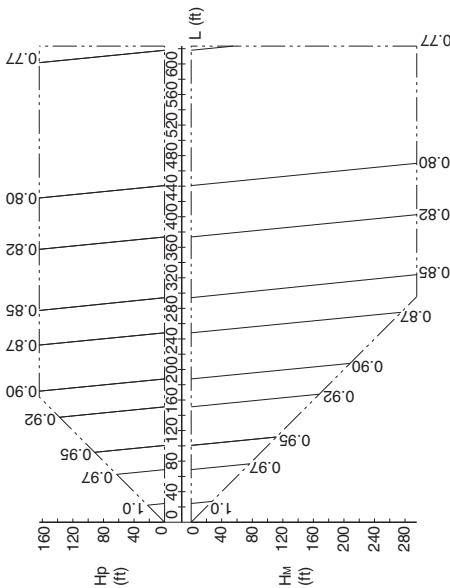
Model	Liquid
REYQ192PATJ	ϕ 3/4



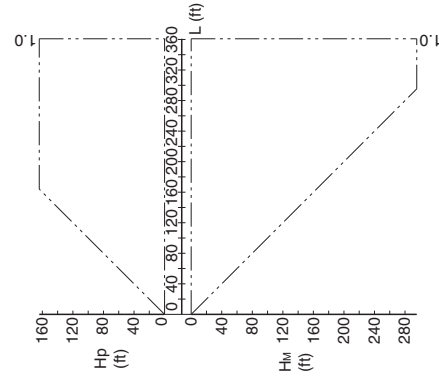
C: 3D059674A

REYQ216PTJUR

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
REYQ72PAYD REYQ72PATJ	φ 3/8
REYQ216PYDNR REYQ216PTJUR	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%.

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

$$\text{Condition: Indoor unit combination ratio exceeds 100\%.}$$

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

- 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]

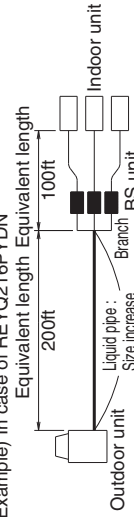
Model	liquid
REYQ72PAYD REYQ72PATJ	φ 1/2
REYQ216PYDNR REYQ216PTJUR	φ 3/4

- 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
REYQ72PAYD REYQ72PATJ	0.2
REYQ216PYDNR REYQ216PTJUR	0.4

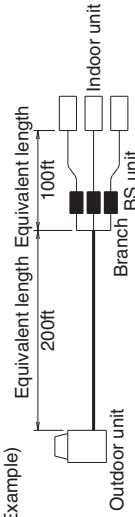
(Example) In case of REYQ216PYDNR



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.

Overall equivalent length = Equivalent length to main pipe × 0.5 + Equivalent length after branching
 (Example)

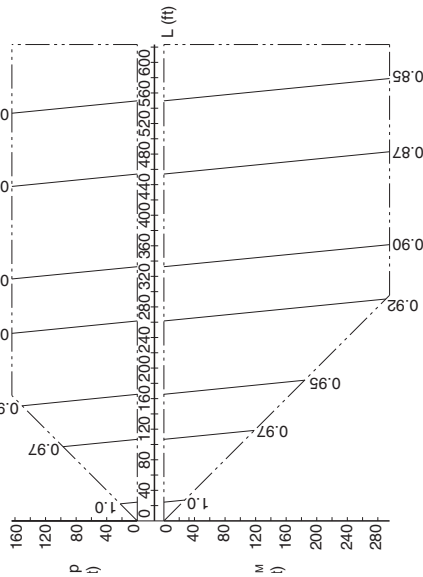


In the above case (Cooling)
 Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
 The correction factor in capacity when Hp = 0m is thus approximately 0.86.

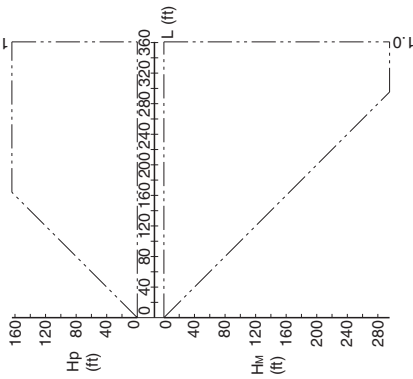
3D056626

REYQ240PTJUR

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
REYQ240PYDNR	ϕ 5/8
REYQ240PTJUR	ϕ 5/8

otes]

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.

