DAIKIN

EDUS 39-801A-R1

R-410A

Engineering Data

VRV III®

RXYQ_PYDN
3 phase
460V, 60Hz

DAIKIN AC (AMERICAS), INC.

RXYQ-P
Heat Pump

1. Specifications

Model Name			RXYQ72PYDN	RXYQ96PYDN	RXYQ120PYDN
Power Supply			3 Phase 60Hz 460V	3 Phase 60Hz 460V	3 Phase 60Hz 460V
★1 Cooling Capacity		Btu / h	72,000	96,000	120,000
★2 Heating Capacity		Btu / h	81,000	108,000	135,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		in (mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)
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	10.53+13.34	10.53+13.34	10.53+13.34
	Number of Revolutions	r.p.m	(2900, 6300)	2900, 6300	2900, 6300
	Motor Output×Number of Units	kW	(4.7) × 1	(2.2+4.5) × 1	(3.5+4.5) × 1
	Starting Method		Soft Start	Soft Start	Soft Start
Fan	Type		Propellor Fan	Propellor Fan	Propellor Fan
	Motor Output	kW	(0.75) × 1	(0.75) × 1	(0.75) × 1
	Air Flow Rate	cfm	6,530	6,530	7,060
	Drive		Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe	in (mm)	ϕ 3/8" (9.5 mm) C1220T (Brazing Connection)	ϕ 3/8" (9.5 mm) C1220T (Brazing Connection)	ϕ 1/2" (1/2 mm) C1220T (Brazing Connection)
	Gas Pipe	in (mm)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 7/8" (22.2 mm) C1220T (Brazing Connection)	ϕ 1-1/8" (28.6 mm) C1220T (Brazing Connection)
Mass		Lbs (kg)	573 lbs (259.9 kg)	573 lbs (259.9 kg)	573 lbs (259.9 kg)
★3 Sound Level (Reference Value)		dBA	58	58	60
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	R-410A
	Charge	Lbs	18.1	19.8	20.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			4D058599B	4D058600A	4D058601A

Notes:

★1 Indoor temp. : 80°FDB or 67°FWB / outdoor temp. : 95°FDB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★2 Indoor temp. : 70°FDB / outdoor temp. : 47°FDB or 43°FWB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★3 Anechoic chamber conversion value, measured under JISB8616 conditions. During actual operation, these values are normally somewhat higher as a result of ambient conditions.

Model Name (Combination Unit)			**RXYQ144PYDN**	**RXYQ168PYDN**	**RXYQ192PYDN**
Model Name (Independent Unit)			**RXYQ72PYDN RXYQ72PYDN**	**RXYQ72PYDN RXYQ96PYDN**	**RXYQ72PYDN RXYQ120PYDN**
Power Supply			3 Phase 60Hz 460V	3 Phase 60Hz 460V	3 Phase 60Hz 460V
★1 Cooling Capacity		Btu / h	144,000	168,000	192,000
★2 Heating Capacity		Btu / h	162,000	189,000	216,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		in (mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)
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 + (10.53+13.34)	16.90 + (10.53+13.34)	16.90 + (10.53+13.34)
	Number of Revolutions	r.p.m	7980, (2900, 6300)	7980, (2900, 6300)	7980, (2900, 6300)
	Motor Output×Number of Units	kW	(4.7) × 2	(4.7) × 1 + (2.2+4.5) × 1	(4.7) × 1 + (3.5+4.5) × 1
	Starting Method		Soft Start	Soft Start	Soft Start
Fan	Type		Propellor Fan	Propellor Fan	Propellor Fan
	Motor Output	kW	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 1
	Air Flow Rate	cfm	6,530+6,530	6,530+6,530	6,530+7,060
	Drive		Direct Drive	Direct Drive	Direct Drive
Connecting Pipes	Liquid Pipe ★3	in (mm)	ϕ1/2" (12.7 mm) C1220T (Brazing Connection)	ϕ5/8" (15.8 mm) C1220T (Brazing Connection)	ϕ5/8" (15.8 mm) C1220T (Brazing Connection)
	High Pressure Equalizer Pipe	in (mm)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)
	Gas Pipe ★3	in (mm)	ϕ1-1/8" (28.6 mm) C1220T (Brazing Connection)	ϕ1-1/8" (28.6 mm) C1220T (Brazing Connection)	ϕ1-1/8" (28.6 mm) C1220T (Brazing Connection)
	Low Pressure Equalizer Pipe	in (mm)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)
Mass		Lbs (kg)	573 lbs (259.9 kg) +573 lbs (259.9 kg)	573 lbs (259.9 kg) +573 lbs (259.9 kg)	573 lbs (259.9 kg) +573 lbs (259.9 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	High Pressure Switch, Fan Driver Overload Protector, Overcurrent Relay, Inverter Overload Protector
Defrost Method			Deicer	Deicer	Deicer
Capacity Control		%	13~100	9~100	7~100
Refrigerant	Refrigerant Name		R-410A	R-410A	R-410A
	Charge	Lbs	18.1+18.1	18.1+19.8	18.1+20.1
	Control		Electronic Expansion Valve	Electronic Expansion Valve	Electronic Expansion Valve
Standard Accessories			Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps	Installation Manual, Operation Manual, Connection Pipes, Clamps
Drawing No.			4D059661B	4D059662B	4D059663B

Notes:

★1 Indoor temp. : 80°FDB or 67°FWB / outdoor temp. : 95°FDB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★2 Indoor temp. : 70°FDB / outdoor temp. : 47°FDB or 43°FWB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★3 BHFP22P100U is necessary for the connection.
Concerning about the piping connection for each outdoor unit to the main line as shown above, use REFNET.

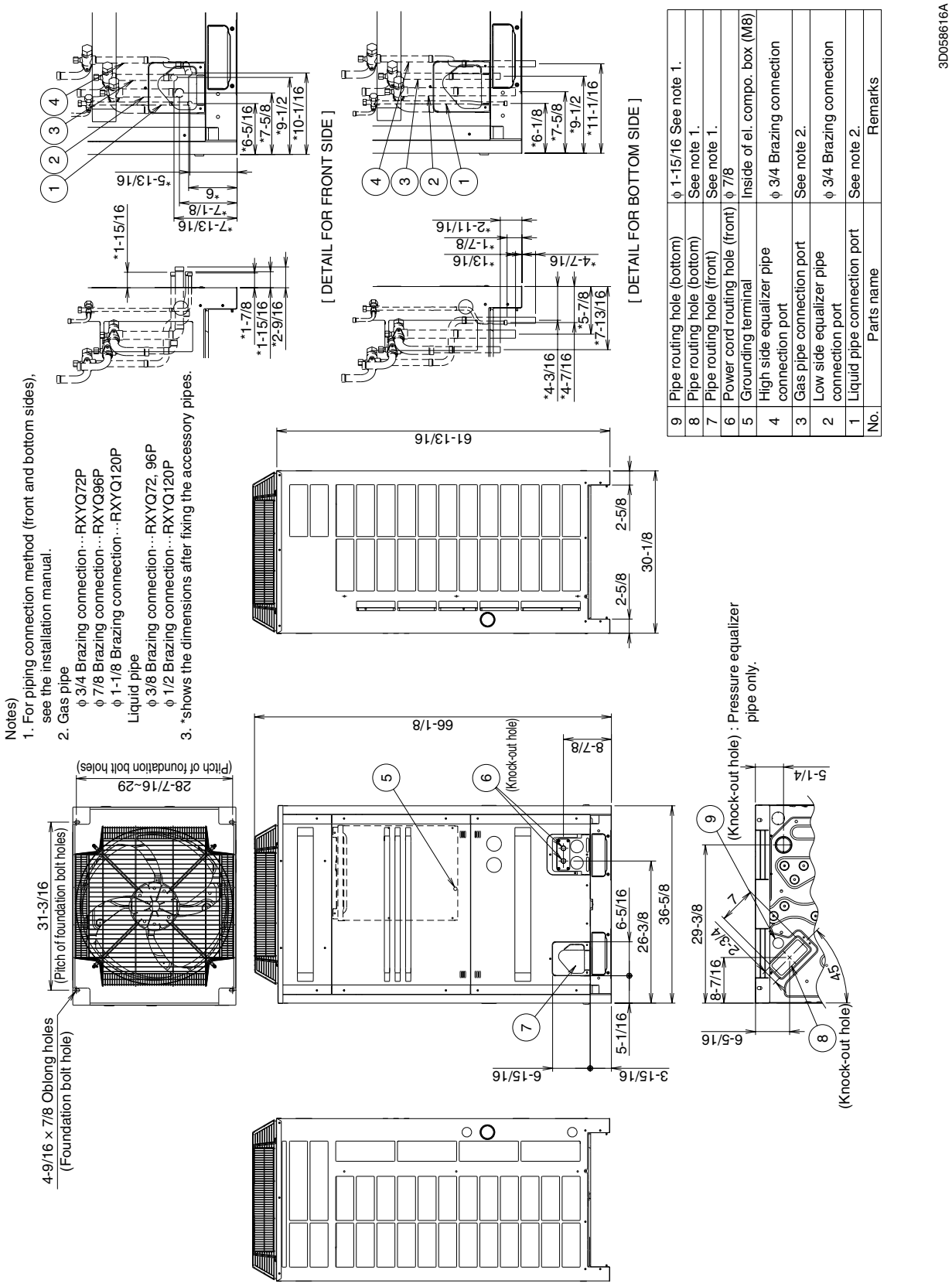
Model Name (Combination Unit)			RXYQ216PYDN	RXYQ240PYDN
Model Name (Independent Unit)			RXYQ96PYDN RXYQ120PYDN	RXYQ120PYDN RXYQ120PYDN
Power Supply			3 Phase 60Hz 460V	3 Phase 60Hz 460V
★1 Cooling Capacity		Btu / h	216,000	240,000
★2 Heating Capacity		Btu / h	243,000	270,000
Casing Color			Ivory White (5Y7.5/1)	Ivory White (5Y7.5/1)
Dimensions: (H×W×D)		in (mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm)	66-1/8 × 36-5/8 × 30-1/8" (1680 x 930 x 765 mm) + 66-1/8 × 36-5/8 × 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) × 2	(10.53+13.34) × 2
	Number of Revolutions	r.p.m	(2900, 6300) × 2	(2900, 6300) × 2
	Motor Output×Number of Units	kW	(2.2+4.5) × 1 + (3.5+4.5) × 1	(3.5+4.5) × 2
	Starting Method		Soft Start	Soft Start
Fan	Type		Propellor Fan	Propellor Fan
	Motor Output	kW	(0.75) × 1 + (0.75) × 1	(0.75) × 1 + (0.75) × 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)	ϕ 5/8" (15.9mm) C1220T (Brazing Connection)	ϕ 5/8" (15.9mm) C1220T (Brazing Connection)
	High Pressure Equalizer Pipe	in (mm)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)
	Gas Pipe ★3	in (mm)	ϕ 1-1/8" (28.6 mm) C1220T (Brazing Connection)	ϕ 1-3/8" (34.9 mm) C1220T (Brazing Connection)
	Low Pressure Equalizer Pipe	in (mm)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)	ϕ 3/4" (19.1 mm) C1220T (Brazing Connection)
Mass		Lbs (kg)	573 lbs (259.9 kg) +573 lbs (259.9 kg)	573 lbs (259.9 kg) +573 lbs (259.9 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		%	7~100	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.			4D059664A	4D059665A

Notes:

★1 Indoor temp. : 80°FDB or 67°FWB / outdoor temp. : 95°FDB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★2 Indoor temp. : 70°FDB / outdoor temp. : 47°FDB or 43°FWB / Equivalent piping length : 25 ft (7.5 m), level difference : 0 ft.
★3 BHFP22P100U is necessary for the connection.
Concerning about the piping connection for each outdoor unit to the main line as shown above, use REFNET.

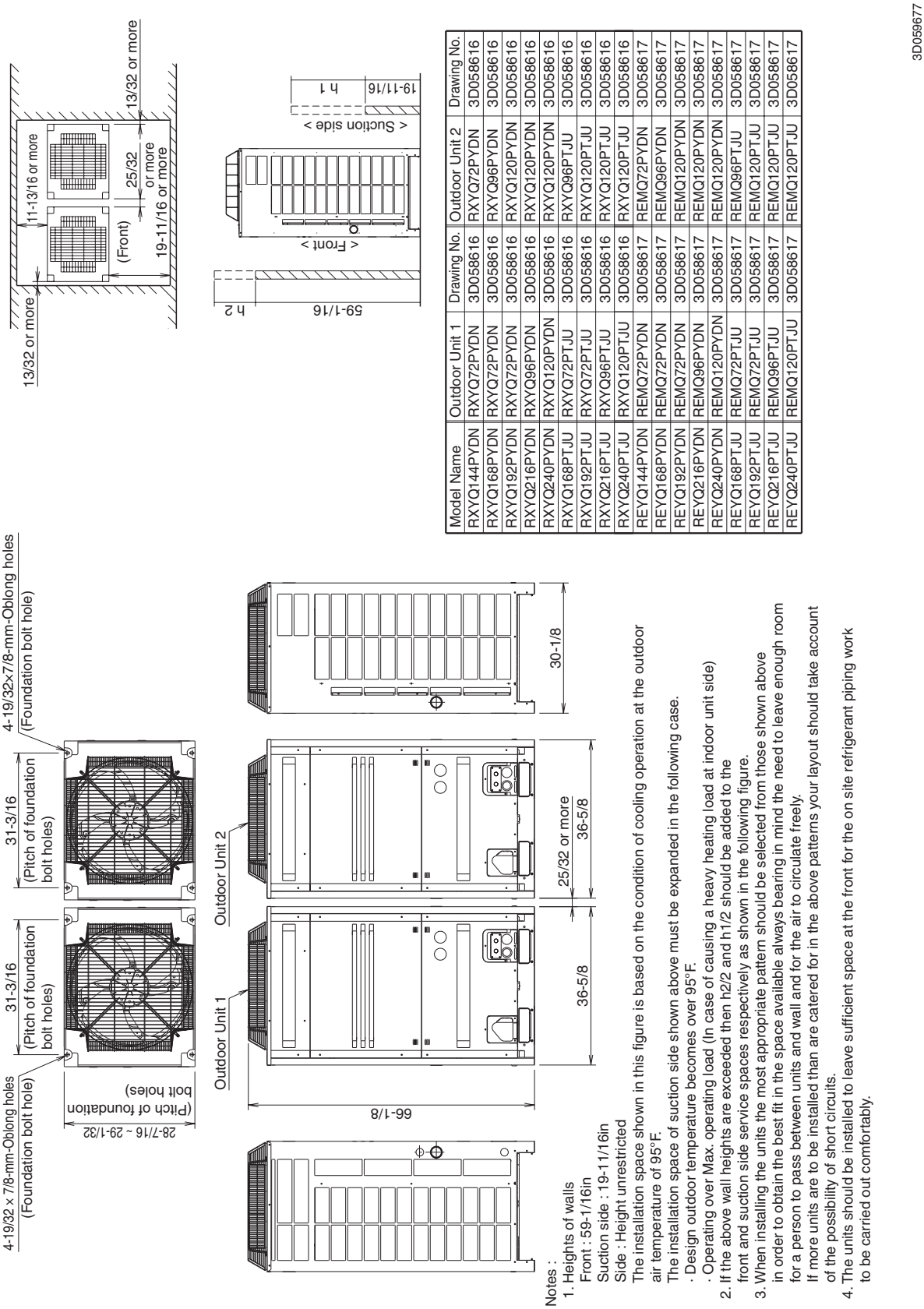
2. Dimensions

RXYQ72, 96, 120PYDN



No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2.
2	Low side equalizer pipe connection port	ϕ 3/4 Brazing connection
3	Gas pipe connection port	See note 2.
4	High side equalizer pipe connection port	ϕ 3/4 Brazing connection
5	Grounding terminal	Inside of el. compo. box (M8)
6	Power cord routing hole (front)	ϕ 7/8
7	Pipe routing hole (front)	See note 1.
8	Pipe routing hole (bottom)	See note 1.
9	Pipe routing hole (bottom)	ϕ 1-15/16 See note 1.

RXYQ144, 168, 192, 216, 240PYDN



Model Name	Outdoor Unit 1	Drawing No.	Outdoor Unit 2	Drawing No.
RXYQ144PYDN	RXYQ72PYDN	3D058616	RXYQ72PYDN	3D058616
RXYQ168PYDN	RXYQ72PYDN	3D058616	RXYQ96PYDN	3D058616
RXYQ192PYDN	RXYQ72PYDN	3D058616	RXYQ120PYDN	3D058616
RXYQ216PYDN	RXYQ96PYDN	3D058616	RXYQ120PYDN	3D058616
RXYQ240PYDN	RXYQ120PYDN	3D058616	RXYQ120PYDN	3D058616
RXYQ168PTJU	RXYQ72PTJU	3D058616	RXYQ96PTJU	3D058616
RXYQ192PTJU	RXYQ72PTJU	3D058616	RXYQ120PTJU	3D058616
RXYQ216PTJU	RXYQ96PTJU	3D058616	RXYQ120PTJU	3D058616
RXYQ240PTJU	RXYQ120PTJU	3D058616	RXYQ120PTJU	3D058616
REYQ144PYDN	REMQ72PYDN	3D058617	REMQ72PYDN	3D058617
REYQ168PYDN	REMQ72PYDN	3D058617	REMQ96PYDN	3D058617
REYQ192PYDN	REMQ72PYDN	3D058617	REMQ120PYDN	3D058617
REYQ216PYDN	REMQ96PYDN	3D058617	REMQ120PYDN	3D058617
REYQ240PYDN	REMQ120PYDN	3D058617	REMQ120PYDN	3D058617
REYQ168PTJU	REMQ72PTJU	3D058617	REMQ96PTJU	3D058617
REYQ192PTJU	REMQ72PTJU	3D058617	REMQ120PTJU	3D058617
REYQ216PTJU	REMQ96PTJU	3D058617	REMQ120PTJU	3D058617
REYQ240PTJU	REMQ120PTJU	3D058617	REMQ120PTJU	3D058617

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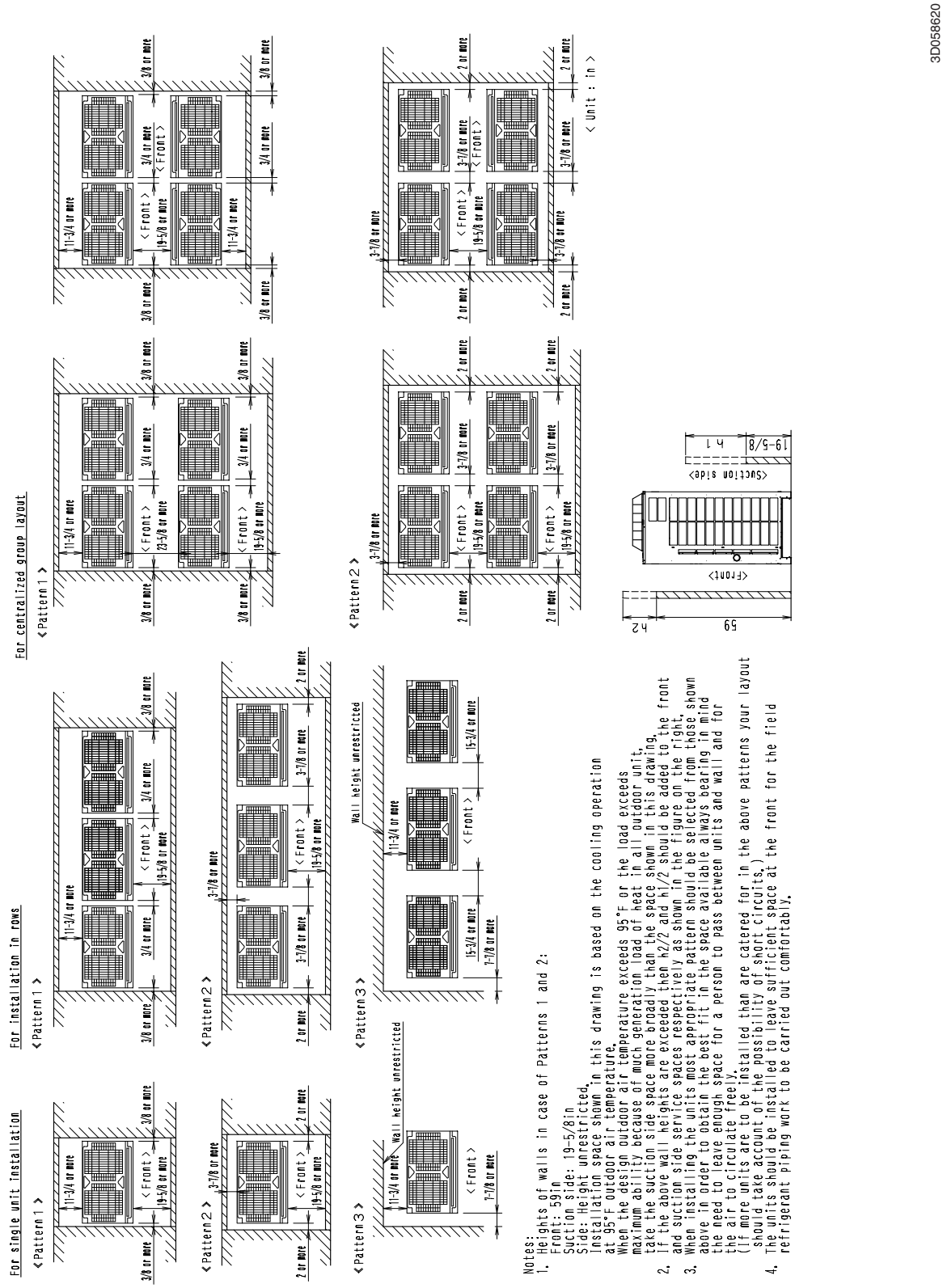
Notes :
1. Heights of walls
   Front : 59-1/16in
   Suction side : 19-11/16in
   Side : Height unrestricted
   The installation space shown in this figure is based on the condition of cooling operation at the outdoor air temperature of 95°F.
   The installation space of suction side shown above must be expanded in the following case.
   . Design outdoor temperature becomes over 95°F.
   . Operating over Max. operating load (In case of causing a heavy heating load at indoor unit side)
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service spaces respectively as shown in the 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

RXYQ72, 96, 120, 144, 168, 192, 216, 240PYDN



4. Piping Diagrams

RXYQ72, 96, 120PYDN

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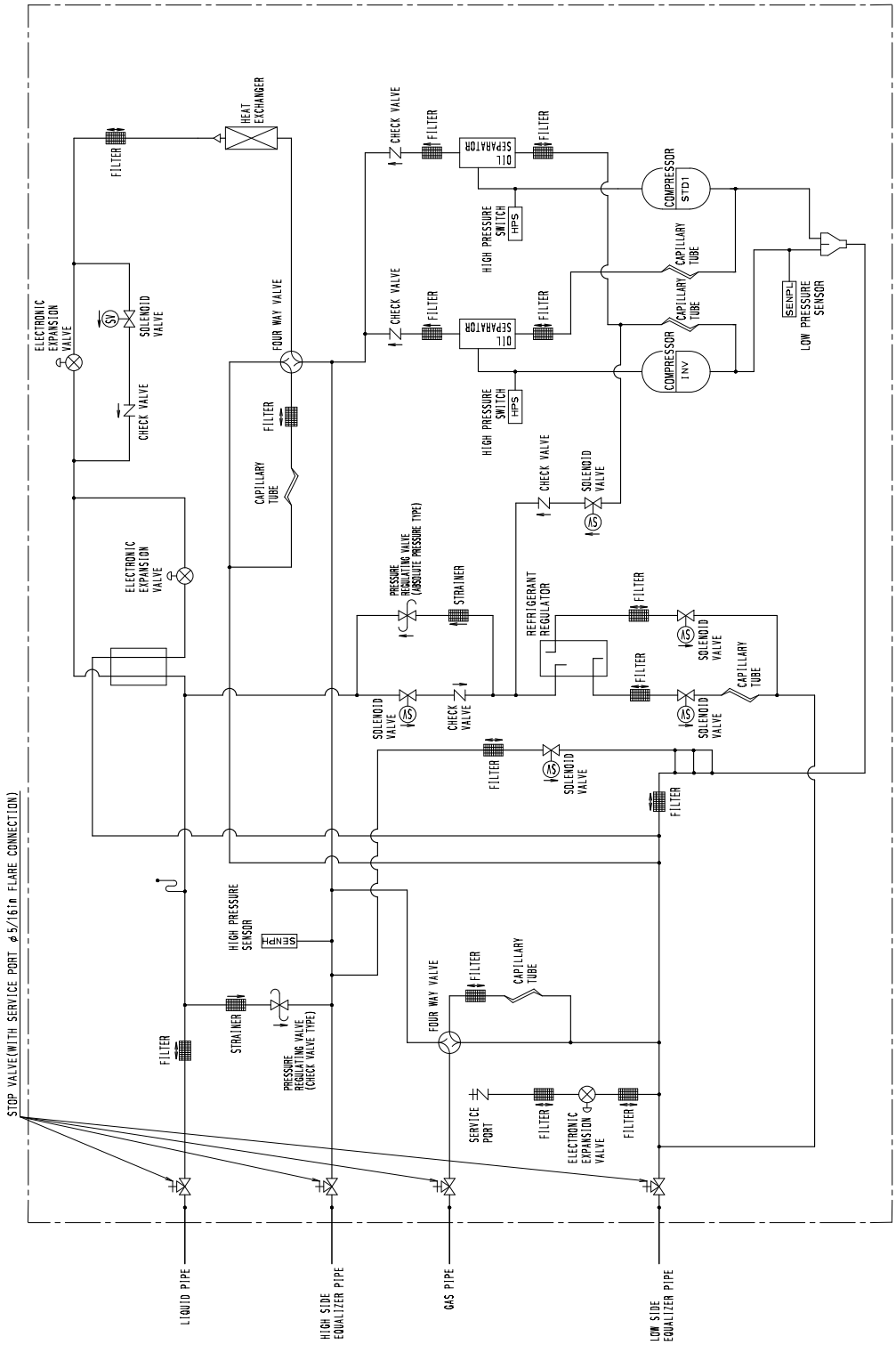
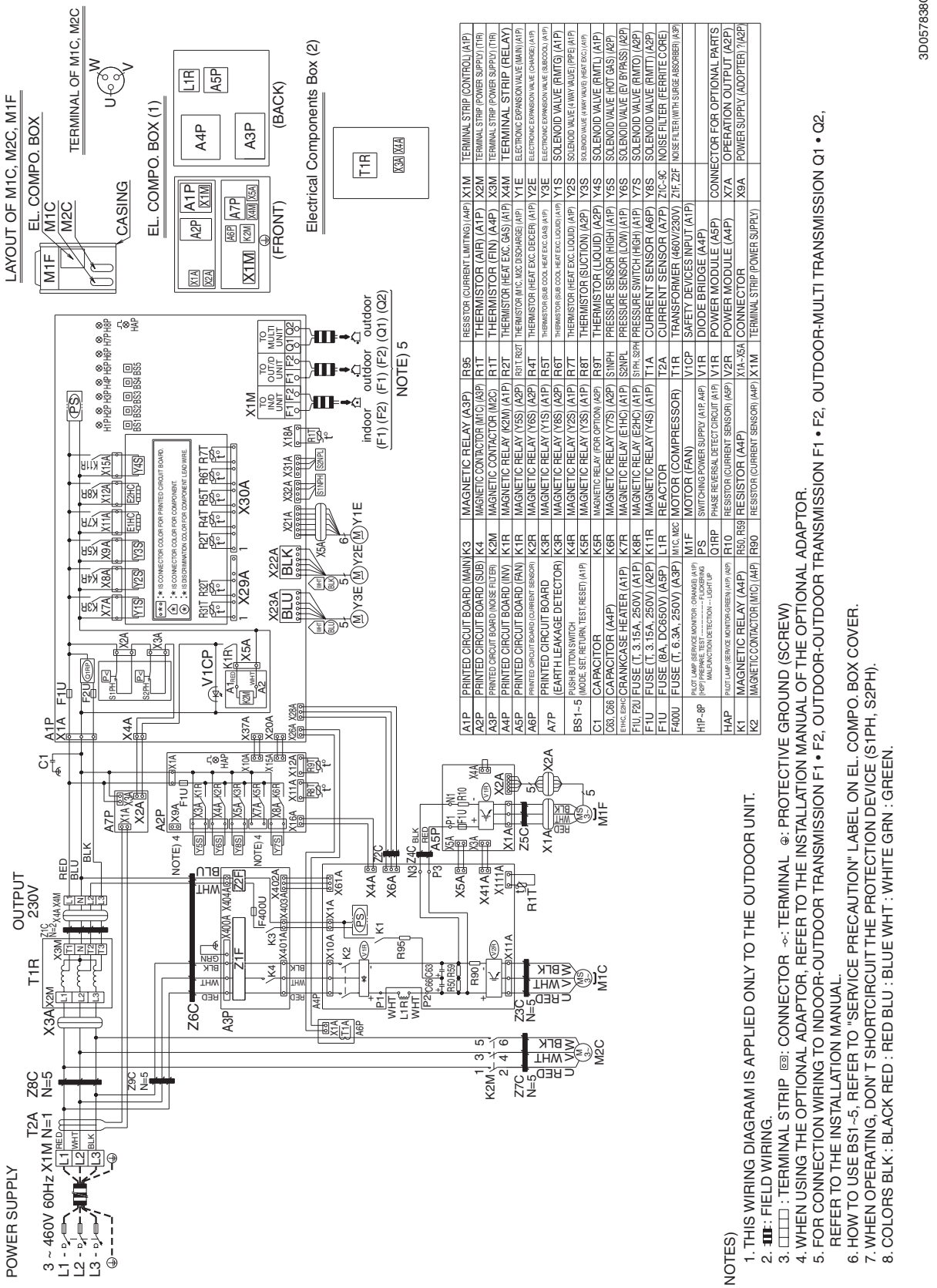


5. Wiring Diagrams

RXYQ72, 96, 120PYDN



A1P	PRINTED CIRCUIT BOARD (MAIN)	K3	MAGNETIC RELAY (A3P)	R95	RESISTOR (CURRENT LIMITING) (A4P)	X1M	TERMINAL STRIP (CONTROL) (A1P)
A2P	PRINTED CIRCUIT BOARD (SUB)	K4	MAGNETIC CONTACTOR (M1C) (A3P)	R1T	THERMISTOR (AIR) (A1P)	X2M	TERMINAL STRIP (POWER SUPPLY) (T1R)
A3P	PRINTED CIRCUIT BOARD (NOISE FILTER)	K2M	MAGNETIC CONTACTOR (M2C)	R1T	THERMISTOR (FIN) (A4P)	X3M	TERMINAL STRIP (POWER SUPPLY) (T1R)
A4P	PRINTED CIRCUIT BOARD (INV)	K1R	MAGNETIC RELAY (K2M) (A1P)	R2T	THERMISTOR (HEAT EXC. GAS) (A1P)	X4M	TERMINAL STRIP (RELAY)
A5P	PRINTED CIRCUIT BOARD (FAN)	K1R	MAGNETIC RELAY (Y5S) (A2P)	R3T, R2T	THERMISTOR (M1C, M2C DISCHARGE) (A1P)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN) (A1P)
A6P	PRINTED CIRCUIT BOARD (CURRENT SENSOR)	K2R	MAGNETIC RELAY (Y6S) (A2P)	R4T	THERMISTOR (HEAT EXC. DEICER) (A1P)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL) (A1P)
A7P	PRINTED CIRCUIT BOARD (EARTH LEAKAGE DETECTOR)	K3R	MAGNETIC RELAY (Y8S) (A2P)	R5T	THERMISTOR (SUB COOL HEAT EXC. GAS) (A1P)	Y3E	ELECTRONIC EXPANSION VALVE (SUBCOOL) (A1P)
BS1~5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET) (A1P)	K4R	MAGNETIC RELAY (Y2S) (A1P)	R6T	THERMISTOR (SUB COOL HEAT EXC. LIQUID) (A1P)	Y1S	SOLENOID VALVE (RMTG) (A1P)
C1	CAPACITOR	K5R	MAGNETIC RELAY (Y3S) (A1P)	R7T	THERMISTOR (HEAT EXC. LIQUID) (A1P)	Y2S	SOLENOID VALVE (4 WAY VALVE) (PPE) (A1P)
C3, C6	CAPACITOR (A4P)	K6R	MAGNETIC RELAY (Y7S) (A2P)	R8T	THERMISTOR (SUCTION) (A2P)	Y3S	SOLENOID VALVE (4 WAY VALVE) (HEAT EXC.) (A1P)
E1HC, E2HC	CRANKCASE HEATER (A1P)	K7R	MAGNETIC RELAY (E1HC) (A1P)	R9T	THERMISTOR (LIQUID) (A2P)	Y4S	SOLENOID VALVE (RMTL) (A1P)
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P)	K8R	MAGNETIC RELAY (E2HC) (A1P)	S1NPH	PRESSURE SENSOR (HIGH) (A1P)	Y5S	SOLENOID VALVE (HOT GAS) (A2P)
F1U	FUSE (T, 3.15A, 250V) (A2P)	K1R	MAGNETIC RELAY (Y4S) (A1P)	S2NPL	PRESSURE SENSOR (LOW) (A1P)	Y6S	SOLENOID VALVE (EV BYPASS) (A2P)
F1U	FUSE (6A, DC650V) (A5P)	L1R	REACTOR	T1A	CURRENT SENSOR (A6P)	Y7S	SOLENOID VALVE (RMTO) (A2P)
F400U	FUSE (T, 6.3A, 250V) (A3P)	M1C, M2C	MOTOR (COMPRESSOR)	T2A	CURRENT SENSOR (A7P)	Y8S	SOLENOID VALVE (RMTT) (A2P)
H1P~8P	PILOT LAMP (SERVICE MONITOR : ORANGE) (A1P) (HEX PREPARE TEST : ------- : FLICKERING MALFUNCTION DETECTION : ---- : LIGHT UP	M1F	MOTOR (FAN)	T1R	TRANSFORMER (460V/230V)	Z1F, Z2F	NOISE FILTER (WITH SURGE ABSORBER) (A3P)
		PS	SWITCHING POWER SUPPLY (A1P, A4P)	V1CP	SAFETY DEVICES INPUT (A1P)		
		Q1RP	PHASE REVERSAL DETECT CIRCUIT (A1P)	V1R	DIODE BRIDGE (A4P)		
HAP	PILOT LAMP (SERVICE MONITOR-GREEN) (A1P, A2P)	R10	RESISTOR (CURRENT SENSOR) (A5P)	V1R	POWER MODULE (A5P)		CONNECTOR FOR OPTIONAL PARTS
K1	MAGNETIC RELAY (A4P)	R50, R59	RESISTOR (A4P)	V2R	POWER MODULE (A4P)	X7A	OPERATION OUTPUT (A2P)
K2	MAGNETIC CONTACTOR (M1C) (A4P)	R90	RESISTOR (CURRENT SENSOR) (A4P)	X1M	TERMINAL STRIP (POWER SUPPLY)	X9A	POWER SUPPLY (ADOPTER) (A2P)

NOTES)
1. THIS WIRING DIAGRAM IS APPLIED ONLY TO THE OUTDOOR UNIT.
2. : FIELD WIRING.
3. : TERMINAL STRIP : CONNECTOR : TERMINAL : PROTECTIVE GROUND (SCREW)
4. WHEN USING THE OPTIONAL ADAPTOR, REFER TO THE INSTALLATION MANUAL OF THE OPTIONAL ADAPTOR.
5. FOR CONNECTION WIRING TO INDOOR-OUTDOOR TRANSMISSION F1 • F2, OUTDOOR-OUTDOOR TRANSMISSION F1 • F2, OUTDOOR-MULTI TRANSMISSION Q1 • Q2, REFER TO THE INSTALLATION MANUAL.
6. HOW TO USE BS1~5, REFER TO "SERVICE PRECAUTION" LABEL ON EL. COMPO. BOX COVER.
7. WHEN OPERATING, DON'T SHORTCIRCUIT THE PROTECTION DEVICE (S1PH, S2PH).
8. COLORS BLK : BLACK RED : RED BLU : BLUE WHT : WHITE GRN : GREEN.

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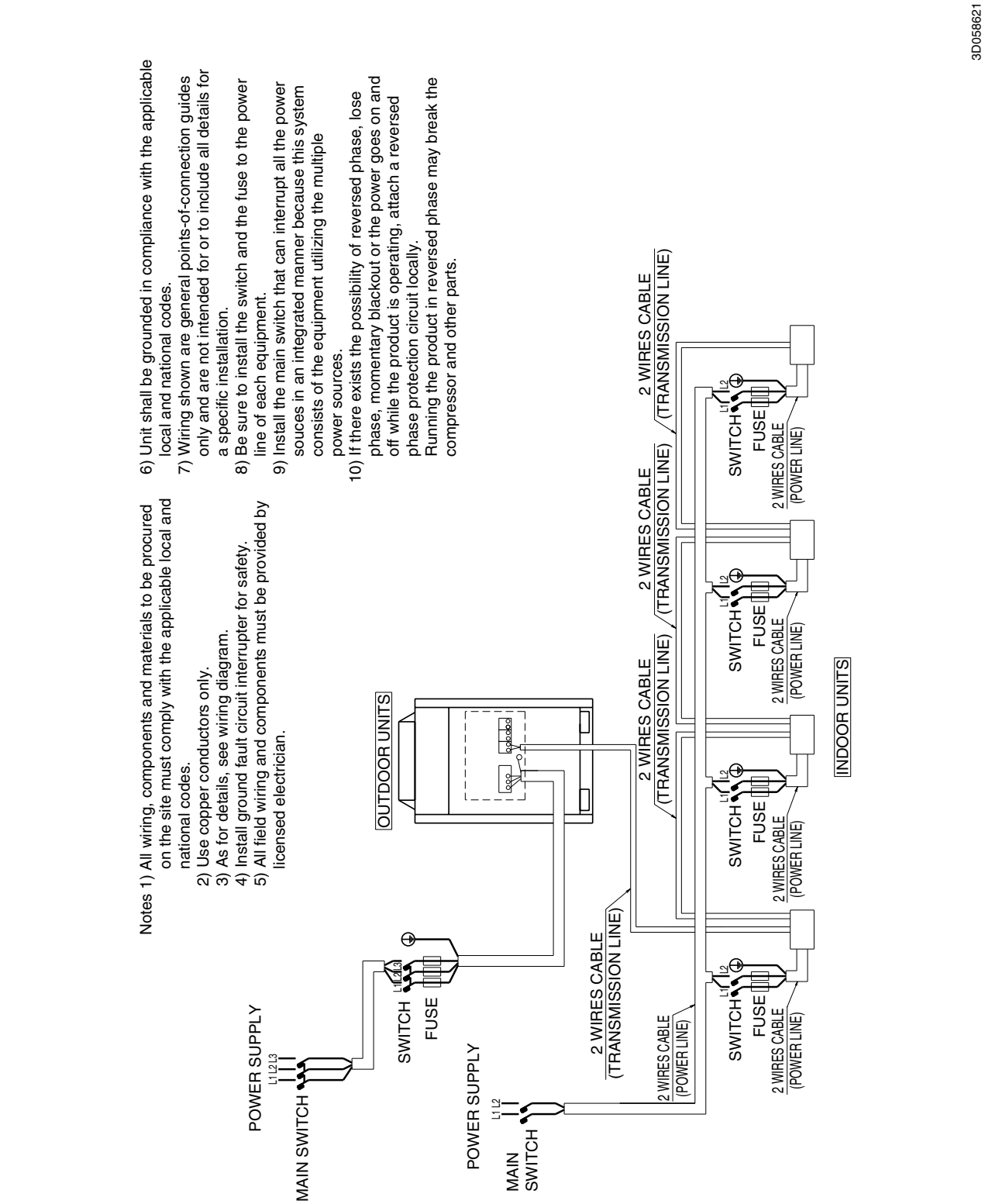
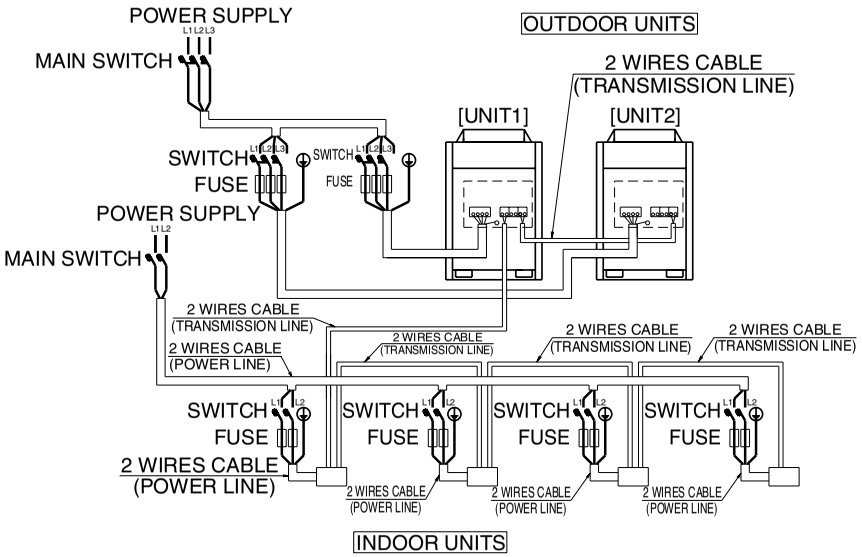
6. Field Wiring

RXYQ72, 96, 120PYDN



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 ground fault circuit interrupter 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 souces 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. >

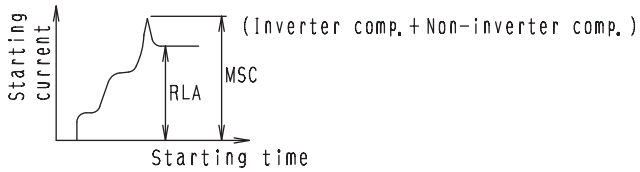


3D059672

7. Electric Characteristics

Model Name	Units				Power supply			Comp.		OFM	
	Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ72PYDN	60	460	416	508	20.2	31.5	25	65	7.1	0.75	0.6
RXYQ96PYDN	60	460	416	508	20.3	31.5	25	65	3.9+8.4	0.75	0.8
RXYQ120PYDN	60	460	416	508	20.5	31.5	30	65	6.1+8.4	0.75	1.0

The relationship between the starting time and the starting current.



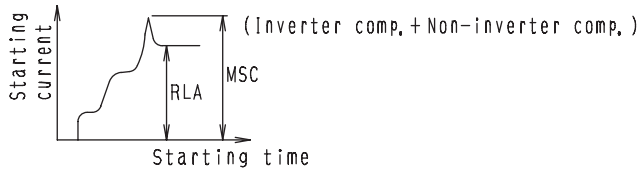
Notes:
1. RLA is based on the following conditions.
   Indoor temp. 80°FDB/67°FWB
   Outdoor temp. 95°FDB
2. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied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

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

3D059057

Model Name			Units				Power supply			Comp.		OFM	
Combination Unit	Independent Unit		Hz	Volts	Min.	Max.	MCA	TOCA	MFA	MSC	RLA	KW	FLA
RXYQ144PYDN	RXYQ72PYDN	RXYQ72PYDN	60	460	416	508	40.4	31.5+31.5	25+25	69	7.1+7.1	0.75+0.75	0.6+0.6
RXYQ168PYDN	RXYQ72PYDN	RXYQ96PYDN	60	460	416	508	40.5	31.5+31.5	25+25	69	7.1+3.9+8.4	0.75+0.75	0.6+0.8
RXYQ192PYDN	RXYQ72PYDN	RXYQ120PYDN	60	460	416	508	40.7	31.5+31.5	25+30	69	7.1+6.1+8.4	0.75+0.75	0.6+0.8
RXYQ216PYDN	RXYQ96PYDN	RXYQ120PYDN	60	460	416	508	40.8	31.5+31.5	25+30	77	3.9+8.4+6.1+8.4	0.75+0.75	0.8+1.0
RXYQ240PYDN	RXYQ120PYDN	RXYQ120PYDN	60	460	416	508	41.0	31.5+31.5	30+30	78	6.1+8.4+6.1+8.4	0.75+0.75	1.0+1.0

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. TOCA means the total value of each OC set.
3. MSC means the Max. current during the starting of compressor.
4. Voltage range
   Units are suitable for use on electrical systems where voltage supplied to unit terminal is not below or above listed range limits.
5. Maximum allowable voltage variation between phases is 2%.
6. Select wire size based on the larger value of MCA or TOCA.
7. MFA is used to select the circuit breaker and the ground fault circuit interrupter (groundleakage circuit breaker).

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

8. Capacity Tables (Reference Data)

8.1 Cooling Capacity (RXYQ-PYDN)

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

RXYQ72PYDN

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	50	60.7	2.38	73.9	2.98	83.7	3.44	90.7	3.57	92.5	3.62	93.8	3.62	95.6	3.62
	54	60.7	2.43	73.9	3.04	83.7	3.51	89.4	3.64	91.2	3.70	92.5	3.70	94.3	3.70
	58	60.7	2.48	73.9	3.10	83.7	3.59	88.1	3.72	89.9	3.73	91.2	3.73	93.0	3.73
	62	60.7	2.53	73.9	3.17	83.7	3.67	86.8	3.73	88.6	3.73	89.9	3.71	91.7	3.63
	66	60.7	2.59	73.9	3.27	83.6	3.93	85.5	3.96	87.3	3.99	88.6	4.01	90.4	4.05
	70	60.7	2.67	73.9	3.54	82.3	4.14	84.2	4.17	86.0	4.21	87.2	4.23	89.1	4.26
	72	60.7	2.77	73.9	3.68	81.7	4.24	83.5	4.28	85.4	4.31	86.6	4.34	88.4	4.37
	75	60.7	2.93	73.9	3.89	80.7	4.40	82.5	4.44	84.4	4.47	85.6	4.50	87.5	4.54
	79	60.7	3.16	73.9	4.20	79.4	4.61	81.2	4.65	83.1	4.69	84.3	4.72	86.2	4.75
	83	60.7	3.40	73.9	4.52	78.1	4.82	79.9	4.86	81.8	4.90	83.0	4.93	84.9	4.97
	87	60.7	3.65	73.9	4.86	76.8	5.03	78.6	5.08	80.5	5.12	81.7	5.15	83.6	5.20
	91	60.7	3.91	73.7	5.20	75.5	5.25	77.3	5.29	79.2	5.34	80.4	5.37	82.3	5.42
	93	60.7	4.05	73.0	5.30	74.8	5.35	76.7	5.40	78.5	5.45	79.8	5.48	81.6	5.53
	95	60.7	4.20	72.4	5.41	74.2	5.46	76.0	5.51	77.9	5.56	79.1	5.59	81.0	5.64
	99	60.7	4.50	71.1	5.62	72.9	5.67	74.7	5.73	76.6	5.78	77.8	5.82	79.7	5.87
	103	60.7	4.82	69.7	5.83	71.6	5.89	73.4	5.95	75.3	6.00	76.5	6.04	78.4	6.10
120	50	56.1	2.17	68.2	2.71	77.3	3.14	86.4	3.57	91.0	3.62	92.2	3.62	93.9	3.62
	54	56.1	2.22	68.2	2.77	77.3	3.20	86.4	3.64	89.7	3.70	90.9	3.70	92.6	3.70
	58	56.1	2.26	68.2	2.83	77.3	3.27	86.4	3.72	88.4	3.73	89.6	3.73	91.3	3.73
	62	56.1	2.31	68.2	2.89	77.3	3.34	85.4	3.73	87.1	3.73	88.3	3.71	90.0	3.63
	66	56.1	2.36	68.2	2.95	77.3	3.49	84.1	3.94	85.8	3.97	87.0	3.99	88.7	4.02
	70	56.1	2.41	68.2	3.15	77.3	3.78	82.8	4.15	84.5	4.18	85.7	4.20	87.4	4.23
	72	56.1	2.49	68.2	3.27	77.3	3.93	82.2	4.25	83.9	4.29	85.0	4.31	86.7	4.34
	75	56.1	2.63	68.2	3.46	77.3	4.16	81.2	4.41	82.9	4.44	84.0	4.47	85.7	4.50
	79	56.1	2.83	68.2	3.73	77.3	4.49	79.9	4.62	81.6	4.66	82.7	4.68	84.4	4.72
	83	56.1	3.04	68.2	4.01	76.9	4.79	78.6	4.83	80.3	4.87	81.4	4.90	83.1	4.94
	87	56.1	3.26	68.2	4.32	75.6	5.00	77.3	5.05	79.0	5.09	80.1	5.11	81.8	5.15
	91	56.1	3.49	68.2	4.64	74.3	5.22	76.0	5.26	77.7	5.30	78.8	5.33	80.5	5.38
	93	56.1	3.62	68.2	4.80	73.6	5.32	75.3	5.37	77.0	5.41	78.2	5.44	79.9	5.49
	95	56.1	3.74	68.2	4.98	73.0	5.43	74.7	5.47	76.4	5.52	77.5	5.55	79.2	5.60
	99	56.1	4.01	68.2	5.34	71.7	5.64	73.4	5.69	75.1	5.74	76.2	5.77	77.9	5.82
	103	56.1	4.29	68.2	5.73	70.4	5.85	72.1	5.91	73.8	5.96	74.9	5.99	76.6	6.05
110	50	51.4	1.98	62.5	2.46	70.9	2.84	79.2	3.22	87.5	3.62	90.6	3.48	92.2	3.48
	54	51.4	2.02	62.5	2.51	70.9	2.89	79.2	3.29	87.5	3.70	89.3	3.56	90.8	3.56
	58	51.4	2.06	62.5	2.56	70.9	2.96	79.2	3.36	86.9	3.73	88.0	3.63	89.5	3.63
	62	51.4	2.10	62.5	2.62	70.9	3.02	79.2	3.44	85.6	3.73	86.7	3.71	88.2	3.63
	66	51.4	2.14	62.5	2.67	70.9	3.09	79.2	3.62	84.3	3.94	85.4	3.96	86.9	3.99
	70	51.4	2.19	62.5	2.78	70.9	3.33	79.2	3.92	83.0	4.15	84.1	4.17	85.6	4.20
	72	51.4	2.21	62.5	2.89	70.9	3.46	79.2	4.08	82.4	4.26	83.4	4.28	85.0	4.31
	75	51.4	2.34	62.5	3.06	70.9	3.66	79.2	4.32	81.4	4.41	82.5	4.44	84.0	4.47
	79	51.4	2.51	62.5	3.29	70.9	3.94	78.6	4.59	80.1	4.63	81.2	4.65	82.7	4.68
	83	51.4	2.70	62.5	3.54	70.9	4.25	77.3	4.80	78.8	4.84	79.9	4.86	81.4	4.90
	87	51.4	2.89	62.5	3.80	70.9	4.57	75.9	5.01	77.5	5.05	78.6	5.08	80.1	5.11
	91	51.4	3.10	62.5	4.08	70.9	4.91	74.6	5.22	76.2	5.26	77.3	5.29	78.8	5.33
	93	51.4	3.21	62.5	4.23	70.9	5.09	74.0	5.33	75.6	5.37	76.6	5.40	78.2	5.44
	95	51.4	3.32	62.5	4.38	70.9	5.27	73.3	5.44	74.9	5.48	75.9	5.51	77.5	5.55
	99	51.4	3.55	62.5	4.69	70.5	5.61	72.0	5.65	73.6	5.70	74.6	5.73	76.2	5.77
	103	51.4	3.80	62.5	5.03	69.2	5.82	70.7	5.87	72.3	5.91	73.3	5.94	74.9	5.99
100	50	46.7	1.78	56.8	2.21	64.4	2.54	72.0	2.89	79.6	3.24	84.6	3.48	90.4	3.48
	54	46.7	1.82	56.8	2.25	64.4	2.59	72.0	2.95	79.6	3.31	84.6	3.56	89.1	3.56
	58	46.7	1.85	56.8	2.30	64.4	2.65	72.0	3.01	79.6	3.38	84.6	3.63	87.8	3.63
	62	46.7	1.89	56.8	2.35	64.4	2.71	72.0	3.08	79.6	3.46	84.6	3.71	86.5	3.63
	66	46.7	1.93	56.8	2.40	64.4	2.77	72.0	3.15	79.6	3.65	83.8	3.93	85.2	3.96
	70	46.7	1.97	56.8	2.45	64.4	2.90	72.0	3.41	79.6	3.95	82.5	4.14	83.9	4.17
	72	46.7	1.99	56.8	2.53	64.4	3.01	72.0	3.54	79.6	4.11	81.8	4.25	83.3	4.27
	75	46.7	2.07	56.8	2.68	64.4	3.19	72.0	3.75	79.6	4.35	80.9	4.40	82.3	4.43
	79	46.7	2.22	56.8	2.88	64.4	3.43	72.0	4.04	78.6	4.59	79.6	4.61	81.0	4.64
	83	46.7	2.38	56.8	3.09	64.4	3.69	72.0	4.35	77.3	4.80	78.3	4.83	79.7	4.86
	87	46.7	2.55	56.8	3.32	64.4	3.97	72.0	4.68	76.0	5.01	77.0	5.04	78.4	5.07
	91	46.7	2.73	56.8	3.56	64.4	4.26	72.0	5.03	74.7	5.23	75.7	5.25	77.1	5.29
	93	46.7	2.82	56.8	3.69	64.4	4.42	72.0	5.21	74.1	5.33	75.0	5.36	76.4	5.39
	95	46.7	2.92	56.8	3.82	64.4	4.57	72.0	5.40	73.4	5.44	74.4	5.46	75.8	5.50
	99	46.7	3.12	56.8	4.09	64.4	4.90	70.7	5.61	72.1	5.65	73.1	5.68	74.5	5.72
	103	46.7	3.33	56.8	4.38	64.4	5.26	69.4	5.82	70.8	5.87	71.8	5.90	73.2	5.94

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.

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	50	42.0	1.60	51.1	1.97	58.0	2.26	64.8	2.56	71.6	2.87	76.2	3.08	83.0	3.41
	54	42.0	1.63	51.1	2.01	58.0	2.30	64.8	2.61	71.6	2.93	76.2	3.15	83.0	3.48
	58	42.0	1.66	51.1	2.05	58.0	2.35	64.8	2.67	71.6	2.99	76.2	3.21	83.0	3.55
	62	42.0	1.69	51.1	2.09	58.0	2.40	64.8	2.73	71.6	3.06	76.2	3.28	83.0	3.63
	66	42.0	1.73	51.1	2.13	58.0	2.45	64.8	2.79	71.6	3.13	76.2	3.42	83.0	3.89
	70	42.0	1.76	51.1	2.18	58.0	2.51	64.8	2.93	71.6	3.38	76.2	3.70	82.2	4.14
	72	42.0	1.78	51.1	2.20	58.0	2.60	64.8	3.04	71.6	3.51	76.2	3.85	81.5	4.24
	75	42.0	1.81	51.1	2.32	58.0	2.75	64.8	3.22	71.6	3.72	76.2	4.07	80.6	4.40
	79	42.0	1.94	51.1	2.50	58.0	2.96	64.8	3.46	71.6	4.01	76.2	4.39	79.3	4.61
	83	42.0	2.08	51.1	2.68	58.0	3.18	64.8	3.73	71.6	4.32	76.2	4.73	78.0	4.82
	87	42.0	2.23	51.1	2.87	58.0	3.41	64.8	4.00	71.6	4.64	75.4	5.00	76.7	5.03
	91	42.0	2.38	51.1	3.08	58.0	3.66	64.8	4.30	71.6	4.99	74.1	5.21	75.4	5.24
	93	42.0	2.46	51.1	3.19	58.0	3.79	64.8	4.45	71.6	5.17	73.4	5.32	74.7	5.35
	95	42.0	2.54	51.1	3.30	58.0	3.93	64.8	4.61	71.6	5.36	72.8	5.42	74.1	5.46
	99	42.0	2.72	51.1	3.53	58.0	4.21	64.8	4.95	70.6	5.61	71.5	5.63	72.8	5.67
	103	42.0	2.90	51.1	3.77	58.0	4.51	64.8	5.31	69.3	5.82	70.2	5.85	71.5	5.89
80	50	37.4	1.42	45.5	1.73	51.5	1.98	57.6	2.24	63.7	2.51	67.7	2.69	73.8	2.97
	54	37.4	1.45	45.5	1.77	51.5	2.02	57.6	2.29	63.7	2.56	67.7	2.75	73.8	3.03
	58	37.4	1.47	45.5	1.80	51.5	2.06	57.6	2.33	63.7	2.61	67.7	2.81	73.8	3.10
	62	37.4	1.50	45.5	1.84	51.5	2.11	57.6	2.38	63.7	2.67	67.7	2.87	73.8	3.17
	66	37.4	1.53	45.5	1.88	51.5	2.15	57.6	2.43	63.7	2.73	67.7	2.93	73.8	3.26
	70	37.4	1.56	45.5	1.91	51.5	2.20	57.6	2.49	63.7	2.85	67.7	3.11	73.8	3.53
	72	37.4	1.58	45.5	1.94	51.5	2.22	57.6	2.58	63.7	2.96	67.7	3.24	73.8	3.67
	75	37.4	1.60	45.5	2.00	51.5	2.35	57.6	2.73	63.7	3.14	67.7	3.43	73.8	3.88
	79	37.4	1.69	45.5	2.14	51.5	2.52	57.6	2.93	63.7	3.38	67.7	3.69	73.8	4.19
	83	37.4	1.80	45.5	2.30	51.5	2.71	57.6	3.15	63.7	3.63	67.7	3.97	73.8	4.51
	87	37.4	1.93	45.5	2.46	51.5	2.90	57.6	3.38	63.7	3.90	67.7	4.27	73.8	4.85
	91	37.4	2.06	45.5	2.63	51.5	3.11	57.6	3.63	63.7	4.19	67.7	4.59	73.6	5.20
	93	37.4	2.13	45.5	2.72	51.5	3.22	57.6	3.76	63.7	4.34	67.7	4.75	73.0	5.30
	95	37.4	2.20	45.5	2.81	51.5	3.33	57.6	3.89	63.7	4.50	67.7	4.92	72.3	5.41
	99	37.4	2.34	45.5	3.01	51.5	3.56	57.6	4.17	63.7	4.82	67.7	5.28	71.0	5.62
	103	37.4	2.50	45.5	3.21	51.5	3.81	57.6	4.46	63.7	5.17	67.7	5.67	69.7	5.83
70	50	32.7	1.25	39.8	1.51	45.1	1.72	50.4	1.94	55.7	2.16	59.2	2.31	64.6	2.55
	54	32.7	1.27	39.8	1.54	45.1	1.75	50.4	1.97	55.7	2.20	59.2	2.36	64.6	2.60
	58	32.7	1.30	39.8	1.57	45.1	1.79	50.4	2.01	55.7	2.25	59.2	2.41	64.6	2.66
	62	32.7	1.32	39.8	1.60	45.1	1.82	50.4	2.05	55.7	2.30	59.2	2.46	64.6	2.71
	66	32.7	1.34	39.8	1.63	45.1	1.86	50.4	2.10	55.7	2.34	59.2	2.51	64.6	2.77
	70	32.7	1.37	39.8	1.66	45.1	1.90	50.4	2.14	55.7	2.40	59.2	2.58	64.6	2.91
	72	32.7	1.38	39.8	1.68	45.1	1.92	50.4	2.17	55.7	2.46	59.2	2.68	64.6	3.02
	75	32.7	1.40	39.8	1.71	45.1	1.97	50.4	2.28	55.7	2.60	59.2	2.83	64.6	3.20
	79	32.7	1.45	39.8	1.82	45.1	2.12	50.4	2.45	55.7	2.80	59.2	3.05	64.6	3.44
	83	32.7	1.55	39.8	1.94	45.1	2.27	50.4	2.63	55.7	3.01	59.2	3.28	64.6	3.71
	87	32.7	1.65	39.8	2.08	45.1	2.43	50.4	2.82	55.7	3.23	59.2	3.52	64.6	3.98
	91	32.7	1.76	39.8	2.22	45.1	2.60	50.4	3.02	55.7	3.46	59.2	3.78	64.6	4.28
	93	32.7	1.82	39.8	2.30	45.1	2.69	50.4	3.12	55.7	3.58	59.2	3.91	64.6	4.43
	95	32.7	1.88	39.8	2.37	45.1	2.78	50.4	3.23	55.7	3.71	59.2	4.05	64.6	4.59
	99	32.7	2.00	39.8	2.53	45.1	2.97	50.4	3.46	55.7	3.97	59.2	4.34	64.6	4.92
	103	32.7	2.13	39.8	2.70	45.1	3.18	50.4	3.70	55.7	4.25	59.2	4.65	64.6	5.28
60	50	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	2.14
	54	28.0	1.11	34.1	1.33	38.6	1.50	43.2	1.68	47.8	1.86	50.8	1.99	55.3	2.19
	58	28.0	1.13	34.1	1.35	38.6	1.52	43.2	1.71	47.8	1.90	50.8	2.03	55.3	2.23
	62	28.0	1.15	34.1	1.37	38.6	1.55	43.2	1.74	47.8	1.94	50.8	2.07	55.3	2.28
	66	28.0	1.17	34.1	1.40	38.6	1.58	43.2	1.78	47.8	1.98	50.8	2.12	55.3	2.33
	70	28.0	1.19	34.1	1.42	38.6	1.61	43.2	1.81	47.8	2.02	50.8	2.16	55.3	2.38
	72	28.0	1.20	34.1	1.44	38.6	1.63	43.2	1.83	47.8	2.04	50.8	2.18	55.3	2.44
	75	28.0	1.21	34.1	1.46	38.6	1.66	43.2	1.87	47.8	2.12	50.8	2.30	55.3	2.58
	79	28.0	1.24	34.1	1.52	38.6	1.75	43.2	2.01	47.8	2.28	50.8	2.47	55.3	2.78
	83	28.0	1.31	34.1	1.62	38.6	1.88	43.2	2.15	47.8	2.45	50.8	2.65	55.3	2.98
	87	28.0	1.40	34.1	1.73	38.6	2.01	43.2	2.30	47.8	2.62	50.8	2.85	55.3	3.20
	91	28.0	1.49	34.1	1.85	38.6	2.14	43.2	2.46	47.8	2.81	50.8	3.05	55.3	3.43
	93	28.0	1.53	34.1	1.91	38.6	2.21	43.2	2.55	47.8	2.90	50.8	3.15	55.3	3.55
	95	28.0	1.58	34.1	1.97	38.6	2.29	43.2	2.63	47.8	3.00	50.8	3.26	55.3	3.68
	99	28.0	1.68	34.1	2.10	38.6	2.44	43.2	2.81	47.8	3.21	50.8	3.49	55.3	3.94
	103	28.0	1.79	34.1	2.23	38.6	2.60	43.2	3.00	47.8	3.43	50.8	3.73	55.3	4.21
50	50	23.4	.94	28.4	1.11	32.2	1.24	36.0	1.37	39.8	1.51	42.3	1.61	46.1	1.76
	54	23.4	.96	28.4	1.12	32.2	1.26	36.0	1.40	39.8	1.54	42.3	1.64	46.1	1.79
	58	23.4	.97	28.4	1.14	32.2	1.28	36.0	1.42	39.8	1.57	42.3	1.67	46.1	1.83
	62	23.4	.98	28.4	1.16	32.2	1.30	36.0	1.45	39.8	1.60	42.3	1.70	46.1	1.87
	66	23.4	1.00	28.4	1.18	32.2	1.32	36.0	1.47	39.8	1.63	42.3	1.74	46.1	1.90
	70	23.4	1.01	28.4	1.20	32.2	1.35	36.0	1.50	39.8	1.66	42.3	1.77	46.1	1.94
	72	23.4	1.02	28.4	1.21	32.2	1.36	36.0	1.52	39.8	1.68	42.3	1.79	46.1	1.96
	75	23.4	1.04	28.4	1.23	32.2	1.38	36.0	1.54	39.8	1.71	42.3	1.83	46.1	2.03
	79	23.4	1.05	28.4	1.25	32.2	1.42	36.0	1.61	39.8	1.82	42.3	1.96	46.1	2.18
	83	23.4	1.10	28.4	1.33	32.2	1.52	36.0	1.73	39.8	1.94	42.3	2.10	46.1	2.34
	87	23.4	1.17	28.4	1.42	32.2	1.62	36.0	1.84	39.8	2.08	42.3	2.24	46.1	2.50
	91	23.4	1.24	28.4	1.51	32.2	1.73	36.0	1.97	39.8	2.22	42.3	2.40	46.1	2.68
	93	23.4	1.28	28.4	1.56	32.2	1.79	36.0	2.03	39.8	2.30	42.3	2.48	46.1	2.77
	95	23.4	1.31	28.4	1.60	32.2	1.84	36.0	2.10	39.8	2.37	42.3	2.56	46.1	2.87
	99	23.4	1.39	28.4	1.71	32.2	1.96	36.0	2.24	39.8	2.53	42.3	2.74	46.1	3.06
	103	23.4	1.48	28.4	1.81	32.2	2.09	36.0	2.38	39.8	2.70	42.3	2.92	46.1	3.27

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	50	81.0	3.79	98.5	4.74	112	5.48	121	5.68	123	5.77	125	5.77	127	5.77
	54	81.0	3.87	98.5	4.84	112	5.59	119	5.80	122	5.89	123	5.89	126	5.89
	58	81.0	3.95	98.5	4.94	112	5.71	117	5.92	120	5.94	122	5.94	124	5.94
	62	81.0	4.03	98.5	5.05	112	5.84	116	5.94	118	5.95	120	5.91	122	5.78
	66	81.0	4.12	98.5	5.21	112	6.26	114	6.31	116	6.36	118	6.39	121	6.44
	70	81.0	4.25	98.5	5.63	110	6.59	112	6.65	115	6.70	116	6.74	119	6.79
	72	81.0	4.42	98.5	5.85	109	6.76	111	6.81	114	6.87	115	6.91	118	6.96
	75	81.0	4.67	98.5	6.20	108	7.01	110	7.07	113	7.13	114	7.16	117	7.22
	79	81.0	5.03	98.5	6.68	106	7.34	108	7.41	111	7.47	112	7.51	115	7.57
	83	81.0	5.41	98.5	7.20	104	7.68	107	7.75	109	7.81	111	7.86	113	7.92
	87	81.0	5.81	98.5	7.74	102	8.02	105	8.09	107	8.16	109	8.20	111	8.28
	91	81.0	6.23	98.2	8.28	101	8.35	103	8.43	106	8.51	107	8.56	110	8.63
	93	81.0	6.46	97.3	8.45	99.8	8.52	102	8.60	105	8.68	106	8.73	109	8.81
	95	81.0	6.68	96.5	8.62	98.9	8.70	101	8.78	104	8.86	105	8.91	108	8.99
	99	81.0	7.17	94.7	8.95	97.2	9.04	99.7	9.12	102	9.21	104	9.26	106	9.35
	103	81.0	7.68	93.0	9.29	95.5	9.38	97.9	9.47	100	9.56	102	9.62	104	9.71
120	50	74.8	3.46	90.9	4.32	103	4.99	115	5.68	121	5.77	123	5.77	125	5.77
	54	74.8	3.53	90.9	4.41	103	5.10	115	5.80	120	5.89	121	5.89	123	5.89
	58	74.8	3.61	90.9	4.51	103	5.21	115	5.92	118	5.94	119	5.94	122	5.94
	62	74.8	3.68	90.9	4.60	103	5.32	114	5.94	116	5.95	118	5.91	120	5.78
	66	74.8	3.76	90.9	4.70	103	5.56	112	6.27	114	6.32	116	6.35	118	6.40
	70	74.8	3.84	90.9	5.01	103	6.02	110	6.61	113	6.66	114	6.69	116	6.74
	72	74.8	3.96	90.9	5.21	103	6.26	110	6.77	112	6.82	113	6.86	116	6.91
	75	74.8	4.18	90.9	5.51	103	6.63	108	7.02	111	7.08	112	7.11	114	7.17
	79	74.8	4.50	90.9	5.94	103	7.15	107	7.36	109	7.42	110	7.46	113	7.51
	83	74.8	4.83	90.9	6.39	103	7.63	105	7.70	107	7.76	109	7.80	111	7.86
	87	74.8	5.19	90.9	6.87	101	7.97	103	8.03	105	8.10	107	8.14	109	8.21
	91	74.8	5.56	90.9	7.38	99.1	8.31	101	8.38	104	8.44	105	8.49	107	8.56
	93	74.8	5.76	90.9	7.65	98.2	8.47	100	8.55	103	8.62	104	8.67	107	8.74
	95	74.8	5.96	90.9	7.93	97.3	8.64	99.6	8.72	102	8.79	103	8.84	106	8.91
	99	74.8	6.39	90.9	8.51	95.6	8.98	97.9	9.06	100	9.14	102	9.19	104	9.27
	103	74.8	6.84	90.9	9.12	93.9	9.32	96.1	9.41	98.4	9.49	99.9	9.54	102	9.63
110	50	68.5	3.15	83.4	3.91	94.5	4.52	106	5.14	117	5.77	121	5.55	123	5.55
	54	68.5	3.21	83.4	3.99	94.5	4.61	106	5.24	117	5.89	119	5.66	121	5.66
	58	68.5	3.27	83.4	4.08	94.5	4.71	106	5.36	116	5.94	117	5.78	119	5.78
	62	68.5	3.34	83.4	4.17	94.5	4.81	106	5.47	114	5.95	116	5.91	118	5.78
	66	68.5	3.41	83.4	4.26	94.5	4.92	106	5.77	112	6.28	114	6.31	116	6.35
	70	68.5	3.49	83.4	4.43	94.5	5.30	106	6.25	111	6.61	112	6.64	114	6.69
	72	68.5	3.53	83.4	4.60	94.5	5.51	106	6.49	110	6.78	111	6.81	113	6.86
	75	68.5	3.72	83.4	4.87	94.5	5.83	106	6.88	109	7.03	110	7.06	112	7.11
	79	68.5	4.00	83.4	5.24	94.5	6.28	105	7.31	107	7.37	108	7.40	110	7.45
	83	68.5	4.29	83.4	5.63	94.5	6.76	103	7.65	105	7.70	106	7.74	109	7.80
	87	68.5	4.60	83.4	6.05	94.5	7.27	101	7.98	103	8.04	105	8.08	107	8.14
	91	68.5	4.93	83.4	6.50	94.5	7.82	99.5	8.32	102	8.38	103	8.43	105	8.49
	93	68.5	5.11	83.4	6.73	94.5	8.10	98.7	8.49	101	8.55	102	8.60	104	8.66
	95	68.5	5.28	83.4	6.97	94.5	8.39	97.8	8.66	99.9	8.73	101	8.77	103	8.84
	99	68.5	5.65	83.4	7.47	94.0	8.93	96.1	9.00	98.1	9.07	99.5	9.12	102	9.19
	103	68.5	6.05	83.4	8.01	92.2	9.26	94.3	9.34	96.4	9.42	97.8	9.47	99.9	9.54
100	50	62.3	2.84	75.8	3.52	85.9	4.05	96.0	4.60	106	5.16	113	5.55	121	5.55
	54	62.3	2.90	75.8	3.59	85.9	4.13	96.0	4.70	106	5.27	113	5.66	119	5.66
	58	62.3	2.95	75.8	3.66	85.9	4.22	96.0	4.80	106	5.39	113	5.78	117	5.78
	62	62.3	3.01	75.8	3.74	85.9	4.31	96.0	4.90	106	5.50	113	5.91	115	5.78
	66	62.3	3.08	75.8	3.82	85.9	4.41	96.0	5.01	106	5.81	112	6.26	114	6.30
	70	62.3	3.14	75.8	3.90	85.9	4.62	96.0	5.42	106	6.29	110	6.60	112	6.64
	72	62.3	3.17	75.8	4.03	85.9	4.80	96.0	5.64	106	6.54	109	6.76	111	6.81
	75	62.3	3.29	75.8	4.26	85.9	5.08	96.0	5.97	106	6.93	108	7.01	110	7.06
	79	62.3	3.53	75.8	4.59	85.9	5.47	96.0	6.43	105	7.32	106	7.35	108	7.40
	83	62.3	3.79	75.8	4.93	85.9	5.88	96.0	6.93	103	7.65	104	7.68	106	7.74
	87	62.3	4.06	75.8	5.29	85.9	6.32	96.0	7.45	101	7.99	103	8.02	105	8.08
	91	62.3	4.34	75.8	5.67	85.9	6.79	96.0	8.01	99.6	8.32	101	8.36	103	8.42
	93	62.3	4.49	75.8	5.87	85.9	7.03	96.0	8.30	98.8	8.49	100	8.53	102	8.59
	95	62.3	4.65	75.8	6.08	85.9	7.28	96.0	8.60	97.9	8.66	99.2	8.70	101	8.76
	99	62.3	4.97	75.8	6.51	85.9	7.81	94.3	8.94	96.2	9.00	97.4	9.05	99.3	9.11
	103	62.3	5.31	75.8	6.97	85.9	8.38	92.5	9.27	94.4	9.34	95.7	9.39	97.6	9.46

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.