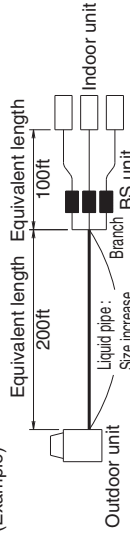
[Diameter of above case]

Model	liquid
REYQ240PYDNR	ϕ 3/4
REYQ240PTJUR	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 x 0.4 + Equivalent length after branching

(Example)



In the above case (Heating)

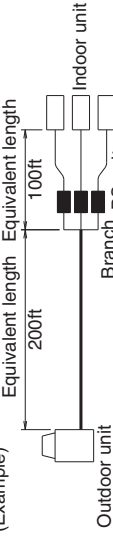
Overall equivalent length = 200ft x 0.4 + 100ft = 180ft

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 x 0.5 + Equivalent length after branching

(Example)



In the above case (Cooling)

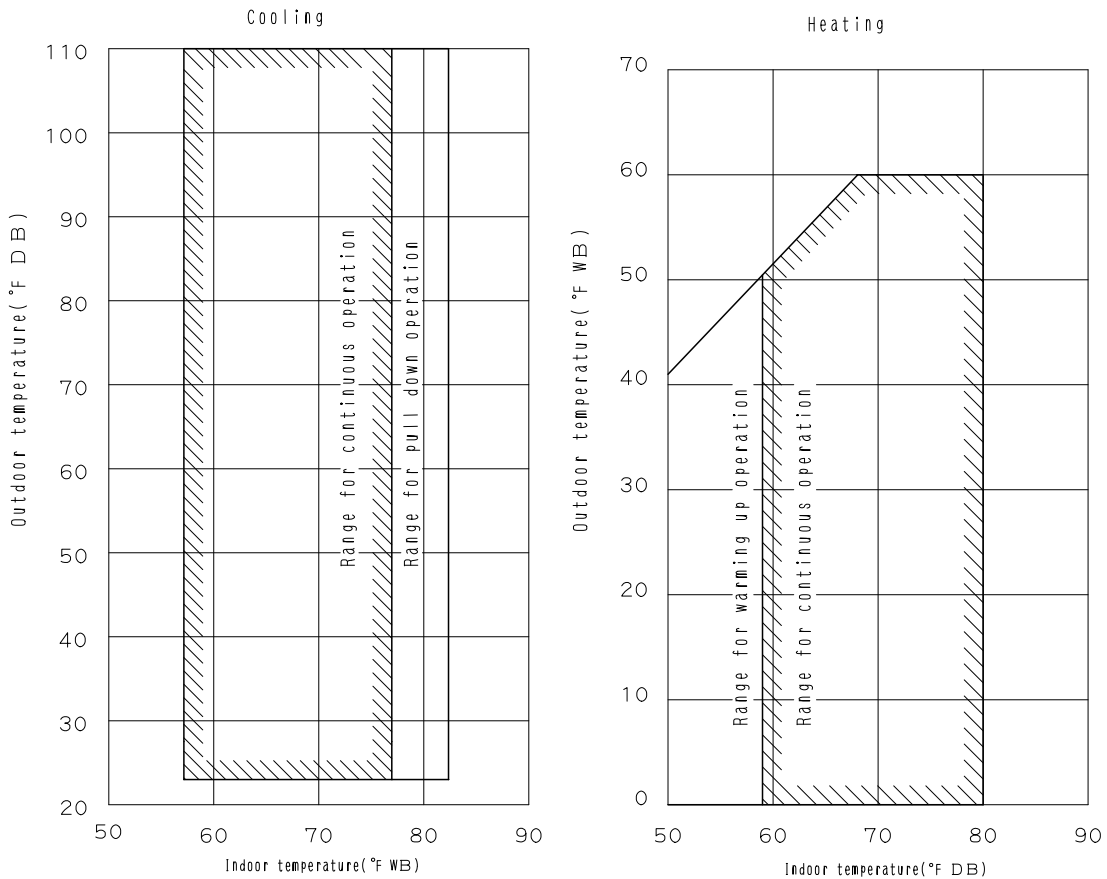
Overall equivalent length = 200ft x 0.5 + 100ft = 200ft

The correction factor in capacity when Hp = 0ft is thus approximately 0.91.