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	50	56.1	2.55	68.2	3.13	77.3	3.59	86.4	4.08	95.5	4.57	102	4.91	111	5.42
	54	56.1	2.60	68.2	3.19	77.3	3.67	86.4	4.16	95.5	4.67	102	5.01	111	5.54
	58	56.1	2.64	68.2	3.26	77.3	3.74	86.4	4.25	95.5	4.77	102	5.12	111	5.66
	62	56.1	2.70	68.2	3.32	77.3	3.82	86.4	4.34	95.5	4.87	102	5.23	111	5.78
	66	56.1	2.75	68.2	3.40	77.3	3.91	86.4	4.44	95.5	4.98	102	5.45	111	6.19
	70	56.1	2.81	68.2	3.47	77.3	3.99	86.4	4.66	95.5	5.38	102	5.89	110	6.59
	72	56.1	2.84	68.2	3.51	77.3	4.14	86.4	4.84	95.5	5.59	102	6.13	109	6.75
	75	56.1	2.88	68.2	3.70	77.3	4.38	86.4	5.12	95.5	5.92	102	6.49	107	7.00
	79	56.1	3.09	68.2	3.98	77.3	4.71	86.4	5.52	95.5	6.38	102	7.00	106	7.34
	83	56.1	3.31	68.2	4.27	77.3	5.07	86.4	5.93	95.5	6.87	102	7.54	104	7.67
	87	56.1	3.55	68.2	4.58	77.3	5.44	86.4	6.38	95.5	7.39	101	7.96	102	8.01
	91	56.1	3.79	68.2	4.90	77.3	5.83	86.4	6.85	95.5	7.94	98.8	8.30	100	8.35
	93	56.1	3.92	68.2	5.07	77.3	6.04	86.4	7.09	95.5	8.23	97.9	8.47	99.6	8.52
	95	56.1	4.05	68.2	5.25	77.3	6.25	86.4	7.35	95.5	8.53	97.0	8.63	98.7	8.69
	99	56.1	4.32	68.2	5.62	77.3	6.70	86.4	7.88	94.2	8.93	95.3	8.97	97.0	9.03
	103	56.1	4.62	68.2	6.01	77.3	7.18	86.4	8.45	92.4	9.27	93.6	9.31	95.3	9.38
80	50	49.8	2.27	60.6	2.76	68.7	3.16	76.8	3.57	84.9	4.00	90.3	4.29	98.4	4.73
	54	49.8	2.31	60.6	2.81	68.7	3.22	76.8	3.64	84.9	4.08	90.3	4.38	98.4	4.83
	58	49.8	2.35	60.6	2.87	68.7	3.28	76.8	3.72	84.9	4.16	90.3	4.47	98.4	4.93
	62	49.8	2.39	60.6	2.93	68.7	3.35	76.8	3.80	84.9	4.25	90.3	4.57	98.4	5.04
	66	49.8	2.44	60.6	2.99	68.7	3.42	76.8	3.88	84.9	4.35	90.3	4.67	98.4	5.20
	70	49.8	2.49	60.6	3.05	68.7	3.50	76.8	3.96	84.9	4.54	90.3	4.96	98.4	5.62
	72	49.8	2.51	60.6	3.08	68.7	3.54	76.8	4.11	84.9	4.72	90.3	5.15	98.4	5.84
	75	49.8	2.55	60.6	3.18	68.7	3.74	76.8	4.34	84.9	4.99	90.3	5.46	98.4	6.19
	79	49.8	2.68	60.6	3.41	68.7	4.02	76.8	4.67	84.9	5.38	90.3	5.88	98.4	6.67
	83	49.8	2.87	60.6	3.66	68.7	4.31	76.8	5.02	84.9	5.78	90.3	6.33	98.4	7.18
	87	49.8	3.07	60.6	3.92	68.7	4.62	76.8	5.39	84.9	6.22	90.3	6.80	98.4	7.73
	91	49.8	3.28	60.6	4.19	68.7	4.95	76.8	5.78	84.9	6.67	90.3	7.30	98.2	8.28
	93	49.8	3.39	60.6	4.33	68.7	5.12	76.8	5.98	84.9	6.91	90.3	7.57	97.3	8.45
	95	49.8	3.50	60.6	4.48	68.7	5.30	76.8	6.19	84.9	7.16	90.3	7.84	96.4	8.61
	99	49.8	3.73	60.6	4.79	68.7	5.67	76.8	6.64	84.9	7.68	90.3	8.41	94.7	8.95
	103	49.8	3.98	60.6	5.12	68.7	6.07	76.8	7.11	84.9	8.23	90.3	9.03	93.0	9.29
70	50	43.6	2.00	53.0	2.41	60.1	2.74	67.2	3.08	74.3	3.44	79.0	3.68	86.1	4.06
	54	43.6	2.03	53.0	2.45	60.1	2.79	67.2	3.14	74.3	3.51	79.0	3.76	86.1	4.14
	58	43.6	2.06	53.0	2.50	60.1	2.84	67.2	3.21	74.3	3.58	79.0	3.84	86.1	4.23
	62	43.6	2.10	53.0	2.55	60.1	2.90	67.2	3.27	74.3	3.66	79.0	3.92	86.1	4.32
	66	43.6	2.14	53.0	2.60	60.1	2.96	67.2	3.34	74.3	3.73	79.0	4.00	86.1	4.42
	70	43.6	2.18	53.0	2.65	60.1	3.02	67.2	3.41	74.3	3.82	79.0	4.11	86.1	4.63
	72	43.6	2.20	53.0	2.68	60.1	3.05	67.2	3.45	74.3	3.92	79.0	4.27	86.1	4.81
	75	43.6	2.23	53.0	2.72	60.1	3.15	67.2	3.63	74.3	4.15	79.0	4.51	86.1	5.09
	79	43.6	2.31	53.0	2.89	60.1	3.38	67.2	3.90	74.3	4.46	79.0	4.86	86.1	5.49
	83	43.6	2.46	53.0	3.10	60.1	3.62	67.2	4.18	74.3	4.79	79.0	5.22	86.1	5.90
	87	43.6	2.63	53.0	3.31	60.1	3.87	67.2	4.49	74.3	5.14	79.0	5.61	86.1	6.34
	91	43.6	2.80	53.0	3.54	60.1	4.15	67.2	4.80	74.3	5.51	79.0	6.02	86.1	6.81
	93	43.6	2.89	53.0	3.66	60.1	4.29	67.2	4.97	74.3	5.71	79.0	6.23	86.1	7.05
	95	43.6	2.99	53.0	3.78	60.1	4.43	67.2	5.14	74.3	5.91	79.0	6.45	86.1	7.31
	99	43.6	3.18	53.0	4.03	60.1	4.74	67.2	5.50	74.3	6.33	79.0	6.91	86.1	7.84
	103	43.6	3.38	53.0	4.30	60.1	5.06	67.2	5.89	74.3	6.78	79.0	7.40	86.1	8.40
60	50	37.4	1.74	45.5	2.08	51.5	2.34	57.6	2.62	63.7	2.91	67.7	3.11	73.8	3.41
	54	37.4	1.77	45.5	2.11	51.5	2.38	57.6	2.67	63.7	2.97	67.7	3.17	73.8	3.48
	58	37.4	1.80	45.5	2.15	51.5	2.43	57.6	2.72	63.7	3.02	67.7	3.23	73.8	3.55
	62	37.4	1.83	45.5	2.19	51.5	2.47	57.6	2.77	63.7	3.08	67.7	3.30	73.8	3.63
	66	37.4	1.86	45.5	2.23	51.5	2.52	57.6	2.83	63.7	3.15	67.7	3.37	73.8	3.71
	70	37.4	1.89	45.5	2.27	51.5	2.57	57.6	2.89	63.7	3.22	67.7	3.44	73.8	3.79
	72	37.4	1.91	45.5	2.29	51.5	2.60	57.6	2.92	63.7	3.25	67.7	3.48	73.8	3.89
	75	37.4	1.93	45.5	2.32	51.5	2.64	57.6	2.98	63.7	3.38	67.7	3.66	73.8	4.11
	79	37.4	1.97	45.5	2.42	51.5	2.79	57.6	3.20	63.7	3.63	67.7	3.94	73.8	4.42
	83	37.4	2.09	45.5	2.58	51.5	2.99	57.6	3.43	63.7	3.90	67.7	4.23	73.8	4.75
	87	37.4	2.23	45.5	2.76	51.5	3.20	57.6	3.67	63.7	4.17	67.7	4.53	73.8	5.09
	91	37.4	2.37	45.5	2.94	51.5	3.41	57.6	3.92	63.7	4.47	67.7	4.85	73.8	5.46
	93	37.4	2.44	45.5	3.04	51.5	3.53	57.6	4.06	63.7	4.62	67.7	5.02	73.8	5.65
	95	37.4	2.52	45.5	3.13	51.5	3.64	57.6	4.19	63.7	4.78	67.7	5.20	73.8	5.85
	99	37.4	2.68	45.5	3.34	51.5	3.89	57.6	4.48	63.7	5.11	67.7	5.56	73.8	6.27
	103	37.4	2.84	45.5	3.56	51.5	4.15	57.6	4.78	63.7	5.47	67.7	5.95	73.8	6.71
50	50	31.1	1.50	37.9	1.76	42.9	1.97	48.0	2.18	53.1	2.41	56.4	2.56	61.5	2.80
	54	31.1	1.52	37.9	1.79	42.9	2.00	48.0	2.22	53.1	2.45	56.4	2.61	61.5	2.86
	58	31.1	1.54	37.9	1.82	42.9	2.04	48.0	2.26	53.1	2.50	56.4	2.66	61.5	2.91
	62	31.1	1.57	37.9	1.85	42.9	2.07	48.0	2.30	53.1	2.55	56.4	2.71	61.5	2.97
	66	31.1	1.59	37.9	1.88	42.9	2.11	48.0	2.35	53.1	2.60	56.4	2.77	61.5	3.03
	70	31.1	1.62	37.9	1.91	42.9	2.15	48.0	2.39	53.1	2.65	56.4	2.83	61.5	3.10
	72	31.1	1.63	37.9	1.93	42.9	2.17	48.0	2.42	53.1	2.68	56.4	2.85	61.5	3.13
	75	31.1	1.65	37.9	1.96	42.9	2.20	48.0	2.45	53.1	2.72	56.4	2.91	61.5	3.24
	79	31.1	1.68	37.9	1.99	42.9	2.27	48.0	2.57	53.1	2.89	56.4	3.12	61.5	3.47
	83	31.1	1.75	37.9	2.12	42.9	2.42	48.0	2.75	53.1	3.10	56.4	3.34	61.5	3.72
	87	31.1	1.86	37.9	2.26	42.9	2.59	48.0	2.94	53.1	3.31	56.4	3.57	61.5	3.99
	91	31.1	1.97	37.9	2.40	42.9	2.76	48.0	3.13	53.1	3.54	56.4	3.82	61.5	4.27
	93	31.1	2.03	37.9	2.48	42.9	2.84	48.0	3.24	53.1	3.66	56.4	3.95	61.5	4.41
	95	31.1	2.09	37.9	2.56	42.9	2.94	48.0	3.34	53.1	3.78	56.4	4.08	61.5	4.57
	99	31.1	2.22	37.9	2.72	42.9	3.12	48.0	3.56	53.1	4.03	56.4	4.36	61.5	4.88
	103	31.1	2.35	37.9	2.89	42.9	3.33	48.0	3.80	53.1	4.30	56.4	4.66	61.5	5.21

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	50	101	4.80	123	6.01	140	6.94	151	7.20	154	7.31	156	7.31	159	7.31
	54	101	4.90	123	6.13	140	7.09	149	7.35	152	7.46	154	7.46	157	7.46
	58	101	5.00	123	6.26	140	7.24	147	7.51	150	7.53	152	7.53	155	7.53
	62	101	5.11	123	6.40	140	7.40	145	7.53	148	7.54	150	7.49	153	7.32
	66	101	5.22	123	6.60	139	7.93	142	8.00	146	8.06	148	8.10	151	8.17
	70	101	5.39	123	7.14	137	8.35	140	8.42	143	8.49	145	8.54	148	8.60
	72	101	5.60	123	7.42	136	8.57	139	8.64	142	8.71	144	8.75	147	8.82
	75	101	5.92	123	7.86	135	8.88	138	8.96	141	9.03	143	9.08	146	9.15
	79	101	6.38	123	8.47	132	9.31	135	9.39	138	9.46	141	9.52	144	9.60
	83	101	6.85	123	9.12	130	9.73	133	9.82	136	9.90	138	9.96	141	10.0
	87	101	7.36	123	9.82	128	10.2	131	10.2	134	10.3	136	10.4	139	10.5
	91	101	7.90	123	10.5	126	10.6	129	10.7	132	10.8	134	10.8	137	10.9
	93	101	8.18	122	10.7	125	10.8	128	10.9	131	11.0	133	11.1	136	11.2
	95	101	8.47	121	10.9	124	11.0	127	11.1	130	11.2	132	11.3	135	11.4
	99	101	9.08	118	11.3	121	11.5	125	11.6	128	11.7	130	11.7	133	11.8
	103	101	9.73	116	11.8	119	11.9	122	12.0	125	12.1	128	12.2	131	12.3
120	50	93.4	4.39	114	5.48	129	6.33	144	7.20	152	7.31	154	7.31	156	7.31
	54	93.4	4.48	114	5.59	129	6.46	144	7.35	150	7.46	151	7.46	154	7.46
	58	93.4	4.57	114	5.71	129	6.60	144	7.51	147	7.53	149	7.53	152	7.53
	62	93.4	4.67	114	5.83	129	6.74	142	7.53	145	7.54	147	7.49	150	7.32
	66	93.4	4.77	114	5.96	129	7.05	140	7.95	143	8.01	145	8.05	148	8.11
	70	93.4	4.87	114	6.35	129	7.63	138	8.37	141	8.44	143	8.48	146	8.54
	72	93.4	5.02	114	6.60	129	7.94	137	8.58	140	8.65	142	8.69	145	8.76
	75	93.4	5.30	114	6.99	129	8.41	135	8.90	138	8.97	140	9.02	143	9.08
	79	93.4	5.70	114	7.53	129	9.07	133	9.33	136	9.40	138	9.45	141	9.52
	83	93.4	6.13	114	8.10	128	9.68	131	9.75	134	9.83	136	9.88	139	9.96
	87	93.4	6.58	114	8.71	126	10.1	129	10.2	132	10.3	134	10.3	136	10.4
	91	93.4	7.05	114	9.36	124	10.5	127	10.6	129	10.7	131	10.8	134	10.8
	93	93.4	7.30	114	9.70	123	10.7	126	10.8	128	10.9	130	11.0	133	11.1
	95	93.4	7.56	114	10.0	122	11.0	124	11.0	127	11.1	129	11.2	132	11.3
	99	93.4	8.09	114	10.8	119	11.4	122	11.5	125	11.6	127	11.6	130	11.7
	103	93.4	8.67	114	11.6	117	11.8	120	11.9	123	12.0	125	12.1	128	12.2
110	50	85.7	3.99	104	4.96	118	5.72	132	6.51	146	7.31	151	7.03	154	7.03
	54	85.7	4.07	104	5.06	118	5.84	132	6.65	146	7.46	149	7.18	151	7.18
	58	85.7	4.15	104	5.17	118	5.97	132	6.79	145	7.53	147	7.33	149	7.33
	62	85.7	4.24	104	5.28	118	6.10	132	6.94	143	7.54	144	7.49	147	7.32
	66	85.7	4.33	104	5.40	118	6.23	132	7.31	141	7.96	142	8.00	145	8.05
	70	85.7	4.42	104	5.61	118	6.71	132	7.92	138	8.38	140	8.42	143	8.48
	72	85.7	4.47	104	5.83	118	6.98	132	8.23	137	8.59	139	8.63	142	8.69
	75	85.7	4.72	104	6.17	118	7.39	132	8.72	136	8.91	137	8.95	140	9.02
	79	85.7	5.07	104	6.64	118	7.96	131	9.27	134	9.34	135	9.38	138	9.45
	83	85.7	5.44	104	7.14	118	8.57	129	9.69	131	9.76	133	9.81	136	9.88
	87	85.7	5.84	104	7.67	118	9.22	127	10.1	129	10.2	131	10.2	134	10.3
	91	85.7	6.25	104	8.24	118	9.91	124	10.5	127	10.6	129	10.7	131	10.8
	93	85.7	6.47	104	8.53	118	10.3	123	10.8	126	10.8	128	10.9	130	11.0
	95	85.7	6.70	104	8.83	118	10.6	122	11.0	125	11.1	127	11.1	129	11.2
	99	85.7	7.16	104	9.47	117	11.3	120	11.4	123	11.5	124	11.6	127	11.6
	103	85.7	7.66	104	10.2	115	11.7	118	11.8	121	11.9	122	12.0	125	12.1
100	50	77.9	3.60	94.7	4.46	107	5.13	120	5.83	133	6.55	141	7.03	151	7.03
	54	77.9	3.67	94.7	4.55	107	5.24	120	5.95	133	6.68	141	7.18	149	7.18
	58	77.9	3.74	94.7	4.64	107	5.35	120	6.08	133	6.83	141	7.33	146	7.33
	62	77.9	3.82	94.7	4.74	107	5.46	120	6.21	133	6.98	141	7.49	144	7.32
	66	77.9	3.90	94.7	4.84	107	5.58	120	6.35	133	7.37	140	7.94	142	7.99
	70	77.9	3.98	94.7	4.95	107	5.86	120	6.87	133	7.97	137	8.36	140	8.41
	72	77.9	4.02	94.7	5.11	107	6.08	120	7.14	133	8.29	136	8.57	139	8.63
	75	77.9	4.17	94.7	5.40	107	6.44	120	7.56	133	8.78	135	8.89	137	8.95
	79	77.9	4.48	94.7	5.81	107	6.93	120	8.15	131	9.27	133	9.31	135	9.37
	83	77.9	4.80	94.7	6.24	107	7.46	120	8.78	129	9.70	130	9.74	133	9.80
	87	77.9	5.14	94.7	6.70	107	8.01	120	9.44	127	10.1	128	10.2	131	10.2
	91	77.9	5.50	94.7	7.19	107	8.60	120	10.1	125	10.5	126	10.6	128	10.7
	93	77.9	5.69	94.7	7.44	107	8.91	120	10.5	123	10.8	125	10.8	127	10.9
	95	77.9	5.89	94.7	7.70	107	9.23	120	10.9	122	11.0	124	11.0	126	11.1
	99	77.9	6.29	94.7	8.25	107	9.90	118	11.3	120	11.4	122	11.5	124	11.5
	103	77.9	6.73	94.7	8.84	107	10.6	116	11.8	118	11.8	120	11.9	122	12.0

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.

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
90	50	70.1	3.23	85.2	3.97	96.6	4.56	108	5.17	119	5.80	127	6.22	138	6.87
	54	70.1	3.29	85.2	4.05	96.6	4.65	108	5.27	119	5.92	127	6.35	138	7.02
	58	70.1	3.35	85.2	4.13	96.6	4.75	108	5.38	119	6.04	127	6.49	138	7.17
	62	70.1	3.42	85.2	4.21	96.6	4.85	108	5.50	119	6.17	127	6.63	138	7.32
	66	70.1	3.49	85.2	4.30	96.6	4.95	108	5.62	119	6.31	127	6.90	138	7.85
	70	70.1	3.56	85.2	4.40	96.6	5.06	108	5.91	119	6.82	127	7.47	137	8.35
	72	70.1	3.59	85.2	4.44	96.6	5.25	108	6.14	119	7.09	127	7.76	136	8.56
	75	70.1	3.66	85.2	4.69	96.6	5.55	108	6.49	119	7.51	127	8.22	134	8.88
	79	70.1	3.92	85.2	5.04	96.6	5.97	108	6.99	119	8.09	127	8.87	132	9.30
	83	70.1	4.20	85.2	5.41	96.6	6.42	108	7.52	119	8.71	127	9.55	130	9.73
	87	70.1	4.49	85.2	5.80	96.6	6.89	108	8.08	119	9.37	126	10.1	128	10.2
	91	70.1	4.80	85.2	6.21	96.6	7.39	108	8.68	119	10.1	123	10.5	126	10.6
	93	70.1	4.97	85.2	6.43	96.6	7.65	108	8.99	119	10.4	122	10.7	125	10.8
	95	70.1	5.13	85.2	6.65	96.6	7.92	108	9.31	119	10.8	121	10.9	123	11.0
	99	70.1	5.48	85.2	7.12	96.6	8.49	108	9.99	118	11.3	119	11.4	121	11.4
	103	70.1	5.85	85.2	7.61	96.6	9.09	108	10.7	116	11.8	117	11.8	119	11.9
80	50	62.3	2.87	75.8	3.50	85.9	4.00	96.0	4.52	106	5.06	113	5.43	123	6.00
	54	62.3	2.92	75.8	3.57	85.9	4.08	96.0	4.62	106	5.17	113	5.55	123	6.12
	58	62.3	2.98	75.8	3.64	85.9	4.16	96.0	4.71	106	5.28	113	5.66	123	6.25
	62	62.3	3.03	75.8	3.71	85.9	4.25	96.0	4.81	106	5.39	113	5.79	123	6.39
	66	62.3	3.09	75.8	3.79	85.9	4.34	96.0	4.91	106	5.51	113	5.91	123	6.58
	70	62.3	3.15	75.8	3.86	85.9	4.43	96.0	5.02	106	5.76	113	6.29	123	7.12
	72	62.3	3.18	75.8	3.91	85.9	4.48	96.0	5.21	106	5.98	113	6.53	123	7.40
	75	62.3	3.23	75.8	4.03	85.9	4.74	96.0	5.50	106	6.33	113	6.92	123	7.84
	79	62.3	3.40	75.8	4.32	85.9	5.09	96.0	5.92	106	6.82	113	7.45	123	8.45
	83	62.3	3.64	75.8	4.63	85.9	5.46	96.0	6.36	106	7.33	113	8.02	123	9.10
	87	62.3	3.89	75.8	4.96	85.9	5.86	96.0	6.83	106	7.88	113	8.62	123	9.79
	91	62.3	4.15	75.8	5.31	85.9	6.28	96.0	7.33	106	8.46	113	9.26	123	10.5
	93	62.3	4.29	75.8	5.49	85.9	6.50	96.0	7.58	106	8.76	113	9.59	122	10.7
	95	62.3	4.43	75.8	5.68	85.9	6.72	96.0	7.85	106	9.07	113	9.94	121	10.9
	99	62.3	4.73	75.8	6.07	85.9	7.19	96.0	8.41	106	9.73	113	10.7	118	11.3
	103	62.3	5.04	75.8	6.49	85.9	7.69	96.0	9.01	106	10.4	113	11.4	116	11.8
70	50	54.5	2.53	66.3	3.05	75.2	3.47	84.0	3.91	92.8	4.36	98.7	4.67	108	5.14
	54	54.5	2.57	66.3	3.11	75.2	3.54	84.0	3.98	92.8	4.45	98.7	4.76	108	5.25
	58	54.5	2.62	66.3	3.17	75.2	3.61	84.0	4.06	92.8	4.54	98.7	4.86	108	5.36
	62	54.5	2.66	66.3	3.23	75.2	3.68	84.0	4.15	92.8	4.63	98.7	4.97	108	5.48
	66	54.5	2.71	66.3	3.29	75.2	3.75	84.0	4.23	92.8	4.73	98.7	5.07	108	5.60
	70	54.5	2.76	66.3	3.36	75.2	3.83	84.0	4.33	92.8	4.84	98.7	5.21	108	5.87
	72	54.5	2.79	66.3	3.39	75.2	3.87	84.0	4.37	92.8	4.97	98.7	5.41	108	6.10
	75	54.5	2.83	66.3	3.44	75.2	3.99	84.0	4.60	92.8	5.26	98.7	5.72	108	6.46
	79	54.5	2.92	66.3	3.66	75.2	4.28	84.0	4.94	92.8	5.65	98.7	6.16	108	6.95
	83	54.5	3.12	66.3	3.92	75.2	4.59	84.0	5.30	92.8	6.07	98.7	6.62	108	7.48
	87	54.5	3.33	66.3	4.20	75.2	4.91	84.0	5.69	92.8	6.52	98.7	7.11	108	8.04
	91	54.5	3.55	66.3	4.48	75.2	5.25	84.0	6.09	92.8	6.99	98.7	7.62	108	8.63
	93	54.5	3.67	66.3	4.63	75.2	5.43	84.0	6.30	92.8	7.24	98.7	7.90	108	8.94
	95	54.5	3.79	66.3	4.79	75.2	5.62	84.0	6.52	92.8	7.49	98.7	8.17	108	9.26
	99	54.5	4.03	66.3	5.11	75.2	6.00	84.0	6.97	92.8	8.02	98.7	8.76	108	9.93
	103	54.5	4.29	66.3	5.45	75.2	6.41	84.0	7.46	92.8	8.59	98.7	9.39	108	10.6
60	50	46.7	2.21	56.8	2.63	64.4	2.97	72.0	3.32	79.6	3.69	84.6	3.94	92.2	4.33
	54	46.7	2.24	56.8	2.68	64.4	3.02	72.0	3.38	79.6	3.76	84.6	4.02	92.2	4.41
	58	46.7	2.28	56.8	2.72	64.4	3.08	72.0	3.45	79.6	3.83	84.6	4.10	92.2	4.50
	62	46.7	2.31	56.8	2.77	64.4	3.13	72.0	3.51	79.6	3.91	84.6	4.18	92.2	4.60
	66	46.7	2.35	56.8	2.82	64.4	3.20	72.0	3.59	79.6	3.99	84.6	4.27	92.2	4.70
	70	46.7	2.39	56.8	2.88	64.4	3.26	72.0	3.66	79.6	4.08	84.6	4.36	92.2	4.80
	72	46.7	2.42	56.8	2.90	64.4	3.29	72.0	3.70	79.6	4.12	84.6	4.41	92.2	4.93
	75	46.7	2.45	56.8	2.95	64.4	3.34	72.0	3.78	79.6	4.29	84.6	4.65	92.2	5.21
	79	46.7	2.49	56.8	3.06	64.4	3.54	72.0	4.05	79.6	4.60	84.6	4.99	92.2	5.60
	83	46.7	2.65	56.8	3.27	64.4	3.79	72.0	4.34	79.6	4.94	84.6	5.36	92.2	6.02
	87	46.7	2.82	56.8	3.49	64.4	4.05	72.0	4.65	79.6	5.29	84.6	5.74	92.2	6.46
	91	46.7	3.00	56.8	3.73	64.4	4.33	72.0	4.97	79.6	5.66	84.6	6.15	92.2	6.92
	93	46.7	3.10	56.8	3.85	64.4	4.47	72.0	5.14	79.6	5.86	84.6	6.37	92.2	7.17
	95	46.7	3.19	56.8	3.97	64.4	4.62	72.0	5.31	79.6	6.06	84.6	6.59	92.2	7.42
	99	46.7	3.39	56.8	4.23	64.4	4.93	72.0	5.68	79.6	6.48	84.6	7.05	92.2	7.94
	103	46.7	3.60	56.8	4.51	64.4	5.25	72.0	6.06	79.6	6.93	84.6	7.54	92.2	8.51
50	50	38.9	1.90	47.4	2.23	53.7	2.49	60.0	2.77	66.3	3.05	70.5	3.25	76.9	3.55
	54	38.9	1.93	47.4	2.27	53.7	2.54	60.0	2.82	66.3	3.11	70.5	3.31	76.9	3.62
	58	38.9	1.96	47.4	2.30	53.7	2.58	60.0	2.87	66.3	3.17	70.5	3.37	76.9	3.69
	62	38.9	1.99	47.4	2.34	53.7	2.62	60.0	2.92	66.3	3.23	70.5	3.44	76.9	3.77
	66	38.9	2.02	47.4	2.38	53.7	2.67	60.0	2.98	66.3	3.29	70.5	3.51	76.9	3.84
	70	38.9	2.05	47.4	2.42	53.7	2.72	60.0	3.03	66.3	3.36	70.5	3.58	76.9	3.92
	72	38.9	2.07	47.4	2.44	53.7	2.75	60.0	3.06	66.3	3.39	70.5	3.62	76.9	3.97
	75	38.9	2.09	47.4	2.48	53.7	2.79	60.0	3.11	66.3	3.44	70.5	3.68	76.9	4.10
	79	38.9	2.13	47.4	2.52	53.7	2.88	60.0	3.26	66.3	3.67	70.5	3.95	76.9	4.40
	83	38.9	2.21	47.4	2.69	53.7	3.07	60.0	3.48	66.3	3.92	70.5	4.23	76.9	4.72
	87	38.9	2.35	47.4	2.86	53.7	3.28	60.0	3.72	66.3	4.20	70.5	4.53	76.9	5.06
	91	38.9	2.50	47.4	3.05	53.7	3.49	60.0	3.97	66.3	4.48	70.5	4.84	76.9	5.41
	93	38.9	2.58	47.4	3.14	53.7	3.60	60.0	4.10	66.3	4.63	70.5	5.01	76.9	5.60
	95	38.9	2.65	47.4	3.24	53.7	3.72	60.0	4.24	66.3	4.79	70.5	5.18	76.9	5.79
	99	38.9	2.81	47.4	3.44	53.7	3.96	60.0	4.52	66.3	5.11	70.5	5.53	76.9	6.18
	103	38.9	2.98	47.4	3.66	53.7	4.21	60.0	4.81	66.3	5.45	70.5	5.90	76.9	6.61

RXYQ144PYDN

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB 57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	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
	54	84.1	3.26	102	4.01	116	4.61	130	5.22	143	5.86	152	6.29	166	6.95
	58	84.1	3.32	102	4.09	116	4.70	130	5.34	143	5.99	152	6.43	166	7.10
	62	84.1	3.39	102	4.18	116	4.80	130	5.45	143	6.12	152	6.57	166	7.26
	66	84.1	3.45	102	4.26	116	4.91	130	5.57	143	6.25	152	6.84	166	7.77
	70	84.1	3.52	102	4.36	116	5.01	130	5.85	143	6.76	152	7.40	164	8.27
	72	84.1	3.56	102	4.40	116	5.20	130	6.08	143	7.02	152	7.69	163	8.48
	75	84.1	3.62	102	4.65	116	5.50	130	6.43	143	7.44	152	8.15	161	8.80
	79	84.1	3.88	102	4.99	116	5.92	130	6.93	143	8.02	152	8.79	159	9.22
	83	84.1	4.16	102	5.36	116	6.36	130	7.45	143	8.63	152	9.47	156	9.64
	87	84.1	4.45	102	5.75	116	6.83	130	8.01	143	9.28	151	10.00	153	10.1
	91	84.1	4.76	102	6.16	116	7.32	130	8.60	143	9.98	148	10.4	151	10.5
	93	84.1	4.92	102	6.37	116	7.58	130	8.91	143	10.3	147	10.6	149	10.7
	95	84.1	5.09	102	6.59	116	7.85	130	9.23	143	10.7	146	10.8	148	10.9
	99	84.1	5.43	102	7.05	116	8.41	130	9.90	141	11.2	143	11.3	146	11.3
	103	84.1	5.80	102	7.54	116	9.01	130	10.6	139	11.6	140	11.7	143	11.8
80	50	74.8	2.85	90.9	3.47	103	3.96	115	4.48	127	5.02	135	5.38	148	5.94
	54	74.8	2.90	90.9	3.53	103	4.04	115	4.57	127	5.12	135	5.49	148	6.07
	58	74.8	2.95	90.9	3.60	103	4.12	115	4.67	127	5.23	135	5.61	148	6.20
	62	74.8	3.00	90.9	3.68	103	4.21	115	4.77	127	5.34	135	5.73	148	6.33
	66	74.8	3.06	90.9	3.75	103	4.30	115	4.87	127	5.46	135	5.86	148	6.52
	70	74.8	3.12	90.9	3.83	103	4.39	115	4.98	127	5.71	135	6.23	148	7.06
	72	74.8	3.15	90.9	3.87	103	4.44	115	5.16	127	5.93	135	6.47	148	7.34
	75	74.8	3.20	90.9	3.99	103	4.69	115	5.45	127	6.27	135	6.85	148	7.77
	79	74.8	3.37	90.9	4.28	103	5.04	115	5.87	127	6.75	135	7.38	148	8.38
	83	74.8	3.61	90.9	4.59	103	5.41	115	6.30	127	7.26	135	7.94	148	9.02
	87	74.8	3.85	90.9	4.92	103	5.80	115	6.77	127	7.80	135	8.54	148	9.70
	91	74.8	4.12	90.9	5.26	103	6.22	115	7.26	127	8.38	135	9.17	147	10.4
	93	74.8	4.25	90.9	5.44	103	6.44	115	7.51	127	8.68	135	9.51	146	10.6
	95	74.8	4.39	90.9	5.63	103	6.66	115	7.78	127	8.99	135	9.85	145	10.8
	99	74.8	4.68	90.9	6.01	103	7.13	115	8.34	127	9.64	135	10.6	142	11.2
	103	74.8	4.99	90.9	6.43	103	7.62	115	8.93	127	10.3	135	11.3	139	11.7
70	50	65.4	2.51	79.6	3.03	90.2	3.44	101	3.87	111	4.32	118	4.63	129	5.10
	54	65.4	2.55	79.6	3.08	90.2	3.50	101	3.95	111	4.41	118	4.72	129	5.20
	58	65.4	2.59	79.6	3.14	90.2	3.57	101	4.03	111	4.50	118	4.82	129	5.31
	62	65.4	2.64	79.6	3.20	90.2	3.64	101	4.11	111	4.59	118	4.92	129	5.43
	66	65.4	2.69	79.6	3.26	90.2	3.72	101	4.19	111	4.69	118	5.03	129	5.55
	70	65.4	2.74	79.6	3.33	90.2	3.80	101	4.29	111	4.79	118	5.16	129	5.82
	72	65.4	2.76	79.6	3.36	90.2	3.84	101	4.33	111	4.93	118	5.36	129	6.05
	75	65.4	2.80	79.6	3.41	90.2	3.95	101	4.56	111	5.21	118	5.67	129	6.40
	79	65.4	2.90	79.6	3.63	90.2	4.24	101	4.90	111	5.60	118	6.10	129	6.89
	83	65.4	3.09	79.6	3.89	90.2	4.54	101	5.25	111	6.02	118	6.56	129	7.41
	87	65.4	3.30	79.6	4.16	90.2	4.87	101	5.63	111	6.46	118	7.04	129	7.96
	91	65.4	3.52	79.6	4.44	90.2	5.21	101	6.03	111	6.93	118	7.55	129	8.55
	93	65.4	3.63	79.6	4.59	90.2	5.38	101	6.24	111	7.17	118	7.82	129	8.86
	95	65.4	3.75	79.6	4.74	90.2	5.57	101	6.46	111	7.42	118	8.10	129	9.18
	99	65.4	3.99	79.6	5.06	90.2	5.95	101	6.91	111	7.95	118	8.68	129	9.84
	103	65.4	4.25	79.6	5.40	90.2	6.36	101	7.39	111	8.51	118	9.30	129	10.6
60	50	56.1	2.19	68.2	2.61	77.3	2.94	86.4	3.29	95.5	3.65	102	3.90	111	4.29
	54	56.1	2.22	68.2	2.65	77.3	2.99	86.4	3.35	95.5	3.72	102	3.98	111	4.37
	58	56.1	2.26	68.2	2.70	77.3	3.05	86.4	3.42	95.5	3.80	102	4.06	111	4.46
	62	56.1	2.29	68.2	2.75	77.3	3.11	86.4	3.48	95.5	3.87	102	4.14	111	4.56
	66	56.1	2.33	68.2	2.80	77.3	3.17	86.4	3.55	95.5	3.95	102	4.23	111	4.65
	70	56.1	2.37	68.2	2.85	77.3	3.23	86.4	3.63	95.5	4.04	102	4.32	111	4.76
	72	56.1	2.39	68.2	2.88	77.3	3.26	86.4	3.66	95.5	4.08	102	4.37	111	4.88
	75	56.1	2.43	68.2	2.92	77.3	3.31	86.4	3.74	95.5	4.25	102	4.60	111	5.16
	79	56.1	2.47	68.2	3.03	77.3	3.51	86.4	4.02	95.5	4.56	102	4.95	111	5.55
	83	56.1	2.62	68.2	3.24	77.3	3.75	86.4	4.30	95.5	4.89	102	5.31	111	5.96
	87	56.1	2.80	68.2	3.46	77.3	4.01	86.4	4.61	95.5	5.24	102	5.69	111	6.40
	91	56.1	2.97	68.2	3.69	77.3	4.29	86.4	4.93	95.5	5.61	102	6.10	111	6.86
	93	56.1	3.07	68.2	3.81	77.3	4.43	86.4	5.09	95.5	5.81	102	6.31	111	7.10
	95	56.1	3.16	68.2	3.94	77.3	4.58	86.4	5.27	95.5	6.01	102	6.53	111	7.35
	99	56.1	3.36	68.2	4.19	77.3	4.88	86.4	5.62	95.5	6.42	102	6.98	111	7.87
	103	56.1	3.57	68.2	4.47	77.3	5.21	86.4	6.01	95.5	6.86	102	7.47	111	8.43
50	50	46.7	1.89	56.8	2.21	64.4	2.47	72.0	2.74	79.6	3.03	84.6	3.22	92.2	3.52
	54	46.7	1.91	56.8	2.25	64.4	2.51	72.0	2.79	79.6	3.08	84.6	3.28	92.2	3.59
	58	46.7	1.94	56.8	2.28	64.4	2.56	72.0	2.84	79.6	3.14	84.6	3.34	92.2	3.66
	62	46.7	1.97	56.8	2.32	64.4	2.60	72.0	2.89	79.6	3.20	84.6	3.41	92.2	3.73
	66	46.7	2.00	56.8	2.36	64.4	2.65	72.0	2.95	79.6	3.26	84.6	3.48	92.2	3.81
	70	46.7	2.03	56.8	2.40	64.4	2.70	72.0	3.01	79.6	3.33	84.6	3.55	92.2	3.89
	72	46.7	2.05	56.8	2.42	64.4	2.72	72.0	3.03	79.6	3.36	84.6	3.58	92.2	3.93
	75	46.7	2.07	56.8	2.46	64.4	2.76	72.0	3.08	79.6	3.41	84.6	3.65	92.2	4.06
	79	46.7	2.11	56.8	2.50	64.4	2.85	72.0	3.23	79.6	3.63	84.6	3.92	92.2	4.36
	83	46.7	2.19	56.8	2.66	64.4	3.04	72.0	3.45	79.6	3.89	84.6	4.19	92.2	4.68
	87	46.7	2.33	56.8	2.84	64.4	3.25	72.0	3.69	79.6	4.16	84.6	4.49	92.2	5.01
	91	46.7	2.48	56.8	3.02	64.4	3.46	72.0	3.94	79.6	4.44	84.6	4.80	92.2	5.36
	93	46.7	2.55	56.8	3.11	64.4	3.57	72.0	4.06	79.6	4.59	84.6	4.96	92.2	5.54
	95	46.7	2.63	56.8	3.21	64.4	3.69	72.0	4.20	79.6	4.74	84.6	5.13	92.2	5.73
	99	46.7	2.79	56.8	3.41	64.4	3.92	72.0	4.47	79.6	5.06	84.6	5.48	92.2	6.13
	103	46.7	2.96	56.8	3.63	64.4	4.18	72.0	4.77	79.6	5.40	84.6	5.85	92.2	6.55

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB 57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	50	121	4.76	148	5.95	167	6.88	181	7.13	185	7.24	188	7.24	191	7.24
	54	121	4.85	148	6.08	167	7.03	179	7.28	182	7.40	185	7.40	189	7.40
	58	121	4.96	148	6.21	167	7.18	176	7.44	180	7.46	182	7.46	186	7.46
	62	121	5.06	148	6.34	167	7.33	174	7.46	177	7.47	180	7.42	183	7.26
	66	121	5.17	148	6.54	167	7.86	171	7.92	175	7.99	177	8.03	181	8.09
	70	121	5.34	148	7.07	165	8.28	168	8.35	172	8.41	174	8.46	178	8.53
	72	121	5.55	148	7.35	163	8.49	167	8.56	171	8.63	173	8.67	177	8.74
	75	121	5.87	148	7.79	161	8.80	165	8.87	169	8.95	171	9.00	175	9.07
	79	121	6.32	148	8.39	159	9.22	162	9.30	166	9.38	169	9.43	172	9.51
	83	121	6.79	148	9.04	156	9.64	160	9.73	164	9.81	166	9.87	170	9.95
	87	121	7.29	148	9.73	154	10.1	157	10.2	161	10.2	163	10.3	167	10.4
	91	121	7.83	147	10.4	151	10.5	155	10.6	158	10.7	161	10.7	165	10.8
	93	121	8.11	146	10.6	150	10.7	153	10.8	157	10.9	160	11.0	163	11.1
	95	121	8.39	145	10.8	148	10.9	152	11.0	156	11.1	158	11.2	162	11.3
	99	121	9.00	142	11.2	146	11.3	149	11.5	153	11.6	156	11.6	159	11.7
	103	121	9.64	139	11.7	143	11.8	147	11.9	151	12.0	153	12.1	157	12.2
120	50	112	4.35	136	5.43	155	6.27	173	7.13	182	7.24	184	7.24	188	7.24
	54	112	4.44	136	5.54	155	6.40	173	7.28	179	7.40	182	7.40	185	7.40
	58	112	4.53	136	5.66	155	6.54	173	7.44	177	7.46	179	7.46	183	7.46
	62	112	4.62	136	5.78	155	6.68	171	7.46	174	7.47	177	7.42	180	7.26
	66	112	4.72	136	5.91	155	6.99	168	7.88	172	7.94	174	7.98	177	8.03
	70	112	4.83	136	6.29	155	7.56	166	8.30	169	8.36	171	8.40	175	8.46
	72	112	4.97	136	6.54	155	7.86	164	8.51	168	8.57	170	8.61	173	8.68
	75	112	5.25	136	6.92	155	8.33	162	8.82	166	8.89	168	8.93	171	9.00
	79	112	5.65	136	7.46	155	8.98	160	9.24	163	9.31	165	9.36	169	9.44
	83	112	6.07	136	8.03	154	9.59	157	9.67	161	9.74	163	9.79	166	9.87
	87	112	6.52	136	8.63	151	10.0	155	10.1	158	10.2	160	10.2	164	10.3
	91	112	6.99	136	9.27	149	10.4	152	10.5	155	10.6	158	10.7	161	10.8
	93	112	7.23	136	9.61	147	10.6	151	10.7	154	10.8	156	10.9	160	11.0
	95	112	7.49	136	9.95	146	10.9	149	10.9	153	11.0	155	11.1	158	11.2
	99	112	8.02	136	10.7	143	11.3	147	11.4	150	11.5	152	11.5	156	11.6
	103	112	8.59	136	11.5	141	11.7	144	11.8	148	11.9	150	12.0	153	12.1
110	50	103	3.95	125	4.91	142	5.67	158	6.45	175	7.24	181	6.97	184	6.97
	54	103	4.03	125	5.02	142	5.79	158	6.59	175	7.40	179	7.11	182	7.11
	58	103	4.11	125	5.12	142	5.91	158	6.73	174	7.46	176	7.26	179	7.26
	62	103	4.20	125	5.23	142	6.04	158	6.87	171	7.47	173	7.42	176	7.26
	66	103	4.29	125	5.35	142	6.18	158	7.25	169	7.89	171	7.92	174	7.97
	70	103	4.38	125	5.56	142	6.65	158	7.84	166	8.30	168	8.34	171	8.40
	72	103	4.43	125	5.78	142	6.91	158	8.16	165	8.51	167	8.55	170	8.61
	75	103	4.68	125	6.11	142	7.32	158	8.64	163	8.83	165	8.87	168	8.93
	79	103	5.02	125	6.58	142	7.89	157	9.18	160	9.25	162	9.30	165	9.36
	83	103	5.39	125	7.08	142	8.49	155	9.60	158	9.67	160	9.72	163	9.79
	87	103	5.78	125	7.60	142	9.13	152	10.0	155	10.1	157	10.2	160	10.2
	91	103	6.20	125	8.16	142	9.82	149	10.4	152	10.5	155	10.6	158	10.7
	93	103	6.41	125	8.45	142	10.2	148	10.7	151	10.7	153	10.8	156	10.9
	95	103	6.63	125	8.75	142	10.5	147	10.9	150	11.0	152	11.0	155	11.1
	99	103	7.10	125	9.39	141	11.2	144	11.3	147	11.4	149	11.5	152	11.5
	103	103	7.59	125	10.1	138	11.6	141	11.7	145	11.8	147	11.9	150	12.0
100	50	93.4	3.57	114	4.42	129	5.08	144	5.78	159	6.49	169	6.97	181	6.97
	54	93.4	3.64	114	4.50	129	5.19	144	5.90	159	6.62	169	7.11	178	7.11
	58	93.4	3.71	114	4.60	129	5.30	144	6.02	159	6.76	169	7.26	176	7.26
	62	93.4	3.78	114	4.69	129	5.41	144	6.15	159	6.91	169	7.42	173	7.26
	66	93.4	3.86	114	4.80	129	5.53	144	6.30	159	7.30	168	7.87	170	7.92
	70	93.4	3.94	114	4.90	129	5.80	144	6.81	159	7.90	165	8.28	168	8.34
	72	93.4	3.99	114	5.06	129	6.03	144	7.08	159	8.21	164	8.49	167	8.55
	75	93.4	4.13	114	5.35	129	6.38	144	7.49	159	8.70	162	8.81	165	8.86
	79	93.4	4.44	114	5.76	129	6.87	144	8.08	157	9.19	159	9.23	162	9.29
	83	93.4	4.76	114	6.19	129	7.39	144	8.70	155	9.61	157	9.65	159	9.71
	87	93.4	5.10	114	6.64	129	7.94	144	9.36	152	10.0	154	10.1	157	10.1
	91	93.4	5.45	114	7.12	129	8.52	144	10.1	149	10.5	151	10.5	154	10.6
	93	93.4	5.64	114	7.37	129	8.83	144	10.4	148	10.7	150	10.7	153	10.8
	95	93.4	5.83	114	7.63	129	9.15	144	10.8	147	10.9	149	10.9	152	11.0
	99	93.4	6.24	114	8.18	129	9.81	141	11.2	144	11.3	146	11.4	149	11.4
	103	93.4	6.66	114	8.76	129	10.5	139	11.6	142	11.7	144	11.8	146	11.9

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.

RXYQ168PYDN

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB																					
		57			61			64			67			70			72			75			
		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW	
130	50	142	6.17		172	7.71		195	8.92		212	9.25		216	9.39		219	9.39		223	9.39	
	54	142	6.29		172	7.88		195	9.11		209	9.44		213	9.59		216	9.59		220	9.59	
	58	142	6.42		172	8.04		195	9.30		206	9.64		210	9.67		213	9.67		217	9.67	
	62	142	6.56		172	8.22		195	9.50		202	9.67		207	9.68		210	9.68		214	9.41	
	66	142	6.70		172	8.47		195	10.2		199	10.3		204	10.4		207	10.4		211	10.5	
	70	142	6.93		172	9.17		192	10.7		196	10.8		201	10.9		204	11.0		208	11.1	
	72	142	7.19		172	9.53		191	11.0		195	11.1		199	11.2		202	11.2		206	11.3	
	75	142	7.61		172	10.1		188	11.4		193	11.5		197	11.6		200	11.7		204	11.8	
	79	142	8.19		172	10.9		185	12.0		190	12.1		194	12.2		197	12.2		201	12.3	
	83	142	8.80		172	11.7		182	12.5		187	12.6		191	12.6		194	12.8		198	12.9	
	87	142	9.46		172	12.6		179	13.0		184	13.2		188	13.3		191	13.4		195	13.5	
	91	142	10.1		172	13.5		176	13.6		180	13.7		185	13.8		188	13.9		192	14.1	
	93	142	10.5		170	13.8		175	13.9		179	14.0		183	14.1		186	14.2		190	14.3	
	95	142	10.9		169	14.0		173	14.2		177	14.3		182	14.4		185	14.5		189	14.6	
	99	142	11.7		166	14.6		170	14.7		174	14.9		179	15.0		182	15.1		186	15.2	
	103	142	12.5		163	15.1		167	15.3		171	15.4		176	15.6		179	15.7		183	15.8	
120	50	131	5.64		159	7.04		180	8.13		202	9.25		212	9.39		215	9.39		219	9.39	
	54	131	5.75		159	7.18		180	8.30		202	9.44		209	9.59		212	9.59		216	9.59	
	58	131	5.87		159	7.33		180	8.48		202	9.64		206	9.67		209	9.67		213	9.67	
	62	131	5.99		159	7.49		180	8.66		199	9.67		203	9.68		206	9.62		210	9.41	
	66	131	6.12		159	7.66		180	9.06		196	10.2		200	10.3		203	10.3		207	10.4	
	70	131	6.26		159	8.16		180	9.80		193	10.8		197	10.8		200	10.9		204	11.0	
	72	131	6.44		159	8.48		180	10.2		192	11.0		196	11.1		198	11.2		202	11.2	
	75	131	6.81		159	8.97		180	10.8		189	11.4		193	11.5		196	11.6		200	11.7	
	79	131	7.33		159	9.67		180	11.6		186	12.0		190	12.1		193	12.1		197	12.2	
	83	131	7.87		159	10.4		179	12.4		183	12.5		187	12.6		190	12.7		194	12.8	
	87	131	8.45		159	11.2		176	13.0		180	13.1		184	13.2		187	13.3		191	13.4	
	91	131	9.06		159	12.0		173	13.5		177	13.6		181	13.7		184	13.8		188	13.9	
	93	131	9.38		159	12.5		172	13.8		176	13.9		180	14.0		183	14.1		186	14.2	
	95	131	9.71		159	12.9		170	14.1		174	14.2		178	14.3		181	14.4		185	14.5	
	99	131	10.4		159	13.8		167	14.6		171	14.7		175	14.9		178	15.0		182	15.1	
	103	131	11.1		159	14.9		164	15.2		168	15.3		172	15.4		175	15.5		179	15.7	
110	50	120	5.12		146	6.37		165	7.35		185	8.36		204	9.39		211	9.03		215	9.03	
	54	120	5.23		146	6.50		165	7.51		185	8.54		204	9.59		208	9.22		212	9.22	
	58	120	5.33		146	6.64		165	7.67		185	8.72		203	9.67		205	9.42		209	9.42	
	62	120	5.44		146	6.78		165	7.83		185	8.91		200	9.68		202	9.62		206	9.41	
	66	120	5.56		146	6.93		165	8.01		185	9.39		197	10.2		199	10.3		203	10.3	
	70	120	5.68		146	7.21		165	8.62		185	10.2		194	10.8		196	10.8		200	10.9	
	72	120	5.74		146	7.49		165	8.96		185	10.6		192	11.0		195	11.1		198	11.2	
	75	120	6.06		146	7.92		165	9.49		185	11.2		190	11.4		192	11.5		196	11.6	
	79	120	6.51		146	8.53		165	10.2		183	11.9		187	12.0		189	12.0		193	12.1	
	83	120	6.99		146	9.17		165	11.0		180	12.4		184	12.5		186	12.6		190	12.7	
	87	120	7.50		146	9.85		165	11.8		177	13.0		181	13.1		183	13.2		187	13.3	
	91	120	8.03		146	10.6		165	12.7		174	13.5		178	13.6		180	13.7		184	13.8	
	93	120	8.31		146	11.0		165	13.2		173	13.8		176	13.9		179	14.0		182	14.1	
	95	120	8.60		146	11.3		165	13.7		171	14.1		175	14.2		177	14.3		181	14.4	
	99	120	9.20		146	12.2		164	14.5		168	14.6		172	14.8		174	14.8		178	15.0	
	103	120	9.84		146	13.0		161	15.1		165	15.2		169	15.3		171	15.4		175	15.5	
100	50	109	4.63		133	5.72		150	6.59		168	7.49		186	8.41		197	9.03		211	9.06	
	54	109	4.72		133	5.84		150	6.73		168	7.64		186	8.58		197	9.22		208	9.22	
	58	109	4.81		133	5.96		150	6.87		168	7.81		186	8.77		197	9.42		205	9.42	
	62	109	4.91		133	6.09		150	7.02		168	7.98		186	8.96		197	9.62		202	9.41	
	66	109	5.01		133	6.22		150	7.17		168	8.16		186	9.46		196	10.2		199	10.3	
	70	109	5.11		133	6.35		150	7.52		168	8.83		186	10.2		192	10.7		196	10.8	
	72	109	5.17		133	6.56		150	7.81		168	9.18		186	10.6		191	11.0		194	11.1	
	75	109	5.36		133	6.94		150	8.27		168	9.71		186	11.3		189	11.4		192	11.5	
	79	109	5.75		133	7.46		150	8.90		168	10.5		183	11.9		186	12.0		189	12.0	
	83	109	6.17		133	8.02		150	9.58		168	11.3		180	12.5		183	12.5		186	12.6	
	87	109	6.60		133	8.61		150	10.3		168	12.1		177	13.0		180	13.1		183	13.1	
	91	109	7.07		133	9.23		150	11.0		168	13.0		174	13.5		177	13.6		180	13.7	
	93	109	7.31		133	9.56		150	11.4		168	13.5		173	13.8		175	13.9		178	14.0	
	95	109	7.56		133	9.89		150	11.9		168	14.0		171	14.1		174	14.2		177	14.2	
	99	109	8.08		133	10.6		150	12.7		165	14.5		168	14.7		170	14.7		174	14.8	
	103	109	8.64		133	11.4		150	13.6		162	15.1		165	15.2		167	15.3		171	15.4	

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB																					
		57			61			64			67			70			72			75			
		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW	
90	50	98.1	4.15		119	5.10		135	5.85		151	6.64		167	7.44		178	7.99		194	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	5.30		135	6.09		151	6.92		167	7.76		178	8.33		194	9.21	
	62	98.1	4.39		119	5.41		135	6.22		151	7.07		167	7.93		178	8.52		194	9.41	
	66	98.1	4.48		119	5.53		135	6.36		151	7.22		167	8.11		178	8.86		194	10.1	
	70	98.1	4.57		119	5.65		135	6.50		151	7.58		167	8.76		178	9.59		192	10.7	
	72	98.1	4.62		119	5.71		135	6.75		151	7.88		167	9.11		178	9.97		190	11.0	
	75	98.1	4.70		119	6.02		135	7.13		151	8.34		167	9.64		178	10.6		188	11.4	
	79	98.1	5.04		119	6.47		135	7.67		151	8.98		167	10.4		178	11.4		185	11.9	
	83	98.1	5.39		119	6.95		135	8.25		151	9.66		167	11.2		176	12.3		182	12.5	
	87	98.1	5.77		119	7.45		135	8.85		151	10.4		167	12.0		173	13.0		179	13.0	
	91	98.1	6.17		119	7.98		135	9.49		151	11.1		167	12.9		171	13.5		176	13.6	
	93	98.1	6.38		119	8.26		135	9.83		151	11.5		167	13.4		171	13.8		174	13.9	
	95	98.1	6.59		119	8.54		135	10.2		151	12.0		167	13.9		170	14.1		173	14.1	
	99	98.1	7.04		119	9.14		135	10.9		151	12.8		165	14.5		167	14.6		170	14.7	
	103	98.1	7.82		119	9.78		135	11.7		151	13.8		162	15.1		164	15.2		167	15.3	
80	50	87.2	3.69		106	4.50		120	5.14		134	5.81		149	6.50		158	6.98		172	7.70	
	54	87.2	3.75		106	4.58		120	5.24		134	5.93		149	6.64		158	7.12		172	7.86	
	58	87.2	3.82		106	4.67		120	5.35		134	6.05		149	6.78		158	7.27		172	8.03	
	62	87.2	3.89		106	4.76		120	5.46		134	6.18		149	6.92		158	7.43		172	8.21	
	66	87.2	3.97		106	4.86		120	5.57		134	6.31		149	7.08		158	7.60		172	8.46	
	70	87.2	4.05		106	4.96		120	5.69		134	6.45		149	7.40		158	8.08		172	9.15	
	72	87.2	4.09		106	5.02		120	5.76		134	6.69		149	7.69		158	8.39		172	9.51	
	75	87.2	4.15		106	5.17		120	6.08		134	7.07		149	8.13		158	8.88		172	10.1	
	79	87.2	4.37		106	5.55		120	6.54		134	7.60		149	8.76		158	9.57		172	10.9	
	83	87.2	4.68		106	5.95		120	7.02		134	8.17		149	9.42		158	10.3		172	11.7	
	87	87.2	5.00		106	6.38		120	7.52		134	8.77		149	10.1		158	11.1		172	12.6	
	91	87.2	5.34		106	6.82		120	8.06		134	9.41		149	10.9		158	11.9		172	13.5	
	93	87.2	5.51		106	7.05		120	8.34		134	9.74		149	11.3		158	12.3		172	13.7	
	95	87.2	5.69		106	7.29		120	8.63		134	10.1		149	11.7		158	12.8		169	14.0	
	99	87.2	6.07		106	7.80		120	9.24		134	10.8		149	12.5		158	13.7		166	14.6	
	103	87.2	6.47		106	8.33		120	9.88		134	11.6		149	13.4		158	14.7		163	15.1	
70	50	76.3	3.25		92.8	3.92		105	4.46		118	5.02		130	5.60		138	6.00		151	6.61	
	54	76.3	3.30		92.8	3.99		105	4.54		118	5.12		130	5.71		138	6.12		151	6.74	
	58	76.3	3.36		92.8	4.07		105	4.63		118	5.22		130	5.83		138	6.25		151	6.89	
	62	76.3	3.42		92.8	4.15		105	4.72		118	5.33		130	5.95		138	6.38		151	7.03	
	66	76.3	3.48		92.8	4.23		105	4.82		118	5.44		130	6.08		138	6.52		151	7.19	
	70	76.3	3.55		92.8	4.31		105	4.92		118	5.56		130	6.21		138	6.69		151	7.54	
	72	76.3	3.58		92.8	4.36		105	4.97		118	5.62		130	6.39		138	6.95		151	7.84	
	75	76.3	3.63		92.8	4.42		105	5.12		118	5.91		130	6.75		138	7.35		151	8.29	
	79	76.3	3.76		92.8	4.71		105	5.49		118	6.35		130	7.26		138	7.91		151	8.93	
	83	76.3	4.01		92.8	5.04		105	5.89		118	6.81		130	7.80		138	8.50		151	9.61	
	87	76.3	4.28		92.8	5.39		105	6.31		118	7.30		130	8.37		138	9.13		151	10.3	
	91	76.3	4.56		92.8	5.76		105	6.75		118	7.82		130	8.98		138	9.79		151	11.1	
	93	76.3	4.71		92.8	5.95		105	6.98		118	8.09		130	9.29		138	10.1		151	11.5	
	95	76.3	4.86		92.8	6.15		105	7.22		118	8.37		130	9.62		138	10.5		151	11.9	
	99	76.3	5.18		92.8	6.56		105	7.71		118	8.96		130	10.3		138	11.3		151	12.8	
	103	76.3	5.51		92.8	7.00		105	8.24		118	9.58		130	11.0		138	12.1		151	13.7	
60	50	65.4	2.83		79.6	3.38		90.2	3.81		101	4.26		111	4.74		118	5.06		129	5.56	
	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	5.78	
	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	3.07		79.6	3.69		90.2	4.19		101	4.70		111	5.24		118	5.60		129	6.17	
	72	65.4	3.10		79.6	3.73		90.2	4.23		101	4.75		111	5.29		118	5.67		129	6.33	
	75	65.4	3.14		79.6	3.78		90.2	4.29		101	4.85		111	5.51		118	5.97		129	6.69	
	79	65.4	3.20		79.6	3.93		90.2	4.55		101	5.21		111	5.91		118	6.41		129	7.20	
	83	65.4	3.40		79.6	4.20		90.2	4.87		101	5.58		111	6.34		118	6.88		129	7.73	
	87	65.4	3.62		79.6	4.49		90.2	5.20		101	5.97		111	6.80		118	7.38		129	8.29	
	91	65.4	3.86		79.6	4.79		90.2	5.56		101	6.40		111	7.28		118	7.90		129	8.89	
	93	65.4	3.98		79.6	4.94		90.2	5.74		101	6.60		111	7.53		118	8.18		129	9.21	
	95	65.4	4.10		79.6	5.10		90.2	5.93		101	6.83		111	7.78		118	8.46		129	9.53	
	99	65.4	4.36		79.6	5.44		90.2	6.33		101	7.29		111	8.32		118	9.05		129	10.2	
	103	65.4	4.63		79.6	5.79		90.2	6.75		101	7.78		111	8.90		118	9.68		129	10.9	
50	50	54.5	2.44		66.3	2.87		75.2	3.20		84.0	3.56		92.8	3.92		98.7	4.18		108	4.56	
	54	54.5	2.48		66.3	2.91		75.2	3.26		84.0	3.62		92.8	3.99		98.7	4.25		108	4.65	
	58	54.5	2.51		66.3	2.96		75.2	3.31		84.0	3.68		92.8	4.07		98.7	4.33		108	4.74	
	62	54.5	2.55		66.3	3.01		75.2	3.37		84.0	3.75		92.8	4.15		98.7	4.42		108	4.84	
	66	54.5	2.59		66.3	3.06		75.2	3.43		84.0	3.82		92.8	4.23		98.7	4.51		108	4.94	
	70	54.5	2.63		66.3	3.11		75.2	3.50		84.0	3.90		92.8	4.31		98.7	4.60		108	5.04	
	72	54.5	2.65		66.3	3.14		75.2	3.53		84.0	3.93		92.8	4.36		98.7	4.65		108	5.09	
	75	54.5	2.69		66.3	3.18		75.2	3.58		84.0	3.99		92.8	4.42		98.7	4.73		108	5.27	
	79	54.5	2.73		66.3	3.24		75.2	3.69		84.0	4.18		92.8	4.71		98.7	5.08		108	5.65	
	83	54.5	2.84		66.3	3.45		75.2	3.94		84.0	4.47		92.8	5.04		98.7	5.44		108	6.06	
	87	54.5	3.02		66.3	3.68		75.2	4.21		84.0	4.78		92.8	5.39		98.7	5.82		108	6.49	
	91	54.5	3.21		66.3	3.91		75.2	4.49		84.0	5.10		92.8	5.76		98.7	6.22		108	6.95	
	93	54.5	3.31		66.3	4.03		75.2	4.63		84.0	5.27		92.8	5.95		98.7	6.43		108	7.19	
	95	54.5	3.41		66.3	4.16		75.2	4.78		84.0	5.44		92.8	6.15		98.7	6.65		108	7.43	
	99	54.5	3.61		66.3	4.42		75.2	5.09		84.0	5.80		92.8	6.56		98.7	7.10		108	7.94	
	103	54.5	3.83		66.3	4.70		75.2	5.41		84.0	6.18		92.8	7.00		98.7	7.58		108	8.49	

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.

RXYQ192PYDN

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB																					
		57			61			64			67			70			72			75			
		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW	
130	50	162	7.18	197	8.98	223	10.4	242	10.8	247	10.9	250	10.9	255	10.9								
	54	162	7.33	197	9.17	223	10.6	238	11.0	243	11.2	247	11.2	251	11.2								
	58	162	7.48	197	9.37	223	10.8	235	11.2	240	11.3	243	11.3	248	11.3								
	62	162	7.64	197	9.57	223	11.1	231	11.3	236	11.3	240	11.2	245	11.0								
	66	162	7.81	197	9.87	223	11.9	228	12.0	233	12.1	236	12.1	241	12.2								
	70	162	8.06	197	10.7	220	12.5	224	12.6	229	12.7	233	12.8	238	12.9								
	72	162	8.38	197	11.1	218	12.8	223	12.9	228	13.0	231	13.1	236	13.2								
	75	162	8.86	197	11.8	215	13.3	220	13.4	225	13.5	228	13.6	233	13.7								
	79	162	9.53	197	12.7	212	13.9	217	14.0	222	14.2	225	14.2	230	14.4								
	83	162	10.3	197	13.6	208	14.6	213	14.7	218	14.8	221	14.9	226	15.0								
	87	162	11.0	197	14.7	205	15.2	210	15.3	215	15.5	218	15.6	223	15.7								
	91	162	11.8	196	15.7	201	15.8	206	16.0	211	16.1	214	16.2	219	16.4								
	93	162	12.2	195	16.0	200	16.2	205	16.3	208	16.5	213	16.5	218	16.7								
	95	162	12.7	193	16.3	198	16.5	203	16.6	208	16.8	211	16.9	216	17.0								
	99	162	13.6	189	17.0	194	17.1	199	17.3	204	17.5	208	17.6	212	17.7								
	103	162	14.6	186	17.6	191	17.8	196	18.0	201	18.1	204	18.2	209	18.4								
120	50	150	6.56	182	8.19	206	9.46	230	10.8	243	10.9	246	10.9	250	10.9								
	54	150	6.70	182	8.36	206	9.66	230	11.0	239	11.2	242	11.2	247	11.2								
	58	150	6.83	182	8.54	206	9.87	230	11.2	239	11.3	243	11.3	247	11.3								
	62	150	6.98	182	8.72	206	10.1	228	11.3	232	11.3	235	11.2	240	11.0								
	66	150	7.13	182	8.92	206	10.5	224	11.9	229	12.0	232	12.0	236	12.1								
	70	150	7.29	182	9.50	206	11.4	221	12.5	225	12.6	228	12.7	233	12.8								
	72	150	7.50	182	9.87	206	11.9	219	12.8	224	12.9	227	13.0	231	13.1								
	75	150	7.93	182	10.4	206	12.6	217	13.3	221	13.4	224	13.5	229	13.6								
	79	150	8.53	182	11.3	206	13.6	213	13.9	218	14.1	221	14.1	225	14.2								
	83	150	9.16	182	12.1	205	14.5	210	14.6	214	14.7	217	14.8	222	14.9								
	87	150	9.83	182	13.0	202	15.1	206	15.2	211	15.4	214	15.4	218	15.6								
	91	150	10.5	182	14.0	198	15.7	203	15.9	207	16.0	210	16.1	215	16.2								
	93	150	10.9	182	14.5	196	16.2	201	16.2	205	16.3	208	16.4	213	16.6								
	95	150	11.3	182	15.0	195	16.4	199	16.5	204	16.7	207	16.8	211	16.9								
	99	150	12.1	182	16.1	191	17.0	196	17.2	200	17.3	203	17.4	208	17.6								
	103	150	13.0	182	17.3	188	17.7	192	17.8	197	18.0	200	18.1	204	18.2								
110	50	137	5.97	167	7.42	189	8.56	211	9.73	233	10.9	242	10.5	246	10.5								
	54	137	6.08	167	7.57	189	8.74	211	9.94	233	11.2	238	10.7	242	10.7								
	58	137	6.21	167	7.73	189	8.92	211	10.2	232	11.3	235	11.0	239	11.0								
	62	137	6.34	167	7.89	189	9.12	211	10.4	228	11.3	231	11.2	235	11.0								
	66	137	6.47	167	8.07	189	9.32	211	10.9	225	11.9	228	12.0	232	12.0								
	70	137	6.61	167	8.40	189	10.0	211	11.8	221	12.5	224	12.6	228	12.7								
	72	137	6.68	167	8.72	189	10.4	211	12.3	220	12.8	222	12.9	227	13.0								
	75	137	7.06	167	9.23	189	11.0	211	13.0	217	13.3	220	13.4	224	13.5								
	79	137	7.58	167	9.93	189	11.9	209	13.9	214	14.0	216	14.0	221	14.1								
	83	137	8.14	167	10.7	189	12.8	206	14.5	210	14.6	213	14.7	217	14.8								
	87	137	8.73	167	11.5	189	13.8	203	15.1	207	15.2	209	15.3	214	15.4								
	91	137	9.35	167	12.3	189	14.8	199	15.8	203	15.9	206	16.0	210	16.1								
	93	137	9.68	167	12.8	189	15.4	197	16.1	201	16.2	204	16.3	208	16.4								
	95	137	10.0	167	13.2	189	15.9	196	16.4	200	16.5	203	16.6	207	16.8								
	99	137	10.7	167	14.2	189	16.9	192	17.1	196	17.2	199	17.3	203	17.4								
	103	137	11.5	167	15.2	184	17.6	189	17.7	193	17.8	196	17.9	200	18.1								
100	50	125	5.39	152	6.66	172	7.67	192	8.72	212	9.79	226	10.5	241	10.5								
	54	125	5.49	152	6.80	172	7.83	192	8.90	212	10.00	226	10.7	238	10.7								
	58	125	5.60	152	6.94	172	8.00	192	9.09	212	10.2	226	11.0	234	11.0								
	62	125	5.71	152	7.09	172	8.17	192	9.29	212	10.4	226	11.2	231	11.0								
	66	125	5.83	152	7.24	172	8.35	192	9.50	212	11.0	223	11.9	227	11.9								
	70	125	5.95	152	7.40	172	8.76	192	10.3	212	11.9	220	12.5	224	12.6								
	72	125	6.02	152	7.64	172	9.10	192	10.7	212	12.4	218	12.8	222	12.9								
	75	125	6.24	152	8.08	172	9.63	192	11.3	212	13.1	216	13.3	219	13.4								
	79	125	6.69	152	8.69	172	10.4	192	12.2	210	13.9	212	13.9	216	14.0								
	83	125	7.18	152	9.34	172	11.1	192	13.1	206	14.5	209	14.6	213	14.7								
	87	125	7.69	152	10.0	172	12.0	192	14.1	203	15.1	205	15.2	209	15.3								
	91	125	8.23	152	10.7	172	12.9	192	15.2	199	15.8	202	15.8	206	16.0								
	93	125	8.51	152	11.1	172	13.3	192	15.7	198	16.1	200	16.2	204	16.3								
	95	125	8.80	152	11.5	172	13.8	192	16.3	196	16.4	198	16.5	202	16.6								
	99	125	9.41	152	12.3	172	14.8	189	16.9	192	17.1	195	17.1	199	17.3								
	103	125	10.1	152	13.2	172	15.9	185	17.6	189	17.7	191	17.8	195	17.9								