3D059673

10. Operation Limits

REYQ72, 96, 120, 144, 168, 192PATJ / 216~240PTJUR



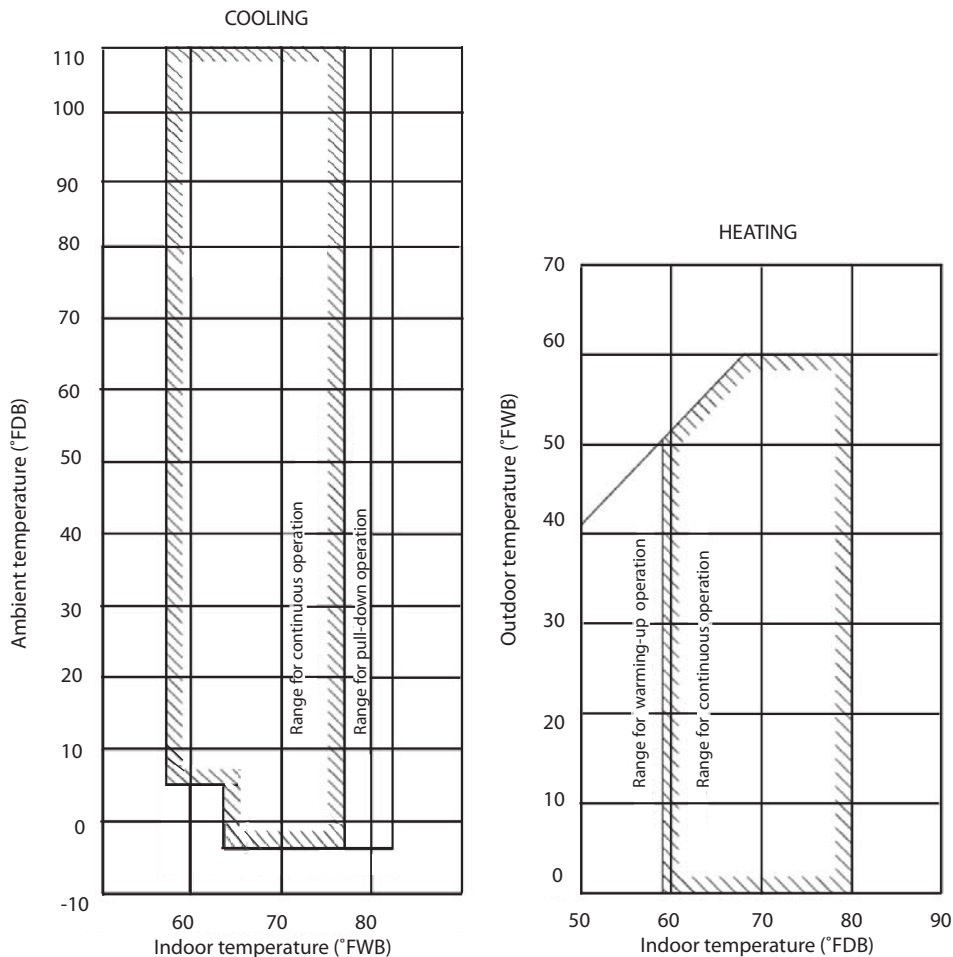
3D043026D

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

11. Low Ambient Cooling Enhancement

Low Ambient Cooling Enhancement:

- The VRV III PA product will include a new feature for Low Ambient Cooling
- The function enhances VRV III PA 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:

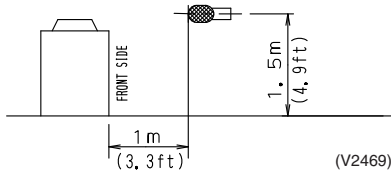
- Indoor Units assigned for low ambient cooling CANNOT exceed 50% of the Nominal Rating of the Condensing Unit
- Total Connection index of each system is limited to 60 – 130%
- Function is engaged by a field setting on the condensing unit (to enable Low Ambient Cooling) and a dip switch setting is necessary 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.**

12. Sound Levels

Overall

Model	Power Supply	60Hz/208-230V
REYQ72PATJ		58
REYQ96PATJ		58
REYQ120PATJ		60
REYQ144PATJ		62
REYQ168PATJ		61
REYQ192PATJ		62
REYQ216PTJUR		62
REYQ240PTJUR		63

dBA



Note:

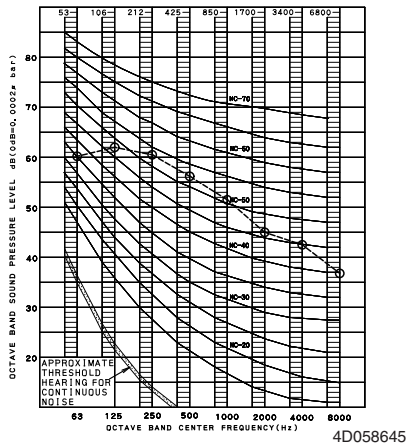
Sound level:

Anechoic chamber conversion value, measured at a point 3.3ft in front of the unit at a height of 4.9ft.