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB																					
		57			61			64			67			70			72			75			
		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI		TC	PI	
		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW		MBH	kW	
90	50	112	4.83	136	5.94	155	6.81	173	7.73	191	8.67	203	9.31	221	10.3								
	54	112	4.92	136	6.05	155	6.95	173	7.89	191	8.85	203	9.50	221	10.5								
	58	112	5.01	136	6.17	155	7.10	173	8.05	191	9.04	203	9.70	221	10.7								
	62	112	5.11	136	6.30	155	7.25	173	8.23	191	9.23	203	9.92	221	11.0								
	66	112	5.21	136	6.44	155	7.40	173	8.41	191	9.44	203	10.3	221	11.7								
	70	112	5.32	136	6.57	155	7.57	173	8.83	191	10.2	203	11.2	219	12.5								
	72	112	5.37	136	6.65	155	7.85	173	9.17	191	10.6	203	11.6	217	12.8								
	75	112	5.47	136	7.01	155	8.30	173	9.71	191	11.2	203	12.3	215	13.3								
	79	112	5.86	136	7.54	155	8.93	173	10.5	191	12.1	203	13.3	211	13.9								
	83	112	6.28	136	8.09	155	9.60	173	11.2	191	13.0	201	14.3	208	14.5								
	87	112	6.72	136	8.67	155	10.3	173	12.1	191	14.0	198	15.7	204	15.2								
	91	112	7.18	136	9.29	155	11.1	173	13.0	191	15.1	196	16.0	201	15.8								
	93	112	7.43	136	9.61	155	11.4	173	13.4	191	15.6	196	16.4	199	16.0								
	95	112	7.68	136	9.95	155	11.9	173	13.9	188	16.2	194	16.9	197	16.5								
	99	112	8.20	136	10.6	155	12.7	173	14.9	185	17.0	191	17.6	194	17.1								
	103	112	8.75	136	11.4	155	13.6	173	16.0	185	17.6	187	17.7	191	17.8								
80	50	99.7	4.29	121	5.24	137	5.98	154	6.76	170	7.57	181	8.12	197	8.97								
	54	99.7	4.37	121	5.33	137	6.10	154	6.90	170	7.73	181	8.29	197	9.16								
	58	99.7	4.45	121	5.44	137	6.23	154	7.04	170	7.89	181	8.47	197	9.35								
	62	99.7	4.53	121	5.55	137	6.35	154	7.19	170	8.06	181	8.65	197	9.55								
	66	99.7	4.62	121	5.66	137	6.49	154	7.35	170	8.24	181	8.84	197	9.85								
	70	99.7	4.71	121	5.78	137	6.63	154	7.51	170	8.61	181	9.40	197	10.7								
	72	99.7	4.76	121	5.84	137	6.70	154	7.78	170	8.95	181	9.77	197	11.1								
	75	99.7	4.83	121	6.02	137	7.08	154	8.23	170	9.47	181	10.3	197	11.7								
	79	99.7	5.09	121	6.47	137	7.61	154	8.85	170	10.2	181	11.1	197	12.6								
	83	99.7	5.44	121	6.93	137	8.17	154	9.51	170	11.0	181	12.0	197	13.6								
	87	99.7	5.82	121	7.42	137	8.76	154	10.2	170	11.8	181	12.9	197	14.6								
	91	99.7	6.21	121	7.94	137	9.39	154	11.0	170	12.6	181	13.8	196	15.7								
	93	99.7	6.42	121	8.21	137	9.71	154	11.3	170	13.1	181	14.3	195	16.0								
	95	99.7	6.63	121	8.49	137	10.0	154	11.7	170	13.6	181	14.9	193	16.3								
	99	99.7	7.07	121	9.08	137	10.8	154	12.6	170	14.6	181	15.9	189	17.0								
	103	99.7	7.54	121	9.70	137	11.5	154	13.5	170	15.6	181	17.1	186	17.6								
70	50	87.2	3.78	106	4.57	120	5.19	134	5.84	149	6.52	158	6.98	172	7.69								
	54	87.2	3.85	106	4.65	120	5.29	134	5.96	149	6.65	158	7.12	172	7.85								
	58	87.2	3.91	106	4.74	120	5.39	134	6.08	149	6.79	158	7.27	172	8.02								
	62	87.2	3.98	106	4.83	120	5.50	134	6.20	149	6.93	158	7.43	172	8.19								
	66	87.2	4.05	106	4.92	120	5.61	134	6.33	149	7.08	158	7.59	172	8.37								
	70	87.2	4.13	106	5.02	120	5.73	134	6.47	149	7.23	158	7.79	172	8.78								
	72	87.2	4.17	106	5.07	120	5.79	134	6.54	149	7.44	158	8.09	172	9.13								
	75	87.2	4.23	106	5.15	120	5.96	134	6.88	149	7.86	158	8.56	172	9.66								
	79	87.2	4.37	106	5.48	120	6.40	134	7.39	149	8.46	158	9.21	172	10.4								
	83	87.2	4.67	106	5.87	120	6.86	134	7.93	149	9.08	158	9.90	172	11.2								
	87	87.2	4.98	106	6.27	120	7.34	134	8.50	149	9.75	158	10.6	172	12.0								
	91	87.2	5.31	106	6.70	120	7.86	134	9.11	149	10.5	158	11.4	172	12.9								
	93	87.2	5.49	106	6.93	120	8.13	134	9.42	149	10.8	158	11.8	172	13.4								
	95	87.2	5.66	106	7.16	120	8.40	134	9.75	149	11.2	158	12.2	172	13.8								
	99	87.2	6.03	106	7.64	120	8.98	134	10.4	149	12.0	158	13.1	172	14.9								
	103	87.2	6.42	106	8.15	120	9.59	134	11.2	149	12.8	158	14.0	172	15.9								
60	50	74.8	3.30	90.9	3.93	103	4.44	115	4.96	127	5.51	135	5.89	148	6.47								
	54	74.8	3.35	90.9	4.00	103	4.52	115	5.06	127	5.62	135	6.01	148	6.60								
	58	74.8	3.40	90.9	4.07	103	4.60	115	5.15	127	5.73	135	6.13	148	6.74								
	62	74.8	3.46	90.9	4.14	103	4.69	115	5.26	127	5.85	135	6.25	148	6.88								
	66	74.8	3.52	90.9	4.22	103	4.78	115	5.36	127	5.97	135	6.38	148	7.02								
	70	74.8	3.58	90.9	4.30	103	4.87	115	5.47	127	6.10	135	6.52	148	7.18								
	72	74.8	3.61	90.9	4.34	103	4.92	115	5.53	127	6.16	135	6.59	148	7.37								
	75	74.8	3.66	90.9	4.41	103	5.00	115	5.65	127	6.41	135	6.95	148	7.79								
	79	74.8	3.73	90.9	4.58	103	5.29	115	6.06	127	6.89	135	7.46	148	8.38								
	83	74.8	3.96	90.9	4.89	103	5.67	115	6.50	127	7.38	135	8.01	148	9.00								
	87	74.8	4.22	90.9	5.23	103	6.06	115	6.95	127	7.91	135	8.59	148	9.66								
	91	74.8	4.49	90.9	5.57	103	6.47	115	7.44	127	8.47	135	9.20	148	10.4								
	93	74.8	4.63	90.9	5.76	103	6.68	115	7.69	127	8.76	135	9.52	148	10.7								
	95	74.8	4.77	90.9	5.94	103	6.91	115	7.95	127	9.06	135	9.85	148	11.1								
	99	74.8	5.07	90.9	6.33	103	7.37	115	8.49	127	9.69	135	10.5	148	11.9								
	103	74.8	5.39	90.9	6.74	103	7.86	115	9.06	127	10.4	135	11.3	148	12.7								
50	50	62.3	2.85	75.8	3.34	85.9	3.73	96.0	4.14	106	4.57	113	4.86	123	5.31								
	54	62.3	2.89	75.8	3.39	85.9	3.79	96.0	4.21	106	4.65	113	4.95	123	5.41								
	58	62.3	2.93	75.8	3.45	85.9	3.86	96.0	4.29	106	4.74	113	5.05	123	5.52								
	62	62.3	2.97	75.8	3.50	85.9	3.93	96.0	4.37	106	4.83	113	5.14	123	5.63								
	66	62.3	3.02	75.8	3.56	85.9	4.00	96.0	4.45	106	4.92	113	5.25	123	5.75								
	70	62.3	3.06	75.8	3.62	85.9	4.07	96.0	4.54	106	5.02	113	5.35	123	5.87								
	72	62.3	3.09	75.8	3.66	85.9	4.11	96.0	4.58	106	5.07	113	5.41	123	5.93								
	75	62.3	3.13	75.8	3.71	85.9	4.17	96.0	4.65	106	5.15	113	5.51	123	6.13								
	79	62.3	3.18	75.8	3.77	85.9	4.30	96.0	4.87	106	5.48	113	5.91	123	6.58								
	83	62.3	3.31	75.8	4.02	85.9	4.59	96.0	5.21	106	5.87	113	6.33	123	7.06								
	87	62.3	3.52	75.8	4.28	85.9	4.90	96.0	5.57	106	6.28	113	6.77	123	7.56								
	91	62.3	3.74	75.8	4.55	85.9	5.22	96.0	5.94	106	6.71	113	7.24	123	8.09								
	93	62.3	3.85	75.8	4.70	85.9	5.39	96.0	6.13	106	6.93	113	7.49	123	8.37								
	95	62.3	3.97	75.8	4.84	85.9	5.56	96.0	6.34	106	7.16	113	7.74	123	8.65								
	99	62.3	4.21	75.8	5.15	85.9	5.92	96.0	6.75	106	7.64	113	8.27	123	9.25								
	103	62.3	4.46	75.8	5.47	85.9	6.30	96.0	7.20	106	8.15	113	8.82	123	9.88								

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.

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	50	182	8.59	222	10.7	251	12.4	272	12.9	278	13.1	281	13.1	287	13.1
	54	182	8.76	222	11.0	251	12.7	268	13.2	274	13.4	277	13.4	283	13.4
	58	182	8.95	222	11.2	251	13.0	264	13.4	270	13.5	273	13.5	279	13.5
	62	182	9.14	222	11.4	251	13.2	260	13.5	266	13.5	270	13.4	275	13.1
	66	182	9.34	222	11.8	251	14.2	256	14.3	262	14.4	266	14.5	271	14.6
	70	182	9.65	222	12.8	247	14.9	253	15.1	258	15.2	262	15.3	267	15.4
	72	182	10.0	222	13.3	245	15.3	251	15.4	256	15.6	260	15.7	265	15.8
	75	182	10.6	222	14.1	242	15.9	248	16.0	253	16.2	257	16.2	262	16.4
	79	182	11.4	222	15.2	238	16.6	244	16.8	249	16.9	253	17.0	259	17.2
	83	182	12.3	222	16.3	234	17.4	240	17.6	245	17.7	249	17.8	255	18.0
	87	182	13.2	222	17.6	230	18.2	236	18.3	241	18.5	245	18.6	251	18.8
	91	182	14.1	221	18.8	226	18.9	232	19.1	238	19.3	241	19.4	247	19.6
	93	182	14.6	219	19.2	225	19.3	230	19.5	236	19.7	239	19.8	245	20.0
	95	182	15.2	217	19.5	223	19.7	228	19.9	234	20.1	237	20.2	243	20.4
	99	182	16.2	213	20.3	219	20.5	224	20.7	230	20.9	233	21.0	239	21.2
	103	182	17.4	209	21.1	215	21.3	220	21.5	226	21.7	230	21.8	235	22.0
120	50	168	7.85	205	9.80	232	11.3	259	12.9	273	13.1	277	13.1	282	13.1
	54	168	8.01	205	10.0	232	11.6	259	13.2	269	13.4	273	13.4	278	13.4
	58	168	8.18	205	10.2	232	11.8	259	13.4	265	13.5	269	13.5	274	13.5
	62	168	8.35	205	10.4	232	12.1	256	13.5	261	13.5	265	13.4	270	13.1
	66	168	8.53	205	10.7	232	12.6	252	14.2	257	14.3	261	14.4	266	14.5
	70	168	8.72	205	11.4	232	13.7	248	15.0	254	15.1	257	15.2	262	15.3
	72	168	8.98	205	11.8	232	14.2	247	15.4	252	15.5	255	15.6	260	15.7
	75	168	9.49	205	12.5	232	15.0	244	15.9	249	16.0	252	16.1	257	16.3
	79	168	10.2	205	13.5	232	16.2	240	16.7	245	16.8	248	16.9	253	17.0
	83	168	11.0	205	14.5	231	17.3	236	17.5	241	17.6	244	17.7	249	17.8
	87	168	11.8	205	15.6	227	18.1	232	18.2	237	18.4	240	18.5	246	18.6
	91	168	12.6	205	16.7	223	18.8	228	19.0	233	19.1	237	19.3	242	19.4
	93	168	13.1	205	17.3	221	19.2	226	19.4	231	19.5	235	19.6	240	19.8
	95	168	13.5	205	18.0	219	19.6	224	19.8	229	19.9	233	20.0	238	20.2
	99	168	14.5	205	19.3	215	20.4	220	20.5	225	20.7	229	20.8	234	21.0
	103	168	15.5	205	20.7	211	21.1	216	21.3	221	21.5	225	21.6	230	21.8
110	50	154	7.14	188	8.87	213	10.2	238	11.6	263	13.1	272	12.6	276	12.6
	54	154	7.28	188	9.06	213	10.5	238	11.9	263	13.4	268	12.8	273	12.8
	58	154	7.43	188	9.25	213	10.7	238	12.1	261	13.5	264	13.1	269	13.1
	62	154	7.58	188	9.44	213	10.9	238	12.4	257	13.5	260	13.4	265	13.1
	66	154	7.74	188	9.65	213	11.2	238	13.1	253	14.2	256	14.3	261	14.4
	70	154	7.91	188	10.0	213	12.0	238	14.2	249	15.0	252	15.1	257	15.2
	72	154	7.99	188	10.4	213	12.5	238	14.7	247	15.4	250	15.4	255	15.6
	75	154	8.44	188	11.0	213	13.2	238	15.6	244	15.9	247	16.0	252	16.1
	79	154	9.07	188	11.9	213	14.2	236	16.6	240	16.7	243	16.8	248	16.9
	83	154	9.74	188	12.8	213	15.3	232	17.3	236	17.5	240	17.6	244	17.7
	87	154	10.4	188	13.7	213	16.5	228	18.1	233	18.2	236	18.3	240	18.5
	91	154	11.2	188	14.7	213	17.7	224	18.9	229	19.0	232	19.1	236	19.3
	93	154	11.6	188	15.3	213	18.4	222	19.2	227	19.4	230	19.5	234	19.6
	95	154	12.0	188	15.8	213	19.0	220	19.6	225	19.8	228	19.9	233	20.0
	99	154	12.8	188	16.9	211	20.2	216	20.4	221	20.6	224	20.7	229	20.8
	103	154	13.7	188	18.2	208	21.0	212	21.2	217	21.4	220	21.5	225	21.6
100	50	140	6.45	170	7.97	193	9.18	216	10.4	239	11.7	254	12.6	271	12.6
	54	140	6.57	170	8.13	193	9.37	216	10.6	239	12.0	254	12.8	267	12.8
	58	140	6.70	170	8.30	193	9.57	216	10.9	239	12.2	254	13.1	263	13.1
	62	140	6.83	170	8.48	193	9.77	216	11.1	239	12.5	254	13.4	260	13.1
	66	140	6.97	170	8.66	193	9.99	216	11.4	239	13.2	251	14.2	256	14.3
	70	140	7.12	170	8.85	193	10.5	216	12.3	239	14.3	247	15.0	252	15.1
	72	140	7.20	170	9.14	193	10.9	216	12.8	239	14.8	246	15.3	250	15.4
	75	140	7.46	170	9.67	193	11.5	216	13.5	239	15.7	243	15.9	247	16.0
	79	140	8.01	170	10.4	193	12.4	216	14.6	236	16.6	239	16.7	243	16.8
	83	140	8.59	170	11.2	193	13.3	216	15.7	232	17.3	235	17.4	239	17.5
	87	140	9.20	170	12.0	193	14.3	216	16.9	228	18.1	231	18.2	235	18.3
	91	140	9.85	170	12.9	193	15.4	216	18.2	224	18.9	227	19.0	231	19.1
	93	140	10.2	170	13.3	193	15.9	216	18.8	222	19.3	225	19.3	229	19.5
	95	140	10.5	170	13.8	193	16.5	216	19.5	220	19.6	223	19.7	227	19.9
	99	140	11.3	170	14.8	193	17.7	212	20.3	216	20.4	219	20.5	223	20.7
	103	140	12.0	170	15.8	193	19.0	208	21.0	212	21.2	215	21.3	220	21.4

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.

Cooling capacity

Combi-nation	Outdoor air temp.	Indoor air temp. F°WB													
		57		61		64		67		70		72		75	
		TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
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	6.00	153	7.39	174	8.49	194	9.63	215	10.8	229	11.6	249	12.8
	62	126	6.11	153	7.54	174	8.67	194	9.84	215	11.0	229	11.9	249	13.1
	66	126	6.23	153	7.70	174	8.86	194	10.1	215	11.3	229	12.3	249	14.0
	70	126	6.36	153	7.86	174	9.05	194	10.6	215	12.2	229	13.4	247	14.9
	72	126	6.43	153	7.95	174	9.40	194	11.0	215	12.7	229	13.9	245	15.3
	75	126	6.54	153	8.39	174	9.93	194	11.6	215	13.4	229	14.7	242	15.9
	79	126	7.01	153	9.01	174	10.7	194	12.5	215	14.5	229	15.9	238	16.6
	83	126	7.51	153	9.68	174	11.5	194	13.5	215	15.6	229	17.1	234	17.4
	87	126	8.04	153	10.4	174	12.3	194	14.5	215	16.8	226	18.1	230	18.2
	91	126	8.59	153	11.1	174	13.2	194	15.5	215	18.0	222	18.8	226	18.9
	93	126	8.88	153	11.5	174	13.7	194	16.1	215	18.7	220	19.2	224	19.3
	95	126	9.18	153	11.9	174	14.2	194	16.7	215	19.3	218	19.6	222	19.7
	99	126	9.81	153	12.7	174	15.2	194	17.9	212	20.3	214	20.3	218	20.5
	103	126	10.5	153	13.6	174	16.3	194	19.2	208	21.0	211	21.1	214	21.3
80	50	112	5.14	136	6.26	155	7.16	173	8.09	191	9.06	203	9.72	221	10.7
	54	112	5.23	136	6.38	155	7.30	173	8.26	191	9.25	203	9.92	221	11.0
	58	112	5.32	136	6.51	155	7.45	173	8.43	191	9.44	203	10.1	221	11.2
	62	112	5.42	136	6.64	155	7.60	173	8.61	191	9.64	203	10.4	221	11.4
	66	112	5.53	136	6.77	155	7.76	173	8.79	191	9.86	203	10.6	221	11.8
	70	112	5.63	136	6.91	155	7.93	173	8.99	191	10.3	203	11.2	221	12.7
	72	112	5.69	136	6.99	155	8.02	173	9.31	191	10.7	203	11.7	221	13.2
	75	112	5.78	136	7.21	155	8.47	173	9.85	191	11.3	203	12.4	221	14.0
	79	112	6.09	136	7.73	155	9.11	173	10.6	191	12.2	203	13.3	221	15.1
	83	112	6.51	136	8.29	155	9.77	173	11.4	191	13.1	203	14.3	221	16.3
	87	112	6.96	136	8.88	155	10.5	173	12.2	191	14.1	203	15.4	221	17.5
	91	112	7.43	136	9.50	155	11.2	173	13.1	191	15.1	203	16.6	221	18.8
	93	112	7.68	136	9.83	155	11.6	173	13.6	191	15.7	203	17.2	219	19.2
	95	112	7.93	136	10.2	155	12.0	173	14.0	191	16.2	203	17.8	217	19.5
	99	112	8.46	136	10.9	155	12.9	173	15.0	191	17.4	203	19.1	213	20.3
	103	112	9.01	136	11.6	155	13.8	173	16.1	191	18.7	203	20.5	209	21.1
70	50	98.1	4.53	119	5.46	135	6.21	151	6.99	167	7.80	178	8.35	194	9.20
	54	98.1	4.60	119	5.56	135	6.33	151	7.13	167	7.95	178	8.52	194	9.39
	58	98.1	4.68	119	5.67	135	6.45	151	7.27	167	8.12	178	8.70	194	9.59
	62	98.1	4.76	119	5.77	135	6.58	151	7.42	167	8.29	178	8.88	194	9.80
	66	98.1	4.85	119	5.89	135	6.71	151	7.57	167	8.47	178	9.08	194	10.0
	70	98.1	4.94	119	6.01	135	6.85	151	7.74	167	8.65	178	9.32	194	10.5
	72	98.1	4.99	119	6.07	135	6.93	151	7.82	167	8.90	178	9.68	194	10.9
	75	98.1	5.06	119	6.16	135	7.13	151	8.23	167	9.41	178	10.2	194	11.6
	79	98.1	5.23	119	6.56	135	7.65	151	8.84	167	10.1	178	11.0	194	12.4
	83	98.1	5.59	119	7.02	135	8.20	151	9.49	167	10.9	178	11.8	194	13.4
	87	98.1	5.96	119	7.51	135	8.79	151	10.2	167	11.7	178	12.7	194	14.4
	91	98.1	6.36	119	8.02	135	9.40	151	10.9	167	12.5	178	13.6	194	15.4
	93	98.1	6.56	119	8.29	135	9.72	151	11.3	167	12.9	178	14.1	194	16.0
	95	98.1	6.77	119	8.56	135	10.1	151	11.7	167	13.4	178	14.6	194	16.6
	99	98.1	7.21	119	9.14	135	10.7	151	12.5	167	14.3	178	15.7	194	17.8
	103	98.1	7.68	119	9.75	135	11.5	151	13.3	167	15.4	178	16.8	194	19.1
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	7.18	166	7.90
	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	4.28	102	5.14	116	5.83	130	6.55	143	7.29	152	7.80	166	8.59
	72	84.1	4.32	102	5.19	116	5.89	130	6.62	143	7.37	152	7.89	166	8.82
	75	84.1	4.38	102	5.27	116	5.98	130	6.76	143	7.67	152	8.31	166	9.32
	79	84.1	4.46	102	5.48	116	6.33	130	7.25	143	8.24	152	8.93	166	10.0
	83	84.1	4.74	102	5.86	116	6.78	130	7.77	143	8.83	152	9.58	166	10.8
	87	84.1	5.05	102	6.25	116	7.25	130	8.32	143	9.47	152	10.3	166	11.6
	91	84.1	5.37	102	6.67	116	7.74	130	8.90	143	10.1	152	11.0	166	12.4
	93	84.1	5.54	102	6.89	116	8.00	130	9.20	143	10.5	152	11.4	166	12.8
	95	84.1	5.71	102	7.11	116	8.26	130	9.51	143	10.8	152	11.8	166	13.3
	99	84.1	6.07	102	7.57	116	8.81	130	10.2	143	11.6	152	12.6	166	14.2
	103	84.1	6.45	102	8.06	116	9.40	130	10.8	143	12.4	152	13.5	166	15.2
50	50	70.1	3.40	85.2	3.99	96.6	4.46	108	4.95	119	5.46	127	5.82	138	6.36
	54	70.1	3.45	85.2	4.06	96.6	4.54	108	5.04	119	5.56	127	5.92	138	6.48
	58	70.1	3.50	85.2	4.12	96.6	4.61	108	5.13	119	5.67	127	6.04	138	6.60
	62	70.1	3.55	85.2	4.19	96.6	4.70	108	5.22	119	5.78	127	6.15	138	6.74
	66	70.1	3.61	85.2	4.26	96.6	4.78	108	5.32	119	5.89	127	6.28	138	6.88
	70	70.1	3.67	85.2	4.34	96.6	4.87	108	5.43	119	6.01	127	6.41	138	7.02
	72	70.1	3.69	85.2	4.37	96.6	4.91	108	5.48	119	6.07	127	6.47	138	7.10
	75	70.1	3.74	85.2	4.43	96.6	4.99	108	5.56	119	6.16	127	6.59	138	7.34
	79	70.1	3.80	85.2	4.52	96.6	5.14	108	5.83	119	6.56	127	7.07	138	7.87
	83	70.1	3.96	85.2	4.80	96.6	5.49	108	6.23	119	7.02	127	7.57	138	8.44
	87	70.1	4.21	85.2	5.12	96.6	5.86	108	6.66	119	7.51	127	8.10	138	9.04
	91	70.1	4.47	85.2	5.45	96.6	6.25	108	7.11	119	8.02	127	8.67	138	9.68
	93	70.1	4.61	85.2	5.62	96.6	6.45	108	7.34	119	8.29	127	8.96	138	10.0
	95	70.1	4.75	85.2	5.80	96.6	6.66	108	7.58	119	8.57	127	9.26	138	10.4
	99	70.1	5.03	85.2	6.16	96.6	7.09	108	8.08	119	9.14	127	9.89	138	11.1
	103	70.1	5.34	85.2	6.55	96.6	7.54	108	8.61	119	9.75	127	10.6	138	11.8

RXYQ240PYDN

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB 57 TC (MBH)	57 PI (kW)	61 TC (MBH)	61 PI (kW)	64 TC (MBH)	64 PI (kW)	67 TC (MBH)	67 PI (kW)	70 TC (MBH)	70 PI (kW)	72 TC (MBH)	72 PI (kW)	75 TC (MBH)	75 PI (kW)
130	50	202	9.60	246	12.0	279	13.9	302	14.4	308	14.6	313	14.6	319	14.6
	54	202	9.80	246	12.3	279	14.2	298	14.7	304	14.9	308	14.9	314	14.9
	58	202	10.0	246	12.5	279	14.5	294	15.0	300	15.1	304	15.1	310	15.1
	62	202	10.2	246	12.8	279	14.8	289	15.1	295	15.1	300	15.0	306	14.6
	66	202	10.4	246	13.2	279	15.9	285	16.0	291	16.1	295	16.2	301	16.3
	70	202	10.8	246	14.3	274	16.7	281	16.8	287	17.0	291	17.1	297	17.2
	72	202	11.2	246	14.8	272	17.1	278	17.3	285	17.4	289	17.5	295	17.6
	75	202	11.8	246	15.7	269	17.8	275	17.9	281	18.1	285	18.2	292	18.3
	79	202	12.8	246	16.9	265	18.6	271	18.8	277	18.9	281	19.0	287	19.2
	83	202	13.7	246	18.2	260	19.5	266	19.6	273	19.9	277	19.8	283	20.1
	87	202	14.7	246	19.6	256	20.3	262	20.5	268	20.7	272	20.8	279	21.0
	91	202	15.8	246	21.0	252	21.2	258	21.4	264	21.6	268	21.7	274	21.9
	93	202	16.4	243	21.6	249	21.6	256	21.8	262	22.0	266	22.1	272	22.3
	95	202	16.9	241	21.8	247	22.0	253	22.2	260	22.4	264	22.6	270	22.8
	99	202	18.2	237	22.7	243	22.9	249	23.1	255	23.5	259	23.5	266	23.7
	103	202	19.5	232	23.6	239	23.8	245	24.0	251	24.2	255	24.4	261	24.6
120	50	187	8.78	227	11.0	258	12.7	288	14.4	303	14.6	307	14.6	313	14.6
	54	187	8.96	227	11.2	258	12.9	288	14.7	299	14.9	303	14.9	309	14.9
	58	187	9.14	227	11.4	258	13.2	288	15.0	295	15.1	299	15.1	304	15.0
	62	187	9.33	227	11.7	258	13.5	285	15.1	290	15.1	294	15.0	300	14.6
	66	187	9.53	227	11.9	258	14.1	280	15.9	286	16.0	290	16.1	296	16.2
	70	187	9.74	227	12.7	258	15.3	276	16.7	282	16.9	286	17.0	291	17.1
	72	187	10.0	227	13.2	258	15.9	274	17.2	280	17.3	283	17.4	289	17.5
	75	187	10.6	227	14.0	258	16.8	271	17.8	276	17.9	280	18.0	286	18.2
	79	187	11.4	227	15.1	258	18.1	266	18.7	272	18.8	276	18.9	281	19.0
	83	187	12.3	227	16.2	256	19.4	262	19.5	268	19.7	271	19.8	277	19.9
	87	187	13.2	227	17.4	252	20.2	258	20.4	263	20.5	267	20.6	273	20.8
	91	187	14.1	227	18.7	248	21.1	253	21.2	259	21.4	263	21.5	268	21.7
	93	187	14.6	227	19.4	245	21.5	251	21.7	257	21.8	261	22.0	266	22.1
	95	187	15.1	227	20.1	243	21.9	249	22.1	255	22.3	258	22.4	264	22.6
	99	187	16.2	227	21.6	239	22.8	245	23.0	250	23.2	254	23.3	260	23.5
	103	187	17.3	227	23.1	235	23.6	240	23.8	246	24.1	250	24.2	255	24.4
110	50	171	7.98	208	9.92	236	11.4	264	13.0	292	14.6	302	14.1	307	14.1
	54	171	8.14	208	10.1	236	11.7	264	13.3	292	14.9	298	14.4	303	14.4
	58	171	8.30	208	10.3	236	11.9	264	13.6	290	15.1	293	14.7	298	14.7
	62	171	8.47	208	10.6	236	12.2	264	13.9	285	15.1	289	15.0	294	14.6
	66	171	8.65	208	10.8	236	12.5	264	14.6	281	15.9	285	16.0	290	16.1
	70	171	8.84	208	11.2	236	13.4	264	15.8	277	16.8	280	16.8	285	17.0
	72	171	8.94	208	11.7	236	14.0	264	16.5	275	17.2	278	17.3	283	17.4
	75	171	9.44	208	12.3	236	14.8	264	17.4	271	17.8	275	17.9	280	18.0
	79	171	10.1	208	13.3	236	15.9	262	18.5	267	18.7	271	18.8	276	18.9
	83	171	10.9	208	14.3	236	17.1	258	19.4	263	19.5	266	19.6	271	19.8
	87	171	11.7	208	15.3	236	18.4	253	20.2	258	20.4	262	20.5	267	20.6
	91	171	12.5	208	16.5	236	19.8	249	21.1	254	21.3	258	21.4	263	21.5
	93	171	12.9	208	17.1	236	20.5	247	21.5	252	21.7	255	21.8	261	22.0
	95	171	13.4	208	17.7	236	21.3	244	21.9	250	22.1	253	22.2	258	22.4
	99	171	14.3	208	18.9	235	22.6	240	22.8	245	23.0	249	23.1	254	23.3
	103	171	15.3	208	20.3	231	23.5	236	23.7	241	23.9	244	24.0	250	24.2
100	50	156	7.21	189	8.91	215	10.3	240	11.7	265	13.1	282	14.1	301	14.1
	54	156	7.34	189	9.09	215	10.5	240	11.9	265	13.4	282	14.4	297	14.4
	58	156	7.49	189	9.28	215	10.7	240	12.2	265	13.7	282	14.7	293	14.7
	62	156	7.64	189	9.48	215	10.9	240	12.4	265	14.0	282	15.0	284	15.0
	66	156	7.80	189	9.68	215	11.2	240	12.7	265	14.7	279	15.9	284	16.0
	70	156	7.96	189	9.90	215	11.7	240	13.7	265	15.9	275	16.7	280	16.8
	72	156	8.05	189	10.2	215	12.2	240	14.3	265	16.6	273	17.1	278	17.3
	75	156	8.34	189	10.8	215	12.9	240	15.1	265	17.6	270	17.8	274	17.9
	79	156	8.95	189	11.6	215	13.9	240	16.3	262	18.5	265	18.6	270	18.7
	83	156	9.60	189	12.5	215	14.9	240	17.6	258	19.4	261	19.5	266	19.6
	87	156	10.3	189	13.4	215	16.0	240	18.9	253	20.2	257	20.3	261	20.5
	91	156	11.0	189	14.4	215	17.2	240	20.3	249	21.1	252	21.2	257	21.3
	93	156	11.4	189	14.9	215	17.8	240	21.0	247	21.5	250	21.6	255	21.8
	95	156	11.8	189	15.4	215	18.5	240	21.8	245	22.0	248	22.1	253	22.2
	99	156	12.6	189	16.5	215	19.8	236	22.7	240	22.8	244	22.9	248	23.1
	103	156	13.5	189	17.7	215	21.2	231	23.5	236	23.7	239	23.8	244	24.0

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.

Cooling capacity

Combination (%)	Outdoor air temp. (F°DB)	Indoor air temp. F°WB 57 TC (MBH)	57 PI (kW)	61 TC (MBH)	61 PI (kW)	64 TC (MBH)	64 PI (kW)	67 TC (MBH)	67 PI (kW)	70 TC (MBH)	70 PI (kW)	72 TC (MBH)	72 PI (kW)	75 TC (MBH)	75 PI (kW)
90	50	140	6.46	170	7.94	193	9.11	216	10.3	239	11.6	254	12.4	277	13.7
	54	140	6.58	170	8.09	193	9.30	216	10.5	239	11.8	254	12.7	277	14.0
	58	140	6.70	170	8.26	193	9.49	216	10.8	239	12.1	254	13.0	277	14.3
	62	140	6.83	170	8.43	193	9.69	216	11.0	239	12.3	254	13.3	277	14.6
	66	140	6.97	170	8.61	193	9.90	216	11.2	239	12.6	254	13.8	277	15.7
	70	140	7.11	170	8.79	193	10.1	216	11.8	239	13.6	254	14.9	274	16.7
	72	140	7.19	170	8.89	193	10.5	216	12.3	239	14.2	254	15.5	272	17.1
	75	140	7.31	170	9.38	193	11.1	216	13.0	239	15.0	254	16.4	269	17.8
	79	140	7.84	170	10.1	193	11.9	216	14.0	239	16.2	254	17.7	264	18.6
	83	140	8.40	170	10.8	193	12.8	216	15.0	239	17.4	254	19.1	260	19.5
	87	140	8.99	170	11.6	193	13.8	216	16.2	239	18.7	251	20.2	256	20.3
	91	140	9.61	170	12.4	193	14.8	216	17.4	239	20.1	247	21.0	251	21.2
	93	140	9.93	170	12.9	193	15.3	216	18.0	239	20.9	245	21.5	249	21.6
	95	140	10.3	170	13.3	193	15.8	216	18.6	239	21.6	243	22.1	247	22.0
	99	140	11.0	170	14.2	193	17.0	216	20.0	235	22.6	238	22.7	243	22.9
	103	140	11.7	170	15.2	193	18.2	216	21.4	231	23.5	234	23.6	238	23.8
80	50	125	5.74	152	7.00	172	8.00	192	9.05	212	10.1	226	10.9	246	12.0
	54	125	5.84	152	7.14	172	8.16	192	9.23	212	10.3	226	11.1	246	12.2
	58	125	5.95	152	7.27	172	8.33	192	9.42	212	10.6	226	11.3	246	12.5
	62	125	6.06	152	7.42	172	8.50	192	9.62	212	10.8	226	11.6	246	12.8
	66	125	6.18	152	7.57	172	8.68	192	9.83	212	11.0	226	11.8	246	13.2
	70	125	6.30	152	7.73	172	8.87	192	10.0	212	11.5	226	12.6	246	14.2
	72	125	6.36	152	7.81	172	8.97	192	10.4	212	12.0	226	13.1	246	14.8
	75	125	6.46	152	8.06	172	9.47	192	11.0	212	12.7	226	13.8	246	15.7
	79	125	6.81	152	8.65	172	10.2	192	11.8	212	13.6	226	14.9	246	16.9
	83	125	7.28	152	9.27	172	10.9	192	12.7	212	14.7	226	16.0	246	18.2
	87	125	7.78	152	9.93	172	11.7	192	13.7	212	15.8	226	17.2	246	19.6
	91	125	8.31	152	10.6	172	12.6	192	14.7	212	16.9	226	18.5	245	21.0
	93	125	8.58	152	11.0	172	13.0	192	15.2	212	17.5	226	19.2	243	21.4
	95	125	8.87	152	11.4	172	13.4	192	15.7	212	18.1	226	19.9	241	21.8
	99	125	9.45	152	12.1	172	14.4	192	16.8	212	19.5	226	21.3	237	22.7
	103	125	10.1	152	13.0	172	15.4	192	18.0	212	20.9	226	22.9	232	23.6
70	50	109	5.06	133	6.11	150	6.94	168	7.81	186	8.72	197	9.34	215	10.3
	54	109	5.14	133	6.22	150	7.07	168	7.97	186	8.89	197	9.53	215	10.5
	58	109	5.23	133	6.33	150	7.21	168	8.13	186	9.08	197	9.73	215	10.7
	62	109	5.33	133	6.46	150	7.35	168	8.29	186	9.27	197	9.93	215	11.0
	66	109	5.42	133	6.58	150	7.50	168	8.47	186	9.47	197	10.1	215	11.2
	70	109	5.52	133	6.71	150	7.66	168	8.65	186	9.67	197	10.4	215	11.7
	72	109	5.58	133	6.78	150	7.74	168	8.74	186	9.95	197	10.8	215	12.2
	75	109	5.66	133	6.89	150	7.97	168	9.20	186	10.5	197	11.4	215	12.9
	79	109	5.85	133	7.33	150	8.56	168	9.88	186	11.3	197	12.1	215	13.9
	83	109	6.25	133	7.85	150	9.17	168	10.6	186	12.1	197	13.2	215	15.0
	87	109	6.67	133	8.39	150	9.82	168	11.4	186	13.0	197	14.2	215	16.1
	91	109	7.11	133	8.97	150	10.5	168	12.2	186	14.0	197	15.2	215	17.3
	93	109	7.34	133	9.27	150	10.9	168	12.6	186	14.5	197	15.8	215	17.9
	95	109	7.57	133	9.57	150	11.2	168	13.0	186	15.0	197	16.3	215	18.5
	99	109	8.06	133	10.2	150	12.0	168	13.9	186	16.0	197	17.5	215	19.9
	103	109	8.58	133	10.9	150	12.8	168	14.9	186	17.2	197	18.8	215	21.3
60	50	93.4	4.41	114	5.26	129	5.93	144	6.64	159	7.37	169	7.88	184	8.65
	54	93.4	4.48	114	5.35	129	6.04	144	6.76	159	7.52	169	8.03	184	8.83
	58	93.4	4.55	114	5.44	129	6.15	144	6.89	159	7.66	169	8.19	184	9.01
	62	93.4	4.63	114	5.54	129	6.27	144	7.03	159	7.82	169	8.36	184	9.20
	66	93.4	4.71	114	5.64	129	6.39	144	7.17	159	7.98	169	8.54	184	9.39
	70	93.4	4.79	114	5.75	129	6.52	144	7.32	159	8.15	169	8.72	184	9.60
	72	93.4	4.83	114	5.81	129	6.58	144	7.40	159	8.24	169	8.82	184	9.86
	75	93.4	4.90	114	5.89	129	6.68	144	7.56	159	8.57	169	9.29	184	10.4
	79	93.4	4.99	114	6.13	129	7.08	144	8.11	159	9.21	169	9.98	184	11.2
	83	93.4	5.30	114	6.55	129	7.58	144	8.69	159	9.88	169	10.7	184	12.0
	87	93.4	5.64	114	6.99	129	8.10	144	9.30	159	10.6	169	11.5	184	12.9
	91	93.4	6.00	114	7.46	129	8.65	144	9.94	159	11.3	169	12.3	184	13.8
	93	93.4	6.19	114	7.70	129	8.94	144	10.3	159	11.7	169	12.7	184	14.3
	95	93.4	6.39	114	7.95	129	9.24	144	10.6	159	12.1	169	13.2	184	14.8
	99	93.4	6.79	114	8.47	129	9.85	144	11.4	159	13.0	169	14.1	184	15.9
	103	93.4	7.21	114	9.01	129	10.5	144	12.1	159	13.9	169	15.1	184	17.0
50	50	77.9	3.81	94.7	4.47	107	4.99	120	5.54	133	6.11	141	6.50	154	7.11
	54	77.9	3.86	94.7	4.54	107	5.07	120	5.63	133	6.22	141	6.62	154	7.24
	58	77.9	3.91	94.7	4.61	107	5.16	120	5.74	133	6.34	141	6.75	154	7.38
	62	77.9	3.97	94.7	4.68	107	5.25	120	5.84	133	6.46	141	6.88	154	7.53
	66	77.9	4.03	94.7	4.76	107	5.34	120	5.95	133	6.58	141	7.02	154	7.69
	70	77.9	4.10	94.7	4.85	107	5.44	120	6.07	133	6.72	141	7.16	154	7.85
	72	77.9	4.13	94.7	4.89	107	5.49	120	6.13	133	6.78	141	7.24	154	7.93
	75	77.9	4.18	94.7	4.96	107	5.57	120	6.22	133	6.89	141	7.37	154	8.20
	79	77.9	4.25	94.7	5.05	107	5.75	120	6.52	133	7.33	141	7.90	154	8.80
	83	77.9	4.43	94.7	5.37	107	6.14	120	6.97	133	7.85	141	8.47	154	9.44
	87	77.9	4.71	94.7	5.72	107	6.55	120	7.44	133	8.39	141	9.06	154	10.1
	91	77.9	5.00	94.7	6.09	107	6.99	120	7.94	133	8.97	141	9.69	154	10.8
	93	77.9	5.15	94.7	6.28	107	7.21	120	8.20	133	9.27	141	10.0	154	11.2
	95	77.9	5.31	94.7	6.48	107	7.44	120	8.47	133	9.58	141	10.4	154	11.6
	99	77.9	5.63	94.7	6.89	107	7.92	120	9.03	133	10.2	141	11.1	154	12.4
	103	77.9	5.97	94.7	7.32	107	8.43	120	9.62	133	10.9	141	11.8	154	13.2

8.2 Heating Capacity (RXYQ-PYDN)

RXYQ72PYDN

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	57.2	6.18	57.0	6.44	56.9	6.64	56.8	6.78	56.7	6.91	56.6	7.11
	-1.84	-2.2	58.9	6.31	58.7	6.57	58.6	6.76	58.5	6.89	58.4	7.02	58.3	7.22
	5.5	5.0	65.8	6.76	65.6	7.00	65.5	7.17	65.4	7.29	65.3	7.40	65.2	7.58
	9.5	8.5	69.1	6.95	69.0	7.18	68.8	7.34	68.7	7.45	68.7	7.56	68.5	7.73
	13.0	12.0	72.5	7.13	72.3	7.34	72.2	7.49	72.1	7.60	72.0	7.71	71.9	7.86
	15.0	14.0	74.4	7.22	74.2	7.42	74.1	7.58	74.0	7.68	73.9	7.78	73.5	7.89
	17.0	15.5	75.8	7.28	75.6	7.48	75.5	7.64	75.4	7.74	75.3	7.84	73.5	7.70
	19.0	18.0	78.2	7.39	78.0	7.58	77.9	7.73	77.8	7.83	77.7	7.92	73.5	7.40
	22.0	20.0	80.1	7.47	79.9	7.66	79.8	7.80	79.7	7.89	78.0	7.73	73.5	7.17
	26.0	24.0	83.9	7.61	83.8	7.80	83.6	7.93	81.0	7.63	78.0	7.28	73.5	6.77
	30.0	28.0	87.8	7.75	87.6	7.92	84.0	7.55	81.0	7.21	78.0	6.88	73.5	6.40
	35.0	32.0	91.6	7.87	88.5	7.63	84.0	7.15	81.0	6.84	78.0	6.53	73.5	6.08
	39.0	36.0	94.5	7.87	88.5	7.25	84.0	6.80	81.0	6.50	78.0	6.21	73.5	5.78
	44.0	40.0	94.5	7.48	88.5	6.90	84.0	6.47	81.0	6.20	78.0	5.92	73.5	5.52
	47.0	43.0	94.5	7.22	88.5	6.66	84.0	6.25	81.0	6.00	78.0	5.72	73.5	5.34
	51.0	47.0	94.5	6.90	88.5	6.37	84.0	5.98	81.0	5.73	78.0	5.48	73.5	5.11
	54.0	50.0	94.5	6.68	88.5	6.17	84.0	5.79	81.0	5.55	78.0	5.31	73.5	4.96
	57.0	53.0	94.5	6.47	88.5	5.98	84.0	5.62	81.0	5.38	78.0	5.15	73.5	4.81
	60.0	56.0	94.5	6.27	88.5	5.80	84.0	5.45	81.0	5.23	78.0	5.00	73.5	4.68
90	-3.64	-4.0	56.9	6.60	56.8	6.84	56.6	7.02	56.6	7.14	56.5	7.26	56.4	7.44
	-1.84	-2.2	58.6	6.72	58.5	6.95	58.4	7.13	58.3	7.24	58.2	7.36	58.1	7.54
	5.5	5.0	65.5	7.13	65.4	7.34	65.2	7.50	65.2	7.60	65.1	7.71	65.0	7.86
	9.5	8.5	68.9	7.30	68.7	7.50	68.6	7.65	68.5	7.75	68.4	7.85	66.2	7.59
	13.0	12.0	72.2	7.46	72.0	7.65	71.9	7.79	71.8	7.88	70.2	7.70	66.2	7.15
	15.0	14.0	74.1	7.54	74.0	7.73	73.8	7.86	72.9	7.81	70.2	7.45	66.2	6.92
	17.0	15.5	75.5	7.60	75.4	7.78	75.3	7.92	72.9	7.62	70.2	7.27	66.2	6.75
	19.0	18.0	77.9	7.69	77.8	7.87	75.6	7.66	72.9	7.32	70.2	6.99	66.2	6.50
	22.0	20.0	79.8	7.77	79.6	7.93	75.6	7.43	72.9	7.10	70.2	6.78	66.2	6.31
	26.0	24.0	83.7	7.90	79.6	7.47	75.6	7.00	72.9	6.70	70.2	6.40	66.2	5.96
	30.0	28.0	85.0	7.66	79.6	7.06	75.6	6.63	72.9	6.34	70.2	6.06	66.2	5.64
	35.0	32.0	85.0	7.26	79.6	6.70	75.6	6.29	72.9	6.02	70.2	5.75	66.2	5.37
	39.0	36.0	85.0	6.90	79.6	6.37	75.6	5.98	72.9	5.73	70.2	5.48	66.2	5.11
	44.0	40.0	85.0	6.57	79.6	6.07	75.6	5.71	72.9	5.47	70.2	5.23	66.2	4.89
	47.0	43.0	85.0	6.35	79.6	5.87	75.6	5.52	72.9	5.29	70.2	5.06	66.2	4.73
	51.0	47.0	85.0	6.07	79.6	5.62	75.6	5.28	72.9	5.07	70.2	4.85	66.2	4.54
	54.0	50.0	85.0	5.88	79.6	5.44	75.6	5.12	72.9	4.91	70.2	4.71	66.2	4.40
	57.0	53.0	85.0	5.70	79.6	5.28	75.6	4.97	72.9	4.77	70.2	4.57	66.2	4.28
	60.0	56.0	85.0	5.53	79.6	5.13	75.6	4.83	72.9	4.63	70.2	4.44	66.2	4.16
80	-3.64	-4.0	56.6	7.02	56.5	7.24	56.4	7.40	56.3	7.50	56.3	7.61	56.2	7.77
	-1.84	-2.2	58.4	7.13	58.2	7.34	58.1	7.49	58.1	7.60	58.0	7.70	57.9	7.86
	5.5	5.0	65.2	7.50	65.1	7.68	65.0	7.82	64.8	7.89	62.4	7.52	58.8	6.99
	9.5	8.5	68.6	7.65	68.4	7.83	67.2	7.74	64.8	7.40	62.4	7.06	58.8	6.56
	13.0	12.0	71.9	7.79	70.8	7.78	67.2	7.29	64.8	6.97	62.4	6.65	58.8	6.19
	15.0	14.0	73.8	7.86	70.8	7.52	67.2	7.05	64.8	6.74	62.4	6.44	58.8	6.00
	17.0	15.5	75.3	7.92	70.8	7.34	67.2	6.88	64.8	6.58	62.4	6.29	58.8	5.86
	19.0	18.0	75.6	7.66	70.8	7.06	67.2	6.62	64.8	6.34	62.4	6.05	58.8	5.64
	22.0	20.0	75.6	7.43	70.8	6.85	67.2	6.43	64.8	6.15	62.4	5.88	58.8	5.48
	26.0	24.0	75.6	7.00	70.8	6.46	67.2	6.07	64.8	5.81	62.4	5.56	58.8	5.18
	30.0	28.0	75.6	6.62	70.8	6.12	67.2	5.75	64.8	5.51	62.4	5.27	58.8	4.92
	35.0	32.0	75.6	6.29	70.8	5.81	67.2	5.46	64.8	5.24	62.4	5.01	58.8	4.69
	39.0	36.0	75.6	5.98	70.8	5.53	67.2	5.21	64.8	4.99	62.4	4.78	58.8	4.47
	44.0	40.0	75.6	5.71	70.8	5.28	67.2	4.97	64.8	4.77	62.4	4.57	58.8	4.28
	47.0	43.0	75.6	5.52	70.8	5.11	67.2	4.81	64.8	4.62	62.4	4.43	58.8	4.15
	51.0	47.0	75.6	5.28	70.8	4.90	67.2	4.62	64.8	4.43	62.4	4.25	58.8	3.98
	54.0	50.0	75.6	5.12	70.8	4.75	67.2	4.48	64.8	4.30	62.4	4.13	58.8	3.87
	57.0	53.0	75.6	4.97	70.8	4.61	67.2	4.35	64.8	4.18	62.4	4.01	58.8	3.76
	60.0	56.0	75.6	4.83	70.8	4.48	67.2	4.23	64.8	4.06	62.4	3.90	58.8	3.66

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	58.0	4.91	57.8	5.26	57.6	5.52	57.5	5.69	57.4	5.87	57.2	6.13
	-1.84	-2.2	59.7	5.08	59.5	5.41	59.3	5.67	59.2	5.84	59.1	6.01	58.9	6.26
	5.5	5.0	66.6	5.67	66.4	5.97	66.2	6.20	66.1	6.35	66.0	6.50	65.8	6.72
	9.5	8.5	69.9	5.91	69.7	6.20	69.5	6.41	69.4	6.56	69.3	6.70	69.2	6.92
	13.0	12.0	73.3	6.13	73.1	6.41	72.9	6.61	72.8	6.75	72.7	6.88	72.5	7.09
	15.0	14.0	75.2	6.25	75.0	6.52	74.8	6.72	74.7	6.85	74.6	6.98	74.4	7.18
	17.0	15.5	76.6	6.33	76.4	6.60	76.2	6.79	76.1	6.92	76.0	7.05	75.8	7.25
	19.0	18.0	79.0	6.47	78.8	6.72	78.6	6.91	78.5	7.04	78.4	7.16	78.2	7.35
	22.0	20.0	80.9	6.57	80.7	6.82	80.5	7.00	80.4	7.12	80.3	7.25	80.1	7.43
	26.0	24.0	84.7	6.76	84.5	6.99	84.4	7.17	84.2	7.29	84.1	7.41	84.0	7.58
	30.0	28.0	88.6	6.93	88.3	7.16	88.2	7.32	88.1	7.44	88.0	7.55	87.8	7.72
	35.0	32.0	92.4	7.09	92.2	7.31	92.0	7.47	91.9	7.57	91.8	7.68	91.6	7.84
	39.0	36.0	96.2	7.24	96.0	7.44	95.8	7.60	95.7	7.70	95.6	7.81	95.4	7.96
	44.0	40.0	100	7.37	99.8	7.57	99.6	7.72	99.5	7.82	99.4	7.92	95.6	7.59
	47.0	43.0	103	7.47	103	7.66	103	7.81	102	7.90	101	7.89	95.6	7.32
	51.0	47.0	107	7.59	106	7.77	106	7.91	105	7.89	101	7.53	95.6	6.99
	54.0	50.0	110	7.67	109	7.85	109	7.99	105	7.63	101	7.28	95.6	6.77
	57.0	53.0	112	7.75	112	7.93	109	7.73	105	7.39	101	7.05	95.6	6.55
	60.0	56.0	115	7.83	115	7.99	109	7.49	105	7.16	101	6.83	95.6	6.36
120	-3.64	-4.0	57.7	5.33	57.5	5.65	57.4	5.89	57.3	6.05	57.2	6.21	57.0	6.46
	-1.84	-2.2	59.4	5.49	59.2	5.80	59.1	6.03	59.0	6.19	58.9	6.35	58.7	6.58
	5.5	5.0	66.3	6.03	66.1	6.31	66.0	6.52	65.9	6.66	65.8	6.80	65.6	7.01
	9.5	8.5	69.7	6.26	69.5	6.52	69.3	6.72	69.2	6.85	69.1	6.99	68.9	7.19
	13.0	12.0	73.0	6.46	72.8	6.72	72.6	6.91	72.5	7.03	72.4	7.16	72.3	7.35
	15.0	14.0	74.9	6.57	74.7	6.82	74.6	7.00	74.5	7.13	74.4	7.25	74.2	7.43
	17.0	15.5	76.4	6.65	76.1	6.89	76.0	7.07	75.9	7.19	75.8	7.31	75.6	7.49
	19.0	18.0	78.7	6.77	78.5	7.01	78.4	7.18	78.3	7.30	78.2	7.42	78.0	7.59
	22.0	20.0	80.7	6.87	80.4	7.10	80.3	7.27	80.2	7.38	80.1	7.50	79.9	7.67
	26.0	24.0	84.5	7.04	84.3	7.26	84.1	7.42	84.0	7.53	83.9	7.64	83.8	7.80
	30.0	28.0	88.3	7.20	88.1	7.41	87.9	7.57	87.8	7.67	87.7	7.78	87.6	7.93
	35.0	32.0	92.1	7.35	91.9	7.55	91.8	7.70	91.7	7.80	91.5	7.90	88.2	7.60
	39.0	36.0	95.9	7.49	95.7	7.68	95.6	7.82	95.5	7.92	93.6	7.77	88.2	7.22
	44.0	40.0	99.8	7.61	99.6	7.80	99.4	7.93	97.2	7.75	93.6	7.40	88.2	6.87
	47.0	43.0	103	7.70	102	7.88	101	7.83	97.2	7.48	93.6	7.14	88.2	6.63
	51.0	47.0	106	7.81	106	7.98	101	7.47	97.2	7.14	93.6	6.82	88.2	6.34
	54.0	50.0	109	7.89	106	7.71	101	7.23	97.2	6.91	93.6	6.60	88.2	6.14
	57.0	53.0	112	7.96	106	7.46	101	7.00	97.2	6.69	93.6	6.39	88.2	5.95
	60.0	56.0	113	7.85	106	7.23	101	6.78	97.2	6.49	93.6	6.20	88.2	5.78
110	-3.64	-4.0	57.5	5.75	57.3	6.05	57.1	6.27	57.0	6.42	56.9	6.56	56.8	6.79
	-1.84	-2.2	59.2	5.90	59.0	6.18	58.8	6.40	58.7	6.54	58.7	6.68	58.5	6.90
	5.5	5.0	66.1	6.40	65.9	6.65	65.7	6.85	65.6	6.97	65.5	7.10	65.4	7.29
	9.5	8.5	69.4	6.61	69.2	6.85	69.1	7.03	69.0	7.15	68.9	7.27	68.7	7.46
	13.0	12.0	72.7	6.80	72.6	7.03	72.4	7.20	72.3	7.32	72.2	7.43	72.1	7.61
	15.0	14.0	74.7	6.90	74.5	7.12	74.3	7.29	74.2	7.40	74.1	7.52	74.0	7.68
	17.0	15.5	76.1	6.97	75.9	7.19	75.8	7.35	75.7	7.46	75.6	7.58	75.4	7.74
	19.0	18.0	78.5	7.08	78.3	7.30	78.1	7.46	78.0	7.56	78.0	7.67	77.8	7.83
	22.0	20.0	80.4	7.17	80.2	7.38	80.1	7.53	80.0	7.64	79.9	7.74	79.7	7.90
	26.0	24.0	84.2	7.33	84.0	7.53	83.9	7.68	83.8	7.78	83.7	7.88	80.9	7.61
	30.0	28.0	88.0	7.48	87.8	7.67	87.7	7.81	87.6	7.91	85.8	7.75	80.9	7.20
	35.0	32.0	91.8	7.61	91.7	7.79	91.5	7.93	89.1	7.70	85.8	7.34	80.9	6.82
	39.0	36.0	95.7	7.74	95.5	7.91	92.4	7.65	89.1	7.31	85.8	6.97	80.9	6.49
	44.0	40.0	99.5	7.85	97.3	7.77	92.4	7.28	89.1	6.96	85.8	6.64	80.9	6.18
	47.0	43.0	102	7.94	97.3	7.49	92.4	7.02	89.1	6.72	85.8	6.42	80.9	5.97
	51.0	47.0	104	7.77	97.3	7.16	92.4	6.71	89.1	6.42	85.8	6.14	80.9	5.72
	54.0	50.0	104	7.51	97.3	6.92	92.4	6.50	89.1	6.22	85.8	5.94	80.9	5.54
	57.0	53.0	104	7.27	97.3	6.70	92.4	6.29	89.1	6.02	85.8	5.76	80.9	5.37
	60.0	56.0	104	7.04	97.3	6.50	92.4	6.10	89.1	5.84	85.8	5.59	80.9	5.22

TC : Total capacity ; MBH

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

Note1 : (shaded) is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	56.4	7.44	56.2	7.63	56.2	7.77	56.1	7.87	54.6	7.63	51.5	7.09
	-1.84	-2.2	58.1	7.54	58.0	7.72	57.9	7.86	56.7	7.70	54.6	7.34	51.5	6.82
	5.5	5.0	65.0	7.86	61.9	7.46	58.8	6.99	56.7	6.68	54.6	6.38	51.5	5.94
	9.5	8.5	66.1	7.59	61.9	7.00	58.8	6.56	56.7	6.28	54.6	6.00	51.5	5.59
	13.0	12.0	66.1	7.15	61.9	6.59	58.8	6.19	56.7	5.93	54.6	5.67	51.5	5.28
	15.0	14.0	66.1	6.92	61.9	6.38	58.8	5.99	56.7	5.74	54.6	5.49	51.5	5.12
	17.0	15.5	66.1	6.75	61.9	6.23	58.8	5.86	56.7	5.61	54.6	5.37	51.5	5.01
	19.0	18.0	66.1	6.50	61.9	6.00	58.8	5.64	56.7	5.40	54.6	5.17	51.5	4.83
	22.0	20.0	66.1	6.30	61.9	5.83	58.8	5.48	56.7	5.25	54.6	5.03	51.5	4.70
	26.0	24.0	66.1	5.96	61.9	5.51	58.8	5.18	56.7	4.97	54.6	4.76	51.5	4.45
	30.0	28.0	66.1	5.64	61.9	5.23	58.8	4.92	56.7	4.72	54.6	4.52	51.5	4.23
	35.0	32.0	66.1	5.36	61.9	4.97	58.8	4.68	56.7	4.50	54.6	4.31	51.5	4.04
	39.0	36.0	66.1	5.11	61.9	4.74	58.8	4.47	56.7	4.29	54.6	4.12	51.5	3.86
	44.0	40.0	66.1	4.89	61.9	4.54	58.8	4.28	56.7	4.11	54.6	3.94	51.5	3.70
	47.0	43.0	66.1	4.73	61.9	4.39	58.8	4.15	56.7	3.98	54.6	3.82	51.5	3.59
	51.0	47.0	66.1	4.53	61.9	4.22	58.8	3.98	56.7	3.83	54.6	3.68	51.5	3.45
	54.0	50.0	66.1	4.40	61.9	4.09	58.8	3.87	56.7	3.72	54.6	3.57	51.5	3.36
	57.0	53.0	66.1	4.27	61.9	3.98	58.8	3.76	56.7	3.62	54.6	3.47	51.5	3.27
	60.0	56.0	66.1	4.16	61.9	3.87	58.8	3.66	56.7	3.52	54.6	3.38	51.5	3.18
60	-3.64	-4.0	56.1	7.87	53.1	7.37	50.4	6.91	48.6	6.61	46.8	6.31	44.1	5.88
	-1.84	-2.2	56.7	7.70	53.1	7.09	50.4	6.65	48.6	6.37	46.8	6.08	44.1	5.67
	5.5	5.0	56.7	6.68	53.1	6.17	50.4	5.80	48.6	5.55	46.8	5.31	44.1	4.96
	9.5	8.5	56.7	6.28	53.1	5.81	50.4	5.46	48.6	5.23	46.8	5.01	44.1	4.68
	13.0	12.0	56.7	5.93	53.1	5.48	50.4	5.16	48.6	4.95	46.8	4.74	44.1	4.43
	15.0	14.0	56.7	5.74	53.1	5.31	50.4	5.00	48.6	4.80	46.8	4.60	44.1	4.30
	17.0	15.5	56.7	5.61	53.1	5.20	50.4	4.89	48.6	4.69	46.8	4.50	44.1	4.21
	19.0	18.0	56.7	5.40	53.1	5.01	50.4	4.72	48.6	4.53	46.8	4.34	44.1	4.07
	22.0	20.0	56.7	5.25	53.1	4.87	50.4	4.59	48.6	4.41	46.8	4.22	44.1	3.96
	26.0	24.0	56.7	4.97	53.1	4.61	50.4	4.35	48.6	4.18	46.8	4.01	44.1	3.76
	30.0	28.0	56.7	4.72	53.1	4.39	50.4	4.14	48.6	3.98	46.8	3.82	44.1	3.58
	35.0	32.0	56.7	4.50	53.1	4.18	50.4	3.95	48.6	3.80	46.8	3.64	44.1	3.42
	39.0	36.0	56.7	4.29	53.1	3.99	50.4	3.78	48.6	3.63	46.8	3.49	44.1	3.28
	44.0	40.0	56.7	4.11	53.1	3.83	50.4	3.62	48.6	3.48	46.8	3.35	44.1	3.15
	47.0	43.0	56.7	3.98	53.1	3.71	50.4	3.51	48.6	3.38	46.8	3.25	44.1	3.06
	51.0	47.0	56.7	3.83	53.1	3.57	50.4	3.38	48.6	3.25	46.8	3.13	44.1	2.94
	54.0	50.0	56.7	3.72	53.1	3.47	50.4	3.28	48.6	3.16	46.8	3.04	44.1	2.87
	57.0	53.0	56.7	3.62	53.1	3.37	50.4	3.20	48.6	3.08	46.8	2.96	44.1	2.79
	60.0	56.0	56.7	3.52	53.1	3.29	50.4	3.12	48.6	3.00	46.8	2.89	44.1	2.72
50	-3.64	-4.0	47.2	6.38	44.2	5.90	42.0	5.55	40.5	5.32	39.0	5.09	36.8	4.75
	-1.84	-2.2	47.2	6.15	44.2	5.69	42.0	5.35	40.5	5.13	39.0	4.91	36.8	4.59
	5.5	5.0	47.2	5.37	44.2	4.98	42.0	4.69	40.5	4.50	39.0	4.32	36.8	4.04
	9.5	8.5	47.2	5.06	44.2	4.70	42.0	4.43	40.5	4.25	39.0	4.08	36.8	3.82
	13.0	12.0	47.2	4.79	44.2	4.45	42.0	4.20	40.5	4.03	39.0	3.87	36.8	3.63
	15.0	14.0	47.2	4.65	44.2	4.32	42.0	4.08	40.5	3.92	39.0	3.76	36.8	3.53
	17.0	15.5	47.2	4.55	44.2	4.22	42.0	3.99	40.5	3.83	39.0	3.68	36.8	3.46
	19.0	18.0	47.2	4.39	44.2	4.08	42.0	3.85	40.5	3.71	39.0	3.56	36.8	3.34
	22.0	20.0	47.2	4.27	44.2	3.97	42.0	3.75	40.5	3.61	39.0	3.47	36.8	3.26
	26.0	24.0	47.2	4.05	44.2	3.77	42.0	3.57	40.5	3.43	39.0	3.30	36.8	3.11
	30.0	28.0	47.2	3.86	44.2	3.60	42.0	3.40	40.5	3.28	39.0	3.15	36.8	2.97
	35.0	32.0	47.2	3.68	44.2	3.43	42.0	3.25	40.5	3.13	39.0	3.02	36.8	2.84
	39.0	36.0	47.2	3.52	44.2	3.29	42.0	3.12	40.5	3.00	39.0	2.89	36.8	2.73
	44.0	40.0	47.2	3.38	44.2	3.16	42.0	2.99	40.5	2.89	39.0	2.78	36.8	2.62
	47.0	43.0	47.2	3.28	44.2	3.07	42.0	2.91	40.5	2.81	39.0	2.70	36.8	2.55
	51.0	47.0	47.2	3.16	44.2	2.95	42.0	2.80	40.5	2.71	39.0	2.61	36.8	2.46
	54.0	50.0	47.2	3.07	44.2	2.88	42.0	2.73	40.5	2.64	39.0	2.54	36.8	2.40
	57.0	53.0	47.2	2.99	44.2	2.80	42.0	2.66	40.5	2.57	39.0	2.48	36.8	2.34
	60.0	56.0	47.2	2.92	44.2	2.73	42.0	2.60	40.5	2.51	39.0	2.42	36.8	2.29

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	73.3	6.48	73.0	7.01	72.8	7.41	72.7	7.67	72.5	7.93	72.3	8.33
	-1.84	-2.2	74.6	6.64	74.3	7.15	74.1	7.54	73.9	7.80	73.8	8.06	73.5	8.45
	5.5	5.0	80.5	7.28	80.2	7.76	80.0	8.12	79.8	8.36	79.7	8.60	79.5	8.96
	9.5	8.5	83.9	7.61	83.6	8.07	83.4	8.41	83.2	8.64	83.1	8.87	82.9	9.21
	13.0	12.0	87.6	7.94	87.3	8.38	87.1	8.71	86.9	8.93	86.8	9.14	86.6	9.47
	15.0	14.0	89.9	8.13	89.6	8.55	89.4	8.87	89.2	9.09	89.1	9.30	88.9	9.62
	17.0	15.5	91.7	8.27	91.4	8.69	91.2	9.00	91.0	9.21	90.9	9.42	90.6	9.73
	19.0	18.0	94.8	8.50	94.5	8.90	94.2	9.20	94.1	9.41	93.9	9.61	93.7	9.91
	22.0	20.0	97.4	8.68	7.1	9.07	96.8	9.37	96.7	9.56	96.5	9.76	96.3	10.1
	26.0	24.0	103	9.04	103	9.41	102	9.68	102	9.87	102	10.1	102	10.3
	30.0	28.0	109	9.38	109	9.73	108	9.99	108	10.2	108	10.3	108	10.6
	35.0	32.0	115	9.71	115	10.0	115	10.3	115	10.4	114	10.6	114	10.9
	39.0	36.0	122	10.0	122	10.3	122	10.6	121	10.7	121	10.9	121	11.1
	44.0	40.0	129	10.3	129	10.6	129	10.8	129	11.0	129	11.1	127	11.2
	47.0	43.0	135	10.5	135	10.8	135	11.0	134	11.1	134	11.3	127	10.6
	51.0	47.0	143	10.8	143	11.0	143	11.2	140	11.1	135	10.6	127	9.86
	54.0	50.0	149	11.0	149	11.2	146	11.0	140	10.5	135	10.0	127	9.34
	57.0	53.0	156	11.2	153	11.1	146	10.4	140	9.97	135	9.52	127	8.86
	60.0	56.0	163	11.3	153	10.5	146	9.89	140	9.46	135	9.04	127	8.42
120	-3.64	-4.0	73.0	7.12	72.7	7.61	72.5	7.97	72.3	8.22	72.2	8.46	72.0	8.82
	-1.84	-2.2	74.2	7.26	74.0	7.74	73.7	8.10	73.6	8.34	73.5	8.58	73.3	8.93
	5.5	5.0	80.2	7.86	79.9	8.30	79.7	8.63	79.5	8.85	79.4	9.08	79.2	9.41
	9.5	8.5	83.5	8.17	83.3	8.59	83.1	8.91	82.9	9.12	82.8	9.33	82.6	9.64
	13.0	12.0	87.3	8.47	87.0	8.87	86.8	9.18	86.6	9.38	86.5	9.58	86.3	9.88
	15.0	14.0	89.5	8.65	89.3	9.04	89.1	9.33	88.9	9.53	88.8	9.73	88.6	10.0
	17.0	15.5	91.3	8.77	91.0	9.16	90.8	9.45	90.7	9.64	90.6	9.83	90.3	10.1
	19.0	18.0	94.4	8.99	94.1	9.36	93.9	9.64	93.8	9.82	93.6	10.0	93.4	10.3
	22.0	20.0	97.0	9.16	96.7	9.52	96.5	9.79	96.4	9.97	96.2	10.2	96.0	10.4
	26.0	24.0	103	9.49	102	9.83	102	10.1	102	10.3	102	10.4	102	10.7
	30.0	28.0	108	9.80	108	10.1	108	10.4	108	10.5	108	10.7	108	10.9
	35.0	32.0	115	10.1	115	10.4	114	10.6	114	10.8	114	10.9	114	11.2
	39.0	36.0	122	10.4	121	10.7	121	10.9	121	11.0	121	11.2	118	10.9
	44.0	40.0	129	10.7	129	10.9	128	11.1	128	11.3	125	10.9	118	10.1
	47.0	43.0	135	10.9	134	11.1	134	11.3	130	10.8	125	10.3	118	9.61
	51.0	47.0	143	11.1	142	11.2	134	10.5	130	10.1	125	9.61	118	8.95
	54.0	50.0	149	11.3	142	10.6	134	9.97	130	9.54	125	9.11	118	8.49
	57.0	53.0	151	10.9	142	10.1	134	9.45	130	9.05	125	8.65	118	8.06
	60.0	56.0	151	10.4	142	9.56	134	8.97	130	8.59	125	8.21	118	7.66
110	-3.64	-4.0	72.6	7.76	72.4	8.21	72.2	8.54	72.0	8.76	71.9	8.99	71.7	9.32
	-1.84	-2.2	73.9	7.89	73.6	8.33	73.4	8.66	73.3	8.87	73.2	9.09	73.0	9.42
	5.5	5.0	79.8	8.44	79.5	8.85	79.3	9.15	79.2	9.35	79.1	9.55	78.9	9.86
	9.5	8.5	83.2	8.72	82.9	9.11	82.7	9.40	82.6	9.59	82.5	9.79	82.3	10.1
	13.0	12.0	86.9	9.00	86.6	9.37	86.5	9.65	86.3	9.83	86.2	10.0	86.0	10.3
	15.0	14.0	89.2	9.16	88.9	9.52	88.7	9.79	88.6	9.97	88.5	10.2	88.3	10.4
	17.0	15.5	90.9	9.28	90.7	9.63	90.5	9.90	90.4	10.1	90.3	10.3	90.1	10.5
	19.0	18.0	94.0	9.48	93.8	9.82	93.6	10.1	93.5	10.2	93.4	10.4	93.2	10.7
	22.0	20.0	96.6	9.63	96.4	9.96	96.2	10.2	96.1	10.4	96.0	10.5	95.8	10.8
	26.0	24.0	102	9.93	102	10.2	102	10.5	102	10.6	101	10.8	101	11.0
	30.0	28.0	108	10.2	108	10.5	108	10.7	108	10.9	107	11.0	107	11.3
	35.0	32.0	115	10.5	114	10.8	114	11.0	114	11.1	114	11.3	108	10.5
	39.0	36.0	121	10.8	121	11.0	121	11.2	119	11.1	114	10.6	108	9.81
	44.0	40.0	129	11.0	128	11.3	123	10.7	119	10.3	114	9.81	108	9.12
	47.0	43.0	134	11.2	130	10.9	123	10.2	119	9.73	114	9.29	108	8.65
	51.0	47.0	139	10.9	130	10.1	123	9.46	119	9.05	114	8.65	108	8.07
	54.0	50.0	139	10.4	130	9.56	123	8.97	119	8.59	114	8.21	108	7.66
	57.0	53.0	139	9.82	130	9.06	123	8.52	119	8.16	114	7.80	108	7.28
	60.0	56.0	139	9.31	130	8.61	123	8.09	119	7.75	114	7.42	108	6.93