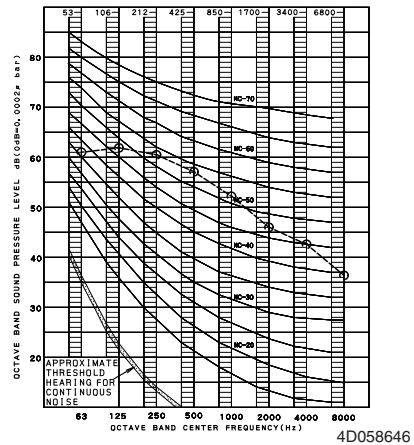
During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Octave Band Level

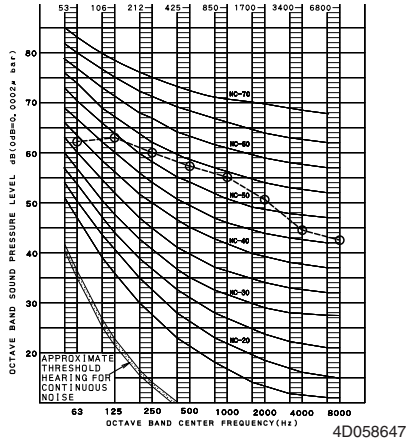
REYQ72PATJ



REYQ96PATJ








REYQ120PATJ



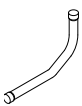
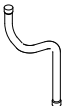



















13. Accessories

Standard Accessories



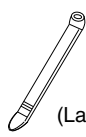

REYQ72, 96, 120PATJ



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. about each item
Shape						<ul style="list-style-type: none"> • Operation manual • Installation manual • "REQUEST FOR THE INDICATON" label (Installation records) • Additional Refrigerant Charge Label

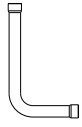








Name		Liquid side accessory pipe (1)	Liquid side accessory pipe (2)	Suction gas side accessory pipe (1)			Suction gas side accessory pipe (2)		
Quantity	72P type	1 pc.	1 pc.	1 pc.			1 pc.		
	96P type			1 pc.			1 pc.		
	120P type			1 pc.	1 pc.	1 pc.	1 pc.		
Shape									
				$\phi 7/8$	$\phi 7/8$	$\phi 1-1/8$	$\phi 3/4$	$\phi 7/8$	$\phi 1-1/8$





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 type	1 pc.	1 pc.	1 pc.						
Shape										
		$\phi 5/8$	$\phi 3/4$	$\phi 7/8$	$\phi 5/8$	$\phi 3/4$	$\phi 7/8$	$\phi 1$	$\phi 3/4$	

REMQ72, 96PATJ

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. about each item
Shape			<ul style="list-style-type: none"> • Operation manual • Installation manual • "REQUEST FOR THE INDICATON" label (Installation records) • 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	72-96PA type	1 pc.	1 pc.	1 pc.	/	1 pc.	/	2 pcs.	/	/
Shape				 φ7/8	 φ1-1/8	 φ7/8	 φ1-1/8	 φ3/4	 φ7/8	 φ7/8

Name		Equalizer side accessory pipe (1)	Equalizer side accessory pipe (2)	L type accessory joint (1)	L type accessory joint (2)
Quantity	72-96PA type	1 pc.	/	1 pc.	2 pc.
Shape			 φ3/4	 φ1	 φ3/4

Optional Accessories (For Unit)

Series			VRV III				
Optional accessories			Models	REYQ72PATJ	REYQ96PATJ REYQ120PATJ	REYQ144PATJ REYQ168PATJ	REYQ216PTJUR REYQ240PTJUR
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		
	AS No.	—	—		—		
	Z No.	—	—		—		

C: 3D059681B



- 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 and/or retailer.



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Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.



JMI-0107

Organization:
DAIKIN INDUSTRIES, LTD.
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF COMMERCIAL AIR CONDITIONING, HEATING, COOLING, REFRIGERATING EQUIPMENT, COMMERCIAL HEATING EQUIPMENT, RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT RECLAIM VENTILATION, AIR CLEANING EQUIPMENT, MARINE TYPE CONTAINER REFRIGERATION UNITS, COMPRESSORS AND VALVES.



JQA-1452

Organization:
DAIKIN INDUSTRIES
(THAILAND) LTD.

Scope of Registration:
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM



EC99J2044

All of the Daikin Group's business facilities and subsidiaries in Japan are certified under the ISO 14001 international standard for environment management.

Dealer

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