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	72.2	8.40	72.0	8.80	71.8	9.11	71.7	9.31	71.6	9.51	71.4	9.82
	-1.84	-2.2	73.5	8.52	73.3	8.91	73.1	9.21	73.0	9.41	72.9	9.61	72.7	9.91
	5.5	5.0	79.4	9.02	79.2	9.39	79.0	9.66	78.9	9.85	78.8	10.0	78.6	10.3
	9.5	8.5	82.8	9.28	82.6	9.63	82.4	9.89	82.3	10.1	82.2	10.2	82.0	10.5
	13.0	12.0	86.5	9.53	86.3	9.87	86.1	10.1	86.0	10.3	85.9	10.5	85.7	10.7
	15.0	14.0	88.8	9.68	88.6	10.0	88.4	10.2	88.3	10.4	88.2	10.6	88.0	10.8
	17.0	15.5	90.6	9.79	90.4	10.1	90.2	10.3	90.1	10.5	90.0	10.7	89.8	10.9
	19.0	18.0	93.7	9.96	93.5	10.3	93.3	10.5	93.2	10.7	93.1	10.8	92.9	11.0
	22.0	20.0	96.3	10.1	96.1	10.4	95.9	10.6	95.8	10.8	95.7	10.9	95.5	11.2
	26.0	24.0	102	10.4	102	10.7	101	10.9	101	11.0	101	11.2	98.0	10.8
	30.0	28.0	108	10.6	108	10.9	107	11.1	107	11.3	104	10.9	98.0	10.1
	35.0	32.0	114	10.9	114	11.2	112	11.1	108	10.6	104	10.1	98.0	9.38
	39.0	36.0	121	11.1	118	11.0	112	10.3	108	9.83	104	9.39	98.0	8.74
	44.0	40.0	126	11.1	118	10.2	112	9.56	108	9.14	104	8.74	98.0	8.14
	47.0	43.0	126	10.5	118	9.65	112	9.06	108	8.70	104	8.29	98.0	7.73
	51.0	47.0	126	9.72	118	8.98	112	8.44	108	8.08	104	7.73	98.0	7.22
	54.0	50.0	126	9.22	118	8.52	112	8.01	108	7.68	104	7.35	98.0	6.87
	57.0	53.0	126	8.75	118	8.09	112	7.61	108	7.30	104	6.99	98.0	6.54
	60.0	56.0	126	8.31	118	7.69	112	7.24	108	6.95	104	6.66	98.0	6.23
90	-3.64	-4.0	71.9	9.04	71.7	9.40	71.5	9.67	71.4	9.86	71.3	10.0	71.2	10.3
	-1.84	-2.2	73.1	9.14	72.9	9.50	72.8	9.77	72.7	9.95	72.6	10.1	72.4	10.4
	5.5	5.0	79.1	9.60	78.9	9.93	78.7	10.2	78.6	10.3	78.5	10.5	78.3	10.8
	9.5	8.5	82.5	9.83	82.2	10.1	82.1	10.4	82.0	10.5	81.9	10.7	81.7	10.9
	13.0	12.0	86.2	10.1	86.0	10.4	85.8	10.6	85.7	10.7	85.6	10.9	85.4	11.1
	15.0	14.0	88.4	10.2	88.2	10.5	88.1	10.7	88.0	10.9	87.9	11.0	87.7	11.2
	17.0	15.5	90.2	10.3	90.0	10.6	89.9	10.8	89.8	10.9	89.7	11.1	88.2	11.0
	19.0	18.0	93.3	10.5	93.1	10.7	93.0	10.9	92.9	11.1	92.8	11.2	88.2	10.6
	22.0	20.0	95.9	10.6	95.7	10.9	95.6	11.1	95.5	11.2	93.6	11.0	88.2	10.2
	26.0	24.0	101	10.8	101	11.1	101	11.2	97.2	10.7	93.6	10.2	88.2	9.52
	30.0	28.0	107	11.1	106	11.1	101	10.4	97.2	9.98	93.6	9.53	88.2	8.87
	35.0	32.0	113	11.2	106	10.4	101	9.71	97.2	9.29	93.6	8.88	88.2	8.27
	39.0	36.0	113	10.4	106	9.63	101	9.04	97.2	8.65	93.6	8.27	88.2	7.72
	44.0	40.0	113	9.70	106	8.96	101	8.42	97.2	8.06	93.6	7.72	88.2	7.20
	47.0	43.0	113	9.19	106	8.50	101	7.99	97.2	7.66	93.6	7.33	88.2	6.85
	51.0	47.0	113	8.56	106	7.93	101	7.46	97.2	7.15	93.6	6.85	88.2	6.41
	54.0	50.0	113	8.13	106	7.53	101	7.09	97.2	6.80	93.6	6.52	88.2	6.10
	57.0	53.0	113	7.72	106	7.16	101	6.75	97.2	6.48	93.6	6.21	88.2	5.82
	60.0	56.0	113	7.35	106	6.82	101	6.43	97.2	6.17	93.6	5.92	88.2	5.55
80	-3.64	-4.0	71.5	9.67	71.3	10.00	71.2	10.2	71.1	10.4	71.0	10.6	70.9	10.8
	-1.84	-2.2	72.8	9.77	72.6	10.1	72.5	10.3	72.4	10.5	72.3	10.6	72.1	10.9
	5.5	5.0	78.7	10.2	78.5	10.5	78.4	10.7	78.3	10.8	78.2	11.0	78.1	11.2
	9.5	8.5	82.1	10.4	81.9	10.7	81.8	10.9	81.7	11.0	81.6	11.2	78.4	10.7
	13.0	12.0	85.8	10.6	85.6	10.9	85.5	11.1	85.4	11.2	83.2	10.9	78.4	10.1
	15.0	14.0	88.1	10.7	87.9	11.0	87.8	11.2	86.4	11.0	83.2	10.5	78.4	9.78
	17.0	15.5	89.9	10.8	89.7	11.1	89.5	11.2	86.4	10.8	83.2	10.3	78.4	9.54
	19.0	18.0	93.0	10.9	92.8	11.2	89.6	10.8	86.4	10.3	83.2	9.84	78.4	9.15
	22.0	20.0	95.6	11.1	94.4	11.1	89.6	10.4	86.4	9.95	83.2	9.50	78.4	8.85
	26.0	24.0	101	11.2	94.4	10.3	89.6	9.70	86.4	9.28	83.2	8.87	78.4	8.26
	30.0	28.0	101	10.4	94.4	9.63	89.6	9.04	86.4	8.65	83.2	8.27	78.4	7.72
	35.0	32.0	101	9.71	94.4	8.97	89.6	8.43	86.4	8.07	83.2	7.72	78.4	7.21
	39.0	36.0	101	9.04	94.4	8.36	89.6	7.86	86.4	7.53	83.2	7.21	78.4	6.74
	44.0	40.0	101	8.42	94.4	7.79	89.6	7.34	86.4	7.04	83.2	6.74	78.4	6.31
	47.0	43.0	101	7.99	94.4	7.40	89.6	6.97	86.4	6.69	83.2	6.41	78.4	6.00
	51.0	47.0	101	7.46	94.4	6.92	89.6	6.52	86.4	6.26	83.2	6.01	78.4	5.63
	54.0	50.0	101	7.09	94.4	6.58	89.6	6.21	86.4	5.97	83.2	5.73	78.4	5.37
	57.0	53.0	101	6.75	94.4	6.27	89.6	5.92	86.4	5.69	83.2	5.46	78.4	5.13
	60.0	56.0	101	6.43	94.4	5.98	89.6	5.65	86.4	5.43	83.2	5.21	78.4	4.90

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	71.2	10.3	71.0	10.6	70.9	10.8	70.8	10.9	70.7	11.1	68.6	10.8
	-1.84	-2.2	72.4	10.4	72.3	10.7	72.1	10.9	72.1	11.0	72.0	11.2	68.6	10.6
	5.5	5.0	78.3	10.8	78.2	11.0	78.1	11.2	75.6	10.8	72.8	10.3	68.6	9.56
	9.5	8.5	81.7	10.9	81.6	11.2	78.4	10.7	75.6	10.2	72.8	9.76	68.6	9.08
	13.0	12.0	85.4	11.1	82.6	10.8	78.4	10.1	75.6	9.67	72.8	9.23	68.6	8.60
	15.0	14.0	87.7	11.2	82.6	10.4	78.4	9.78	75.6	9.36	72.8	8.94	68.6	8.33
	17.0	15.5	88.2	11.0	82.6	10.2	78.4	9.54	75.6	9.13	72.8	8.72	68.6	8.13
	19.0	18.0	88.2	10.6	82.6	9.75	78.4	9.15	75.6	8.76	72.8	8.37	68.6	7.81
	22.0	20.0	88.2	10.2	82.6	9.42	78.4	8.84	75.6	8.47	72.8	8.10	68.6	7.56
	26.0	24.0	88.2	9.52	82.6	8.79	78.4	8.26	75.6	7.92	72.8	7.58	68.6	7.07
	30.0	28.0	88.2	8.87	82.6	8.20	78.4	7.72	75.6	7.40	72.8	7.08	68.6	6.62
	35.0	32.0	88.2	8.27	82.6	7.66	78.4	7.21	75.6	6.92	72.8	6.63	68.6	6.20
	39.0	36.0	88.2	7.71	82.6	7.15	78.4	6.74	75.6	6.47	72.8	6.20	68.6	5.81
	44.0	40.0	88.2	7.20	82.6	6.69	78.4	6.31	75.6	6.06	72.8	5.81	68.6	5.45
	47.0	43.0	88.2	6.85	82.6	6.36	78.4	6.00	75.6	5.77	72.8	5.54	68.6	5.20
	51.0	47.0	88.2	6.41	82.6	5.96	78.4	5.63	75.6	5.41	72.8	5.20	68.6	4.88
	54.0	50.0	88.2	6.10	82.6	5.68	78.4	5.37	75.6	5.17	72.8	4.96	68.6	4.67
	57.0	53.0	88.2	5.82	82.6	5.42	78.4	5.13	75.6	4.93	72.8	4.74	68.6	4.46
	60.0	56.0	88.2	5.55	82.6	5.17	78.4	4.90	75.6	4.72	72.8	4.54	68.6	4.27
60	-3.64	-4.0	70.8	10.9	70.7	11.2	67.2	10.5	64.8	10.1	62.4	9.60	58.8	8.93
	-1.84	-2.2	72.1	11.0	70.8	11.0	67.2	10.3	64.8	9.84	62.4	9.39	58.8	8.74
	5.5	5.0	75.6	10.8	70.8	9.94	67.2	9.33	64.8	8.93	62.4	8.53	58.8	7.95
	9.5	8.5	75.6	10.2	70.8	9.43	67.2	8.85	64.8	8.48	62.4	8.11	58.8	7.56
	13.0	12.0	75.6	9.67	70.8	8.93	67.2	8.39	64.8	8.03	62.4	7.69	58.8	7.18
	15.0	14.0	75.6	9.36	70.8	8.65	67.2	8.13	64.8	7.79	62.4	7.45	58.8	6.96
	17.0	15.5	75.6	9.13	70.8	8.44	67.2	7.93	64.8	7.60	62.4	7.28	58.8	6.80
	19.0	18.0	75.6	8.76	70.8	8.10	67.2	7.62	64.8	7.31	62.4	7.00	58.8	6.54
	22.0	20.0	75.6	8.47	70.8	7.84	67.2	7.38	64.8	7.07	62.4	6.78	58.8	6.34
	26.0	24.0	75.6	7.92	70.8	7.33	67.2	6.91	64.8	6.63	62.4	6.36	58.8	5.95
	30.0	28.0	75.6	7.40	70.8	6.86	67.2	6.47	64.8	6.21	62.4	5.96	58.8	5.59
	35.0	32.0	75.6	6.91	70.8	6.42	67.2	6.06	64.8	5.82	62.4	5.59	58.8	5.24
	39.0	36.0	75.6	6.47	70.8	6.01	67.2	5.68	64.8	5.46	62.4	5.25	58.8	4.93
	44.0	40.0	75.6	6.06	70.8	5.64	67.2	5.33	64.8	5.13	62.4	4.93	58.8	4.63
	47.0	43.0	75.6	5.77	70.8	5.37	67.2	5.08	64.8	4.89	62.4	4.71	58.8	4.43
	51.0	47.0	75.6	5.41	70.8	5.05	67.2	4.78	64.8	4.60	62.4	4.43	58.8	4.17
	54.0	50.0	75.6	5.17	70.8	4.82	67.2	4.57	64.8	4.40	62.4	4.24	58.8	3.99
	57.0	53.0	75.6	4.93	70.8	4.61	67.2	4.37	64.8	4.21	62.4	4.06	58.8	3.83
	60.0	56.0	75.6	4.72	70.8	4.41	67.2	4.18	64.8	4.04	62.4	3.89	58.8	3.67
50	-3.64	-4.0	63.0	9.71	59.0	8.97	56.0	8.43	54.0	8.07	52.0	7.72	49.0	7.21
	-1.84	-2.2	63.0	9.50	59.0	8.78	56.0	8.25	54.0	7.90	52.0	7.56	49.0	7.06
	5.5	5.0	63.0	8.63	59.0	7.98	56.0	7.51	54.0	7.20	52.0	6.90	49.0	6.45
	9.5	8.5	63.0	8.20	59.0	7.59	56.0	7.15	54.0	6.86	52.0	6.57	49.0	6.15
	13.0	12.0	63.0	7.77	59.0	7.20	56.0	6.79	54.0	6.51	52.0	6.25	49.0	5.85
	15.0	14.0	63.0	7.54	59.0	6.99	56.0	6.59	54.0	6.32	52.0	6.06	49.0	5.68
	17.0	15.5	63.0	7.36	59.0	6.83	56.0	6.44	54.0	6.18	52.0	5.93	49.0	5.56
	19.0	18.0	63.0	7.07	59.0	6.57	56.0	6.19	54.0	5.95	52.0	5.71	49.0	5.36
	22.0	20.0	63.0	6.85	59.0	6.36	56.0	6.01	54.0	5.77	52.0	5.54	49.0	5.20
	26.0	24.0	63.0	6.42	59.0	5.97	56.0	5.64	54.0	5.42	52.0	5.21	49.0	4.89
	30.0	28.0	63.0	6.02	59.0	5.61	56.0	5.30	54.0	5.10	52.0	4.90	49.0	4.61
	35.0	32.0	63.0	5.65	59.0	5.26	56.0	4.98	54.0	4.79	52.0	4.61	49.0	4.34
	39.0	36.0	63.0	5.30	59.0	4.94	56.0	4.68	54.0	4.51	52.0	4.34	49.0	4.09
	44.0	40.0	63.0	4.98	59.0	4.65	56.0	4.41	54.0	4.25	52.0	4.09	49.0	3.86
	47.0	43.0	63.0	4.75	59.0	4.44	56.0	4.21	54.0	4.06	52.0	3.92	49.0	3.70
	51.0	47.0	63.0	4.47	59.0	4.19	56.0	3.98	54.0	3.84	52.0	3.70	49.0	3.49
	54.0	50.0	63.0	4.28	59.0	4.01	56.0	3.81	54.0	3.68	52.0	3.55	49.0	3.35
	57.0	53.0	63.0	4.10	59.0	3.84	56.0	3.65	54.0	3.53	52.0	3.40	49.0	3.22
	60.0	56.0	63.0	3.92	59.0	3.68	56.0	3.50	54.0	3.39	52.0	3.27	49.0	3.10

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	78.6	5.11	78.2	5.80	77.9	6.32	77.7	6.67	77.6	7.02	77.3	7.54
	-1.84	-2.2	79.9	5.30	79.5	5.99	79.3	6.50	79.1	6.84	78.9	7.18	78.6	7.69
	5.5	5.0	86.2	6.15	85.8	6.78	85.5	7.25	85.3	7.56	85.2	7.88	84.9	8.35
	9.5	8.5	89.8	6.57	89.4	7.18	89.1	7.63	88.9	7.93	88.8	8.23	88.5	8.68
	13.0	12.0	93.7	7.00	93.3	7.58	93.1	8.01	92.9	8.30	92.7	8.58	92.4	9.01
	15.0	14.0	96.1	7.24	95.8	7.80	95.5	8.22	95.3	8.50	95.1	8.78	94.8	9.20
	17.0	15.5	98.0	7.42	97.6	7.97	97.4	8.38	97.2	8.66	97.0	8.93	96.7	9.35
	19.0	18.0	101	7.72	101	8.25	101	8.65	100	8.92	100	9.18	100	9.58
	22.0	20.0	104	7.96	104	8.47	103	8.86	103	9.12	103	9.38	103	9.76
	26.0	24.0	110	8.42	110	8.90	109	9.27	109	9.51	109	9.76	109	10.1
	30.0	28.0	116	8.86	116	9.32	116	9.66	115	9.89	115	10.1	115	10.5
	35.0	32.0	123	9.28	123	9.71	122	10.0	122	10.3	122	10.5	122	10.8
	39.0	36.0	130	9.68	130	10.1	130	10.4	129	10.6	129	10.8	129	11.1
	44.0	40.0	138	10.1	138	10.4	137	10.7	137	10.9	137	11.1	137	11.4
	47.0	43.0	144	10.3	144	10.7	143	11.0	143	11.1	143	11.3	143	11.6
	51.0	47.0	152	10.7	152	11.0	152	11.3	152	11.4	151	11.6	151	11.9
	54.0	50.0	159	10.9	159	11.2	158	11.5	158	11.6	158	11.8	158	12.1
	57.0	53.0	166	11.1	166	11.4	165	11.7	165	11.8	165	12.0	159	11.6
	60.0	56.0	173	11.3	173	11.6	173	11.9	172	12.0	169	11.8	159	11.0
120	-3.64	-4.0	78.1	5.95	77.8	6.59	77.5	7.07	77.4	7.39	77.2	7.71	76.9	8.19
	-1.84	-2.2	79.5	6.13	79.1	6.76	78.9	7.23	78.7	7.55	78.5	7.86	78.3	8.34
	5.5	5.0	85.7	6.91	85.4	7.49	85.1	7.93	85.0	8.22	84.8	8.51	84.5	8.94
	9.5	8.5	89.3	7.30	89.0	7.86	88.7	8.28	88.5	8.55	88.4	8.83	88.1	9.25
	13.0	12.0	93.3	7.70	92.9	8.23	92.7	8.63	92.5	8.89	92.3	9.16	92.1	9.56
	15.0	14.0	95.7	7.92	95.3	8.44	95.1	8.83	94.9	9.09	94.7	9.34	94.5	9.73
	17.0	15.5	97.6	8.09	97.2	8.60	97.0	8.98	96.8	9.23	96.6	9.48	96.3	9.86
	19.0	18.0	101	8.37	100	8.85	100	9.22	100	9.47	99.9	9.71	99.6	10.1
	22.0	20.0	104	8.58	103	9.06	103	9.42	103	9.65	103	9.89	102	10.2
	26.0	24.0	109	9.01	109	9.46	109	9.79	109	10.0	108	10.2	108	10.6
	30.0	28.0	116	9.41	115	9.84	115	10.2	115	10.4	115	10.6	115	10.9
	35.0	32.0	123	9.80	122	10.2	122	10.5	122	10.7	122	10.9	121	11.2
	39.0	36.0	130	10.2	129	10.5	129	10.8	129	11.0	129	11.2	129	11.5
	44.0	40.0	137	10.5	137	10.9	137	11.1	137	11.3	137	11.5	136	11.8
	47.0	43.0	144	10.8	143	11.1	143	11.4	143	11.5	143	11.7	142	12.0
	51.0	47.0	152	11.1	152	11.4	151	11.6	151	11.8	151	12.0	147	11.7
	54.0	50.0	159	11.3	158	11.6	158	11.8	158	12.0	156	11.9	147	11.1
	57.0	53.0	166	11.5	165	11.8	165	12.0	162	11.8	156	11.3	147	10.5
	60.0	56.0	173	11.7	172	12.0	168	11.7	162	11.2	156	10.7	147	10.0
110	-3.64	-4.0	77.7	6.79	77.4	7.38	77.1	7.82	77.0	8.11	76.8	8.41	76.6	8.85
	-1.84	-2.2	79.0	6.96	78.7	7.54	78.5	7.97	78.3	8.26	78.1	8.55	77.9	8.98
	5.5	5.0	85.3	7.67	85.0	8.20	84.7	8.60	84.6	8.87	84.4	9.14	84.2	9.54
	9.5	8.5	88.9	8.03	88.6	8.54	88.3	8.93	88.2	9.18	88.0	9.43	87.8	9.82
	13.0	12.0	92.8	8.40	92.5	8.88	92.3	9.25	92.1	9.49	91.9	9.73	91.7	10.1
	15.0	14.0	95.2	8.60	94.9	9.08	94.7	9.43	94.5	9.67	94.4	9.90	94.1	10.3
	17.0	15.5	97.1	8.75	96.8	9.22	96.6	9.57	96.4	9.80	96.2	10.0	96.0	10.4
	19.0	18.0	100	9.01	100	9.46	99.8	9.79	99.7	10.0	99.5	10.2	99.3	10.6
	22.0	20.0	103	9.21	103	9.64	103	9.97	102	10.2	102	10.4	102	10.7
	26.0	24.0	109	9.60	109	10.0	108	10.3	108	10.5	108	10.7	108	11.0
	30.0	28.0	115	9.97	115	10.4	115	10.6	115	10.8	114	11.0	114	11.3
	35.0	32.0	122	10.3	122	10.7	122	11.0	121	11.1	121	11.3	121	11.6
	39.0	36.0	129	10.7	129	11.0	129	11.3	129	11.4	128	11.6	128	11.9
	44.0	40.0	137	11.0	137	11.3	136	11.6	136	11.7	136	11.9	135	12.0
	47.0	43.0	143	11.2	143	11.5	143	11.8	142	11.9	142	12.1	135	11.3
	51.0	47.0	152	11.5	151	11.8	151	12.0	149	11.9	143	11.3	135	10.6
	54.0	50.0	158	11.7	158	12.0	154	11.7	149	11.2	143	10.8	135	10.0
	57.0	53.0	165	11.9	162	11.9	154	11.1	149	10.7	143	10.2	135	9.53
	60.0	56.0	172	12.1	162	11.3	154	10.6	149	10.1	143	9.70	135	9.07

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	77.2	7.63	76.9	8.17	76.7	8.57	76.6	8.83	76.4	9.10	76.2	9.50
	-1.84	-2.2	78.6	7.78	78.3	8.31	78.1	8.70	77.9	8.97	77.8	9.23	77.6	9.62
	5.5	5.0	84.8	8.43	84.5	8.92	84.3	9.28	84.2	9.52	84.0	9.77	83.8	10.1
	9.5	8.5	88.4	8.76	88.1	9.23	87.9	9.57	87.8	9.81	87.6	10.0	87.4	10.4
	13.0	12.0	92.4	9.09	92.1	9.54	91.9	9.87	91.7	10.1	91.6	10.3	91.4	10.6
	15.0	14.0	94.8	9.28	94.5	9.71	94.3	10.0	94.1	10.2	94.0	10.5	93.8	10.8
	17.0	15.5	96.7	9.42	96.4	9.84	96.1	10.2	96.0	10.4	95.9	10.6	95.6	10.9
	19.0	18.0	99.9	9.65	99.6	10.1	99.4	10.4	99.3	10.6	99.1	10.8	98.9	11.1
	22.0	20.0	103	9.83	102	10.2	102	10.5	102	10.7	102	10.9	102	11.2
	26.0	24.0	109	10.2	108	10.6	108	10.8	108	11.0	108	11.2	108	11.5
	30.0	28.0	115	10.5	115	10.9	114	11.1	114	11.3	114	11.5	114	11.8
	35.0	32.0	122	10.9	121	11.2	121	11.4	121	11.6	121	11.8	121	12.0
	39.0	36.0	129	11.2	129	11.5	128	11.7	128	11.9	128	12.0	123	11.5
	44.0	40.0	137	11.4	136	11.7	136	12.0	135	12.0	130	11.5	123	10.7
	47.0	43.0	143	11.7	142	11.9	140	11.9	135	11.4	130	10.9	123	10.1
	51.0	47.0	151	11.9	147	11.8	140	11.1	135	10.6	130	10.1	123	9.46
	54.0	50.0	157	12.1	147	11.2	140	10.5	135	10.1	130	9.62	123	8.99
	57.0	53.0	157	11.4	147	10.6	140	9.96	135	9.55	130	9.15	123	8.55
	60.0	56.0	157	10.9	147	10.1	140	9.47	135	9.09	130	8.71	123	8.15
90	-3.64	-4.0	76.8	8.47	76.5	8.95	76.3	9.32	76.2	9.56	76.1	9.80	75.9	10.2
	-1.84	-2.2	78.1	8.61	77.8	9.08	77.7	9.44	77.5	9.67	77.4	9.91	77.2	10.3
	5.5	5.0	84.4	9.20	84.1	9.63	83.9	9.96	83.8	10.2	83.7	10.4	83.5	10.7
	9.5	8.5	88.0	9.49	87.7	9.91	87.5	10.2	87.4	10.4	87.3	10.6	87.1	11.0
	13.0	12.0	91.9	9.79	91.6	10.2	91.5	10.5	91.3	10.7	91.2	10.9	91.0	11.2
	15.0	14.0	94.3	9.96	94.1	10.3	93.9	10.6	93.7	10.8	93.6	11.0	93.4	11.3
	17.0	15.5	96.2	10.1	95.9	10.5	95.7	10.8	95.6	10.9	95.5	11.1	95.3	11.4
	19.0	18.0	99.5	10.3	99.2	10.7	99.0	10.9	98.9	11.1	98.8	11.3	98.6	11.6
	22.0	20.0	102	10.5	102	10.8	102	11.1	102	11.3	102	11.4	101	11.7
	26.0	24.0	108	10.8	108	11.1	108	11.4	108	11.5	107	11.7	107	12.0
	30.0	28.0	114	11.1	114	11.4	114	11.6	114	11.8	114	12.0	110	11.7
	35.0	32.0	121	11.4	121	11.7	121	11.9	121	12.0	117	11.7	110	10.9
	39.0	36.0	128	11.7	128	11.9	126	11.9	122	11.3	117	10.9	110	10.1
	44.0	40.0	136	11.9	133	11.7	126	11.0	122	10.6	117	10.1	110	9.44
	47.0	43.0	142	12.0	133	11.1	126	10.5	122	10.0	117	9.60	110	8.97
	51.0	47.0	142	11.2	133	10.4	126	9.77	122	9.37	117	8.97	110	8.39
	54.0	50.0	142	10.6	133	9.86	126	9.28	122	8.91	117	8.53	110	7.99
	57.0	53.0	142	10.1	133	9.37	126	8.83	122	8.47	117	8.13	110	7.61
	60.0	56.0	142	9.61	133	8.91	126	8.41	122	8.07	117	7.74	110	7.26
80	-3.64	-4.0	76.3	9.32	76.1	9.74	75.9	10.1	75.8	10.3	75.7	10.5	75.5	10.8
	-1.84	-2.2	77.7	9.44	77.4	9.86	77.2	10.2	77.1	10.4	77.0	10.6	76.8	10.9
	5.5	5.0	83.9	9.96	83.7	10.3	83.5	10.6	83.4	10.8	83.3	11.0	83.1	11.3
	9.5	8.5	87.5	10.2	87.3	10.6	87.1	10.9	87.0	11.1	86.9	11.2	86.7	11.5
	13.0	12.0	91.5	10.5	91.2	10.8	91.1	11.1	90.9	11.3	90.8	11.5	90.6	11.7
	15.0	14.0	93.9	10.6	93.6	11.0	93.5	11.2	93.3	11.4	93.2	11.6	93.1	11.8
	17.0	15.5	95.7	10.8	95.5	11.1	95.3	11.3	95.2	11.5	95.1	11.7	94.9	11.9
	19.0	18.0	99.0	10.9	98.8	11.3	98.6	11.5	98.5	11.7	98.4	11.8	98.0	12.0
	22.0	20.0	102	11.1	102	11.4	101	11.6	101	11.8	101	12.0	98.0	11.6
	26.0	24.0	108	11.4	107	11.7	107	11.9	107	12.0	104	11.7	98.0	10.9
	30.0	28.0	114	11.6	114	11.9	112	11.9	108	11.4	104	10.9	98.0	10.1
	35.0	32.0	121	11.9	118	11.8	112	11.1	108	10.6	104	10.1	98.0	9.46
	39.0	36.0	126	11.9	118	11.0	112	10.3	108	9.88	104	9.46	98.0	8.84
	44.0	40.0	126	11.0	118	10.2	112	9.62	108	9.22	104	8.84	98.0	8.27
	47.0	43.0	126	10.5	118	9.70	112	9.13	108	8.77	104	8.40	98.0	7.87
	51.0	47.0	126	9.77	118	9.06	112	8.54	108	8.20	104	7.87	98.0	7.37
	54.0	50.0	126	9.28	118	8.62	112	8.13	108	7.81	104	7.49	98.0	7.03
	57.0	53.0	126	8.83	118	8.20	112	7.74	108	7.44	104	7.15	98.0	6.71
	60.0	56.0	126	8.40	118	7.82	112	7.38	108	7.10	104	6.82	98.0	6.41

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB																	
			61		65		68		70		72		75							
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI						
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW						
70	-3.64	-4.0	75.9	10.2	75.7	10.5	75.5	10.8	75.4	11.0	75.3	11.2	75.2	11.5						
	-1.84	-2.2	77.2	10.3	77.0	10.6	76.8	10.9	76.7	11.1	76.6	11.3	76.5	11.6						
	5.5	5.0	83.5	10.7	83.3	11.1	83.1	11.3	83.0	11.5	82.9	11.7	82.8	11.9						
	9.5	8.5	87.1	11.0	86.9	11.3	86.7	11.5	86.6	11.7	86.5	11.8	85.8	12.0						
	13.0	12.0	91.0	11.2	90.8	11.5	90.6	11.7	90.5	11.9	90.4	12.0	85.8	11.3						
	15.0	14.0	93.4	11.3	93.2	11.6	93.1	11.8	93.0	12.0	91.0	11.8	85.8	11.0						
	17.0	15.5	95.3	11.4	95.1	11.7	94.9	11.9	94.5	12.0	91.0	11.5	85.8	10.7						
	19.0	18.0	98.6	11.6	98.4	11.9	98.0	12.0	94.5	11.5	91.0	11.0	85.8	10.3						
	22.0	20.0	101	11.7	101	12.0	98.0	11.6	94.5	11.1	91.0	10.6	85.8	9.93						
	26.0	24.0	107	12.0	103	11.6	98.0	10.9	94.5	10.4	91.0	9.95	85.8	9.30						
	30.0	28.0	110	11.6	103	10.8	98.0	10.1	94.5	9.72	91.0	9.30	85.8	8.70						
	35.0	32.0	110	10.9	103	10.0	98.0	9.46	94.5	9.08	91.0	8.70	85.8	8.14						
	39.0	36.0	110	10.1	103	9.38	98.0	8.84	94.5	8.48	91.0	8.14	85.8	7.62						
	44.0	40.0	110	9.44	103	8.76	98.0	8.27	94.5	7.94	91.0	7.62	85.8	7.14						
	47.0	43.0	110	8.97	103	8.33	98.0	7.87	94.5	7.56	91.0	7.26	85.8	6.81						
	51.0	47.0	110	8.39	103	7.80	98.0	7.37	94.5	7.09	91.0	6.81	85.8	6.40						
	54.0	50.0	110	7.99	103	7.43	98.0	7.03	94.5	6.76	91.0	6.50	85.8	6.11						
	57.0	53.0	110	7.61	103	7.09	98.0	6.71	94.5	6.46	91.0	6.21	85.8	5.84						
	60.0	56.0	110	7.26	103	6.77	98.0	6.41	94.5	6.17	91.0	5.93	85.8	5.59						
60	-3.64	-4.0	75.4	11.0	75.2	11.3	75.1	11.6	75.0	11.7	74.9	11.9	73.5	11.8						
	-1.84	-2.2	76.7	11.1	76.6	11.4	76.4	11.6	76.4	11.8	76.3	12.0	73.5	11.5						
	5.5	5.0	83.0	11.5	82.8	11.8	82.7	12.0	81.0	11.8	78.0	11.2	73.5	10.5						
	9.5	8.5	86.6	11.7	86.4	12.0	84.0	11.7	81.0	11.2	78.0	10.7	73.5	9.96						
	13.0	12.0	90.5	11.9	88.5	11.8	84.0	11.0	81.0	10.6	78.0	10.1	73.5	9.45						
	15.0	14.0	93.0	12.0	88.5	11.4	84.0	10.7	81.0	10.2	78.0	9.81	73.5	9.16						
	17.0	15.5	94.5	12.0	88.5	11.1	84.0	10.4	81.0	10.0	78.0	9.58	73.5	8.95						
	19.0	18.0	94.5	11.5	88.5	10.7	84.0	10.0	81.0	9.61	78.0	9.20	73.5	8.60						
	22.0	20.0	94.5	11.1	88.5	10.3	84.0	9.70	81.0	9.30	78.0	8.91	73.5	8.34						
	26.0	24.0	94.5	10.4	88.5	9.64	84.0	9.08	81.0	8.71	78.0	8.35	73.5	7.82						
	30.0	28.0	94.5	9.71	88.5	9.01	84.0	8.50	81.0	8.16	78.0	7.83	73.5	7.34						
	35.0	32.0	94.5	9.08	88.5	8.43	84.0	7.95	81.0	7.64	78.0	7.34	73.5	6.88						
	39.0	36.0	94.5	8.48	88.5	7.89	84.0	7.45	81.0	7.16	78.0	6.88	73.5	6.46						
	44.0	40.0	94.5	7.94	88.5	7.39	84.0	6.99	81.0	6.72	78.0	6.46	73.5	6.07						
	47.0	43.0	94.5	7.56	88.5	7.04	84.0	6.66	81.0	6.41	78.0	6.17	73.5	5.80						
	51.0	47.0	94.5	7.09	88.5	6.61	84.0	6.26	81.0	6.03	78.0	5.80	73.5	5.46						
	54.0	50.0	94.5	6.76	88.5	6.31	84.0	5.98	81.0	5.76	78.0	5.55	73.5	5.23						
	57.0	53.0	94.5	6.45	88.5	6.03	84.0	5.72	81.0	5.51	78.0	5.31	73.5	5.01						
	60.0	56.0	94.5	6.17	88.5	5.77	84.0	5.47	81.0	5.28	78.0	5.09	73.5	4.80						
50	-3.64	-4.0	75.0	11.8	73.7	11.8	70.0	11.1	67.5	10.7	65.0	10.2	61.3	9.51						
	-1.84	-2.2	76.3	11.9	73.7	11.6	70.0	10.9	67.5	10.4	65.0	9.98	61.3	9.32						
	5.5	5.0	78.7	11.4	73.7	10.5	70.0	9.90	67.5	9.49	65.0	9.09	61.3	8.50						
	9.5	8.5	78.7	10.8	73.7	10.00	70.0	9.41	67.5	9.03	65.0	8.65	61.3	8.10						
	13.0	12.0	78.7	10.2	73.7	9.48	70.0	8.94	67.5	8.58	65.0	8.22	61.3	7.70						
	15.0	14.0	78.7	9.92	73.7	9.20	70.0	8.67	67.5	8.32	65.0	7.98	61.3	7.48						
	17.0	15.5	78.7	9.68	73.7	8.98	70.0	8.47	67.5	8.13	65.0	7.80	61.3	7.31						
	19.0	18.0	78.7	9.30	73.7	8.64	70.0	8.15	67.5	7.83	65.0	7.51	61.3	7.04						
	22.0	20.0	78.7	9.01	73.7	8.37	70.0	7.90	67.5	7.59	65.0	7.28	61.3	6.83						
	26.0	24.0	78.7	8.44	73.7	7.85	70.0	7.41	67.5	7.13	65.0	6.85	61.3	6.43						
	30.0	28.0	78.7	7.91	73.7	7.36	70.0	6.96	67.5	6.70	65.0	6.44	61.3	6.05						
	35.0	32.0	78.7	7.41	73.7	6.91	70.0	6.54	67.5	6.29	65.0	6.05	61.3	5.70						
	39.0	36.0	78.7	6.95	73.7	6.48	70.0	6.14	67.5	5.92	65.0	5.69	61.3	5.36						
	44.0	40.0	78.7	6.52	73.7	6.09	70.0	5.78	67.5	5.57	65.0	5.36	61.3	5.06						
	47.0	43.0	78.7	6.23	73.7	5.82	70.0	5.52	67.5	5.33	65.0	5.13	61.3	4.84						
	51.0	47.0	78.7	5.86	73.7	5.48	70.0	5.21	67.5	5.02	65.0	4.84	61.3	4.58						
	54.0	50.0	78.7	5.60	73.7	5.25	70.0	4.98	67.5	4.81	65.0	4.64	61.3	4.39						
	57.0	53.0	78.7	5.36	73.7	5.02	70.0	4.78	67.5	4.61	65.0	4.45	61.3	4.21						
	60.0	56.0	78.7	5.13	73.7	4.82	70.0	4.58	67.5	4.43	65.0	4.27	61.3	4.05						

TC : Total capacity ; MBH
PI : Power Input ; kW (Comp.+Outdoor fan motor)
Note1 : is shown as reference.
When selecting the unit models, avoid the Outdoor air temperature range shown by .

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	112	9.68	111	10.4	111	10.9	111	11.2	110	11.6	110	12.1
	-1.84	-2.2	114	9.88	113	10.6	113	11.1	113	11.4	112	11.7	112	12.3
	5.5	5.0	123	10.7	122	11.4	122	11.8	122	12.1	121	12.5	121	12.9
	9.5	8.5	128	11.2	127	11.8	127	12.2	127	12.5	127	12.8	126	13.3
	13.0	12.0	133	11.6	133	12.2	133	12.6	132	12.9	132	13.2	132	13.6
	15.0	14.0	137	11.8	136	12.4	136	12.8	136	13.1	136	13.4	135	13.8
	17.0	15.5	140	12.0	139	12.6	139	13.0	139	13.3	138	13.5	138	13.9
	19.0	18.0	144	12.3	144	12.9	144	13.3	143	13.5	143	13.8	143	14.2
	22.0	20.0	148	12.6	148	13.1	148	13.5	147	13.7	147	14.0	147	14.4
	26.0	24.0	157	13.0	156	13.5	156	13.9	156	14.1	156	14.4	155	14.7
	30.0	28.0	166	13.5	165	13.9	165	14.3	165	14.5	165	14.7	164	15.1
	35.0	32.0	176	13.9	175	14.3	175	14.7	175	14.9	174	15.1	174	15.4
	39.0	36.0	186	14.3	186	14.7	185	15.0	185	15.2	185	15.4	185	15.8
	44.0	40.0	197	14.7	197	15.1	196	15.4	196	15.6	196	15.8	191	15.5
	47.0	43.0	206	15.0	206	15.4	205	15.6	205	15.8	203	15.8	191	14.6
	51.0	47.0	218	15.3	218	15.7	217	15.9	211	15.3	203	14.6	191	13.6
	54.0	50.0	228	15.6	227	15.9	218	15.2	211	14.5	203	13.9	191	12.9
	57.0	53.0	238	15.8	230	15.4	218	14.4	211	13.8	203	13.1	191	12.2
	60.0	56.0	246	15.8	230	14.5	218	13.6	211	13.0	203	12.5	191	11.6
120	-3.64	-4.0	111	10.5	111	11.2	110	11.6	110	12.0	110	12.3	110	12.7
	-1.84	-2.2	113	10.7	113	11.3	112	11.8	112	12.1	112	12.4	112	12.9
	5.5	5.0	122	11.5	122	12.1	121	12.5	121	12.8	121	13.1	121	13.5
	9.5	8.5	127	11.9	127	12.4	127	12.9	126	13.1	126	13.4	126	13.8
	13.0	12.0	133	12.3	133	12.8	132	13.2	132	13.5	132	13.7	132	14.1
	15.0	14.0	136	12.5	136	13.0	136	13.4	136	13.7	135	13.9	135	14.3
	17.0	15.5	139	12.7	139	13.2	138	13.6	138	13.8	138	14.1	138	14.5
	19.0	18.0	144	13.0	143	13.5	143	13.8	143	14.1	143	14.3	142	14.7
	22.0	20.0	148	13.2	147	13.7	147	14.0	147	14.3	147	14.5	146	14.9
	26.0	24.0	156	13.6	156	14.1	156	14.4	155	14.6	155	14.9	155	15.2
	30.0	28.0	165	14.0	165	14.5	165	14.8	164	15.0	164	15.2	164	15.5
	35.0	32.0	175	14.4	175	14.8	174	15.1	174	15.3	174	15.5	174	15.8
	39.0	36.0	186	14.8	185	15.2	185	15.5	185	15.7	184	15.9	176	15.1
	44.0	40.0	197	15.2	196	15.5	196	15.8	194	15.8	187	15.1	176	14.0
	47.0	43.0	205	15.4	205	15.8	202	15.6	194	14.9	187	14.3	176	13.3
	51.0	47.0	218	15.8	212	15.5	202	14.5	194	13.9	187	13.3	176	12.3
	54.0	50.0	227	15.9	212	14.7	202	13.8	194	13.2	187	12.6	176	11.7
	57.0	53.0	227	15.1	212	13.9	202	13.0	194	12.5	187	11.9	176	11.1
	60.0	56.0	227	14.3	212	13.2	202	12.4	194	11.8	187	11.3	176	10.6
110	-3.64	-4.0	111	11.4	110	11.9	110	12.4	110	12.7	110	13.0	109	13.4
	-1.84	-2.2	112	11.5	112	12.1	112	12.5	112	12.8	112	13.1	111	13.5
	5.5	5.0	122	12.2	121	12.8	121	13.2	121	13.4	121	13.7	120	14.1
	9.5	8.5	127	12.6	126	13.1	126	13.5	126	13.8	126	14.0	125	14.4
	13.0	12.0	132	13.0	132	13.5	132	13.8	132	14.1	131	14.3	131	14.7
	15.0	14.0	136	13.2	136	13.7	135	14.0	135	14.3	135	14.5	135	14.9
	17.0	15.5	139	13.4	138	13.8	138	14.2	138	14.4	138	14.6	137	15.0
	19.0	18.0	143	13.6	143	14.1	143	14.4	143	14.6	142	14.8	142	15.2
	22.0	20.0	147	13.8	147	14.3	147	14.6	146	14.8	146	15.0	146	15.3
	26.0	24.0	156	14.2	155	14.6	155	14.9	155	15.1	155	15.3	154	15.7
	30.0	28.0	165	14.6	164	15.0	164	15.3	164	15.5	164	15.7	162	15.7
	35.0	32.0	175	15.0	174	15.3	174	15.6	174	15.8	172	15.7	162	14.6
	39.0	36.0	185	15.3	185	15.7	184	15.9	178	15.3	172	14.6	162	13.5
	44.0	40.0	196	15.6	195	15.8	185	14.8	178	14.2	172	13.5	162	12.6
	47.0	43.0	205	15.9	195	15.0	185	14.0	178	13.4	172	12.8	162	11.9
	51.0	47.0	208	15.1	195	13.9	185	13.1	178	12.5	172	11.9	162	11.1
	54.0	50.0	208	14.3	195	13.2	185	12.4	178	11.8	172	11.3	162	10.6
	57.0	53.0	208	13.5	195	12.5	185	11.7	178	11.3	172	10.8	162	10.0
	60.0	56.0	208	12.8	195	11.9	185	11.2	178	10.7	172	10.2	162	9.56

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	110	12.2	110	12.7	109	13.1	109	13.4	109	13.7	109	14.1
	-1.84	-2.2	112	12.3	112	12.9	111	13.3	111	13.5	111	13.8	111	14.2
	5.5	5.0	121	13.0	121	13.5	120	13.9	120	14.1	120	14.3	120	14.7
	9.5	8.5	126	13.3	126	13.8	126	14.2	125	14.4	125	14.6	125	15.0
	13.0	12.0	132	13.7	132	14.1	131	14.5	131	14.7	131	14.9	131	15.2
	15.0	14.0	135	13.9	135	14.3	135	14.6	135	14.8	134	15.1	134	15.4
	17.0	15.5	138	14.0	138	14.4	138	14.8	137	15.0	137	15.2	137	15.5
	19.0	18.0	143	14.3	142	14.7	142	15.0	142	15.2	142	15.4	142	15.7
	22.0	20.0	147	14.4	146	14.8	146	15.1	146	15.3	146	15.5	146	15.8
	26.0	24.0	155	14.8	155	15.2	155	15.5	154	15.6	154	15.8	147	15.0
	30.0	28.0	164	15.2	164	15.5	164	15.8	162	15.7	156	15.0	147	13.9
	35.0	32.0	174	15.5	174	15.8	168	15.3	162	14.6	156	13.9	147	12.9
	39.0	36.0	185	15.8	177	15.1	168	14.2	162	13.6	156	12.9	147	12.1
	44.0	40.0	189	15.2	177	14.1	168	13.2	162	12.6	156	12.1	147	11.2
	47.0	43.0	189	14.4	177	13.3	168	12.5	162	12.0	156	11.4	147	10.7
	51.0	47.0	189	13.4	177	12.4	168	11.6	162	11.1	156	10.7	147	9.96
	54.0	50.0	189	12.7	177	11.8	168	11.1	162	10.6	156	10.1	147	9.47
	57.0	53.0	189	12.1	177	11.2	168	10.5	162	10.1	156	9.64	147	9.02
	60.0	56.0	189	11.5	177	10.6	168	9.99	162	9.58	156	9.18	147	8.59
90	-3.64	-4.0	110	13.0	109	13.5	109	13.9	109	14.1	109	14.3	108	14.7
	-1.84	-2.2	111	13.2	111	13.6	111	14.0	111	14.2	111	14.5	110	14.8
	5.5	5.0	121	13.8	120	14.2	120	14.5	120	14.7	120	15.0	119	15.3
	9.5	8.5	126	14.1	125	14.5	125	14.8	125	15.0	125	15.2	125	15.5
	13.0	12.0	131	14.4	131	14.8	131	15.1	131	15.3	131	15.5	130	15.8
	15.0	14.0	135	14.6	135	14.9	134	15.2	134	15.4	134	15.6	132	15.6
	17.0	15.5	138	14.7	137	15.1	137	15.3	137	15.5	137	15.7	132	15.2
	19.0	18.0	142	14.9	142	15.3	142	15.5	142	15.7	140	15.7	132	14.6
	22.0	20.0	146	15.1	146	15.4	146	15.7	146	15.9	140	15.2	132	14.1
	26.0	24.0	155	15.4	154	15.7	151	15.5	146	14.8	140	14.1	132	13.1
	30.0	28.0	164	15.7	159	15.4	151	14.4	146	13.8	140	13.1	132	12.2
	35.0	32.0	170	15.5	159	14.3	151	13.4	146	12.8	140	12.2	132	11.4
	39.0	36.0	170	14.4	159	13.3	151	12.5	146	11.9	140	11.4	132	10.6
	44.0	40.0	170	13.4	159	12.4	151	11.6	146	11.1	140	10.6	132	9.94
	47.0	43.0	170	12.7	159	11.7	151	11.0	146	10.6	140	10.1	132	9.45
	51.0	47.0	170	11.8	159	10.9	151	10.3	146	9.87	140	9.45	132	8.84
	54.0	50.0	170	11.2	159	10.4	151	9.78	146	9.38	140	8.99	132	8.42
	57.0	53.0	170	10.7	159	9.88	151	9.31	146	8.93	140	8.57	132	8.02
	60.0	56.0	170	10.1	159	9.40	151	8.86	146	8.51	140	8.17	132	7.66
80	-3.64	-4.0	109	13.9	109	14.3	109	14.6	108	14.8	108	15.0	108	15.4
	-1.84	-2.2	111	14.0	111	14.4	110	14.7	110	14.9	110	15.1	110	15.5
	5.5	5.0	120	14.5	120	14.9	120	15.2	119	15.4	119	15.6	118	15.6
	9.5	8.5	125	14.8	125	15.2	125	15.4	125	15.6	124	15.8	118	14.7
	13.0	12.0	131	15.1	131	15.4	130	15.7	130	15.7	125	15.0	118	13.9
	15.0	14.0	134	15.2	134	15.6	134	15.8	130	15.2	125	14.5	118	13.5
	17.0	15.5	137	15.3	137	15.7	134	15.5	130	14.8	125	14.2	118	13.2
	19.0	18.0	142	15.5	142	15.9	134	14.9	130	14.2	125	13.6	118	12.6
	22.0	20.0	146	15.7	142	15.3	134	14.4	130	13.7	125	13.1	118	12.2
	26.0	24.0	151	15.5	142	14.3	134	13.4	130	12.8	125	12.2	118	11.4
	30.0	28.0	151	14.4	142	13.3	134	12.5	130	11.9	125	11.4	118	10.6
	35.0	32.0	151	13.4	142	12.4	134	11.6	130	11.1	125	10.7	118	9.94
	39.0	36.0	151	12.5	142	11.5	134	10.8	130	10.4	125	9.95	118	9.30
	44.0	40.0	151	11.6	142	10.7	134	10.1	130	9.70	125	9.30	118	8.70
	47.0	43.0	151	11.0	142	10.2	134	9.62	130	9.23	125	8.84	118	8.28
	51.0	47.0	151	10.3	142	9.54	134	9.00	130	8.64	125	8.29	118	7.77
	54.0	50.0	151	9.78	142	9.08	134	8.57	130	8.23	125	7.90	118	7.41
	57.0	53.0	151	9.31	142	8.65	134	8.16	130	7.85	125	7.53	118	7.07
	60.0	56.0	151	8.86	142	8.24	134	7.79	130	7.49	125	7.19	118	6.76

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	108	14.7	108	15.1	108	15.4	108	15.5	108	15.7	103	14.9
	-1.84	-2.2	110	14.8	110	15.2	110	15.5	110	15.6	109	15.7	103	14.6
	5.5	5.0	119	15.3	119	15.6	118	15.6	113	14.9	109	14.2	103	13.2
	9.5	8.5	125	15.5	124	15.7	118	14.7	113	14.1	109	13.5	103	12.5
	13.0	12.0	130	15.8	124	14.9	118	13.9	113	13.3	109	12.7	103	11.9
	15.0	14.0	132	15.6	124	14.4	118	13.5	113	12.9	109	12.3	103	11.5
	17.0	15.5	132	15.2	124	14.0	118	13.2	113	12.6	109	12.0	103	11.2
	19.0	18.0	132	14.6	124	13.4	118	12.6	113	12.1	109	11.5	103	10.8
	22.0	20.0	132	14.1	124	13.0	118	12.2	113	11.7	109	11.2	103	10.4
	26.0	24.0	132	13.1	124	12.1	118	11.4	113	10.9	109	10.4	103	9.76
	30.0	28.0	132	12.2	124	11.3	118	10.6	113	10.2	109	9.77	103	9.13
	35.0	32.0	132	11.4	124	10.6	118	9.94	113	9.54	109	9.14	103	8.55
	39.0	36.0	132	10.6	124	9.86	118	9.30	113	8.92	109	8.56	103	8.01
	44.0	40.0	132	9.94	124	9.22	118	8.70	113	8.35	109	8.02	103	7.52
	47.0	43.0	132	9.44	124	8.77	118	8.28	113	7.96	109	7.64	103	7.17
	51.0	47.0	132	8.84	124	8.22	118	7.76	113	7.47	109	7.17	103	6.74
	54.0	50.0	132	8.42	124	7.83	118	7.41	113	7.13	109	6.85	103	6.44
	57.0	53.0	132	8.02	124	7.47	118	7.07	113	6.81	109	6.54	103	6.16
	60.0	56.0	132	7.66	124	7.14	118	6.76	113	6.51	109	6.26	103	5.89
60	-3.64	-4.0	108	15.5	106	15.5	101	14.5	97.2	13.9	93.6	13.2	88.2	12.3
	-1.84	-2.2	110	15.6	106	15.1	101	14.2	97.2	13.6	93.6	13.0	88.2	12.1
	5.5	5.0	113	14.9	106	13.7	101	12.9	97.2	12.3	93.6	11.8	88.2	11.0
	9.5	8.5	113	14.1	106	13.0	101	12.2	97.2	11.7	93.6	11.2	88.2	10.4
	13.0	12.0	113	13.3	106	12.3	101	11.6	97.2	11.1	93.6	10.6	88.2	9.90
	15.0	14.0	113	12.9	106	11.9	101	11.2	97.2	10.7	93.6	10.3	88.2	9.60
	17.0	15.5	113	12.6	106	11.6	101	10.9	97.2	10.5	93.6	10.0	88.2	9.38
	19.0	18.0	113	12.1	106	11.2	101	10.5	97.2	10.1	93.6	9.65	88.2	9.02
	22.0	20.0	113	11.7	106	10.8	101	10.2	97.2	9.76	93.6	9.35	88.2	8.74
	26.0	24.0	113	10.9	106	10.1	101	9.53	97.2	9.15	93.6	8.77	88.2	8.21
	30.0	28.0	113	10.2	106	9.46	101	8.92	97.2	8.57	93.6	8.22	88.2	7.70
	35.0	32.0	113	9.54	106	8.86	101	8.36	97.2	8.03	93.6	7.71	88.2	7.23
	39.0	36.0	113	8.92	106	8.30	101	7.84	97.2	7.53	93.6	7.24	88.2	6.80
	44.0	40.0	113	8.35	106	7.78	101	7.35	97.2	7.07	93.6	6.80	88.2	6.39
	47.0	43.0	113	7.96	106	7.41	101	7.01	97.2	6.75	93.6	6.49	88.2	6.11
	51.0	47.0	113	7.47	106	6.96	101	6.59	97.2	6.35	93.6	6.11	88.2	5.76
	54.0	50.0	113	7.12	106	6.65	101	6.30	97.2	6.07	93.6	5.85	88.2	5.51
	57.0	53.0	113	6.80	106	6.36	101	6.03	97.2	5.81	93.6	5.60	88.2	5.28
	60.0	56.0	113	6.51	106	6.08	101	5.77	97.2	5.57	93.6	5.36	88.2	5.06
50	-3.64	-4.0	94.5	13.4	88.5	12.4	84.0	11.6	81.0	11.1	78.0	10.7	73.5	9.94
	-1.84	-2.2	94.5	13.1	88.5	12.1	84.0	11.4	81.0	10.9	78.0	10.4	73.5	9.74
	5.5	5.0	94.5	11.9	88.5	11.0	84.0	10.4	81.0	9.93	78.0	9.51	73.5	8.90
	9.5	8.5	94.5	11.3	88.5	10.5	84.0	9.86	81.0	9.46	78.0	9.06	73.5	8.48
	13.0	12.0	94.5	10.7	88.5	9.94	84.0	9.36	81.0	8.99	78.0	8.62	73.5	8.07
	15.0	14.0	94.5	10.4	88.5	9.64	84.0	9.08	81.0	8.72	78.0	8.36	73.5	7.84
	17.0	15.5	94.5	10.2	88.5	9.42	84.0	8.88	81.0	8.53	78.0	8.18	73.5	7.67
	19.0	18.0	94.5	9.76	88.5	9.06	84.0	8.54	81.0	8.21	78.0	7.88	73.5	7.39
	22.0	20.0	94.5	9.45	88.5	8.78	84.0	8.28	81.0	7.96	78.0	7.64	73.5	7.17
	26.0	24.0	94.5	8.86	88.5	8.24	84.0	7.78	81.0	7.48	78.0	7.19	73.5	6.75
	30.0	28.0	94.5	8.31	88.5	7.73	84.0	7.31	81.0	7.03	78.0	6.76	73.5	6.36
	35.0	32.0	94.5	7.79	88.5	7.26	84.0	6.87	81.0	6.61	78.0	6.36	73.5	5.99
	39.0	36.0	94.5	7.31	88.5	6.82	84.0	6.46	81.0	6.22	78.0	5.99	73.5	5.64
	44.0	40.0	94.5	6.87	88.5	6.41	84.0	6.08	81.0	5.86	78.0	5.64	73.5	5.32
	47.0	43.0	94.5	6.55	88.5	6.13	84.0	5.81	81.0	5.61	78.0	5.40	73.5	5.10
	51.0	47.0	94.5	6.17	88.5	5.77	84.0	5.48	81.0	5.29	78.0	5.10	73.5	4.82
	54.0	50.0	94.5	5.90	88.5	5.53	84.0	5.25	81.0	5.07	78.0	4.89	73.5	4.62
	57.0	53.0	94.5	5.65	88.5	5.30	84.0	5.04	81.0	4.86	78.0	4.69	73.5	4.44
	60.0	56.0	94.5	5.41	88.5	5.08	84.0	4.83	81.0	4.67	78.0	4.51	73.5	4.27

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	129	11.6	129	12.4	128	13.0	128	13.5	128	13.9	127	14.5
	-1.84	-2.2	131	11.8	131	12.6	130	13.3	130	13.7	130	14.1	129	14.7
	5.5	5.0	142	12.8	141	13.6	141	14.2	141	14.6	140	15.0	140	15.5
	9.5	8.5	148	13.4	147	14.1	147	14.7	147	15.0	146	15.4	146	16.0
	13.0	12.0	154	13.9	154	14.6	153	15.1	153	15.5	153	15.8	152	16.4
	15.0	14.0	158	14.2	158	14.9	157	15.4	157	15.7	157	16.1	157	16.6
	17.0	15.5	161	14.4	161	15.1	161	15.6	160	15.9	160	16.3	160	16.8
	19.0	18.0	167	14.8	166	15.5	166	15.9	166	16.3	165	16.6	165	17.1
	22.0	20.0	171	15.1	171	15.7	171	16.2	170	16.5	170	16.8	170	17.3
	26.0	24.0	181	15.7	181	16.3	180	16.7	180	17.0	180	17.3	179	17.8
	30.0	28.0	192	16.2	191	16.8	191	17.2	191	17.5	190	17.8	190	18.2
	35.0	32.0	203	16.7	203	17.3	202	17.7	202	17.9	202	18.2	201	18.6
	39.0	36.0	215	17.2	215	17.7	214	18.1	214	18.4	214	18.6	213	19.0
	44.0	40.0	228	17.7	227	18.2	227	18.5	227	18.8	227	19.0	223	18.9
	47.0	43.0	238	18.1	237	18.5	237	18.8	237	19.1	237	19.3	223	17.9
	51.0	47.0	252	18.5	252	18.9	251	19.2	246	18.8	237	17.9	223	16.7
	54.0	50.0	263	18.8	263	19.2	255	18.6	246	17.8	237	17.0	223	15.8
	57.0	53.0	275	19.1	268	18.8	255	17.6	246	16.9	237	16.1	223	15.0
	60.0	56.0	287	19.3	268	17.8	255	16.7	246	16.0	237	15.3	223	14.2
120	-3.64	-4.0	128	12.6	128	13.4	128	14.0	127	14.3	127	14.7	127	15.3
	-1.84	-2.2	131	12.8	130	13.6	130	14.2	130	14.5	129	14.9	129	15.5
	5.5	5.0	141	13.8	141	14.5	140	15.0	140	15.4	140	15.7	139	16.3
	9.5	8.5	147	14.3	147	14.9	146	15.5	146	15.8	146	16.1	145	16.6
	13.0	12.0	154	14.8	153	15.4	153	15.9	153	16.2	152	16.5	152	17.0
	15.0	14.0	158	15.0	157	15.7	157	16.1	157	16.5	156	16.8	156	17.3
	17.0	15.5	161	15.2	160	15.9	160	16.3	160	16.6	160	17.0	159	17.4
	19.0	18.0	166	15.6	166	16.2	165	16.6	165	16.9	165	17.2	165	17.7
	22.0	20.0	171	15.9	170	16.4	170	16.9	170	17.2	170	17.5	169	17.9
	26.0	24.0	181	16.4	180	16.9	180	17.4	180	17.6	179	17.9	179	18.3
	30.0	28.0	191	16.9	191	17.4	190	17.8	190	18.1	190	18.3	190	18.7
	35.0	32.0	202	17.4	202	17.9	202	18.2	201	18.5	201	18.7	201	19.1
	39.0	36.0	214	17.9	214	18.3	214	18.7	213	18.9	213	19.1	206	18.5
	44.0	40.0	227	18.3	227	18.7	226	19.1	226	19.3	218	18.5	206	17.1
	47.0	43.0	237	18.6	237	19.0	235	19.2	227	18.3	218	17.5	206	16.2
	51.0	47.0	252	19.0	248	19.0	235	17.8	227	17.0	218	16.2	206	15.1
	54.0	50.0	263	19.3	248	18.0	235	16.9	227	16.1	218	15.4	206	14.3
	57.0	53.0	265	18.5	248	17.0	235	16.0	227	15.3	218	14.6	206	13.6
	60.0	56.0	265	17.5	248	16.1	235	15.2	227	14.5	218	13.9	206	12.9
110	-3.64	-4.0	128	13.6	127	14.3	127	14.9	127	15.2	127	15.6	126	16.1
	-1.84	-2.2	130	13.8	130	14.5	129	15.1	129	15.4	129	15.8	129	16.3
	5.5	5.0	140	14.7	140	15.4	140	15.8	140	16.2	139	16.5	139	17.0
	9.5	8.5	146	15.2	146	15.8	146	16.2	146	16.6	145	16.9	145	17.3
	13.0	12.0	153	15.6	153	16.2	152	16.7	152	17.0	152	17.2	152	17.7
	15.0	14.0	157	15.9	157	16.4	156	16.9	156	17.2	156	17.5	156	17.9
	17.0	15.5	160	16.1	160	16.6	159	17.1	159	17.3	159	17.6	159	18.0
	19.0	18.0	166	16.4	165	16.9	165	17.3	165	17.6	164	17.9	164	18.3
	22.0	20.0	170	16.6	170	17.2	170	17.6	169	17.8	169	18.1	169	18.5
	26.0	24.0	180	17.1	180	17.6	179	18.0	179	18.2	179	18.5	179	18.9
	30.0	28.0	191	17.6	190	18.1	190	18.4	190	18.7	189	18.9	189	19.2
	35.0	32.0	202	18.0	201	18.5	201	18.8	201	19.0	200	19.2	189	17.8
	39.0	36.0	214	18.5	213	18.9	213	19.2	208	18.7	200	17.8	189	16.6
	44.0	40.0	227	18.9	226	19.3	216	18.2	208	17.4	200	16.6	189	15.4
	47.0	43.0	237	19.2	227	18.3	216	17.2	208	16.4	200	15.7	189	14.6
	51.0	47.0	243	18.5	227	17.0	216	16.0	208	15.3	200	14.6	189	13.6
	54.0	50.0	243	17.5	227	16.1	216	15.2	208	14.5	200	13.9	189	12.9
	57.0	53.0	243	16.6	227	15.3	216	14.4	208	13.8	200	13.2	189	12.3
	60.0	56.0	243	15.7	227	14.5	216	13.7	208	13.1	200	12.5	189	11.7

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	127	14.6	127	15.3	127	15.8	126	16.1	126	16.4	126	16.9
	-1.84	-2.2	129	14.8	129	15.5	129	15.9	129	16.3	128	16.6	128	17.1
	5.5	5.0	140	15.6	139	16.2	139	16.7	139	17.0	139	17.3	139	17.7
	9.5	8.5	146	16.1	145	16.6	145	17.0	145	17.3	145	17.6	145	18.0
	13.0	12.0	152	16.5	152	17.0	152	17.4	152	17.7	151	18.0	151	18.4
	15.0	14.0	156	16.7	156	17.2	156	17.6	156	17.9	155	18.1	155	18.5
	17.0	15.5	160	16.9	159	17.4	159	17.8	159	18.0	159	18.3	158	18.7
	19.0	18.0	165	17.2	165	17.7	164	18.0	164	18.3	164	18.5	164	18.9
	22.0	20.0	170	17.4	169	17.9	169	18.2	169	18.5	169	18.7	168	19.1
	26.0	24.0	179	17.8	179	18.3	179	18.6	179	18.9	178	19.1	172	18.3
	30.0	28.0	190	18.3	190	18.7	189	19.0	189	19.2	182	18.3	172	17.0
	35.0	32.0	201	18.7	201	19.1	196	18.7	189	17.9	182	17.0	172	15.9
	39.0	36.0	213	19.1	206	18.5	196	17.4	189	16.6	182	15.9	172	14.8
	44.0	40.0	220	18.7	206	17.2	196	16.1	189	15.4	182	14.8	172	13.8
	47.0	43.0	220	17.7	206	16.3	196	15.3	189	14.7	182	14.0	172	13.1
	51.0	47.0	220	16.4	206	15.2	196	14.3	189	13.7	182	13.1	172	12.2
	54.0	50.0	220	15.6	206	14.4	196	13.5	189	13.0	182	12.4	172	11.6
	57.0	53.0	220	14.8	206	13.7	196	12.9	189	12.3	182	11.8	172	11.0
	60.0	56.0	220	14.0	206	13.0	196	12.2	189	11.7	182	11.2	172	10.5
90	-3.64	-4.0	127	15.7	126	16.2	126	16.7	126	17.0	126	17.3	125	17.7
	-1.84	-2.2	129	15.8	128	16.4	128	16.8	128	17.1	128	17.4	128	17.9
	5.5	5.0	139	16.6	139	17.1	139	17.5	138	17.8	138	18.0	138	18.4
	9.5	8.5	145	16.9	145	17.5	145	17.8	144	18.1	144	18.3	144	18.7
	13.0	12.0	152	17.3	151	17.8	151	18.2	151	18.4	151	18.7	151	19.0
	15.0	14.0	156	17.5	155	18.0	155	18.4	155	18.6	155	18.8	154	19.1
	17.0	15.5	159	17.7	159	18.2	158	18.5	158	18.7	158	19.0	154	18.7
	19.0	18.0	164	17.9	164	18.4	164	18.7	164	19.0	163	19.2	154	17.9
	22.0	20.0	169	18.2	169	18.6	168	18.9	168	19.1	164	18.6	154	17.3
	26.0	24.0	179	18.6	178	19.0	176	19.0	170	18.1	164	17.3	154	16.1
	30.0	28.0	189	18.9	186	18.8	176	17.6	170	16.9	164	16.1	154	15.0
	35.0	32.0	198	19.0	186	17.5	176	16.4	170	15.7	164	15.0	154	14.0
	39.0	36.0	198	17.6	186	16.3	176	15.3	170	14.6	164	14.0	154	13.0
	44.0	40.0	198	16.4	186	15.1	176	14.2	170	13.6	164	13.0	154	12.2
	47.0	43.0	198	15.5	186	14.4	176	13.5	170	12.9	164	12.4	154	11.6
	51.0	47.0	198	14.5	186	13.4	176	12.6	170	12.1	164	11.6	154	10.8
	54.0	50.0	198	13.7	186	12.7	176	12.0	170	11.5	164	11.0	154	10.3
	57.0	53.0	198	13.1	186	12.1	176	11.4	170	10.9	164	10.5	154	9.83
	60.0	56.0	198	12.4	186	11.5	176	10.9	170	10.4	164	10.0	154	9.38
80	-3.64	-4.0	126	16.7	126	17.2	125	17.6	125	17.9	125	18.1	125	18.5
	-1.84	-2.2	128	16.8	128	17.4	128	17.7	128	18.0	127	18.3	127	18.6
	5.5	5.0	139	17.5	138	18.0	138	18.3	138	18.6	138	18.8	137	19.1
	9.5	8.5	145	17.8	144	18.3	144	18.6	144	18.9	144	19.1	137	18.1
	13.0	12.0	151	18.2	151	18.6	151	18.9	151	19.1	146	18.4	137	17.1
	15.0	14.0	155	18.4	155	18.8	155	19.1	151	18.6	146	17.8	137	16.5
	17.0	15.5	158	18.5	158	18.9	157	19.0	151	18.2	146	17.3	137	16.1
	19.0	18.0	164	18.7	164	19.1	157	18.2	151	17.4	146	16.6	137	15.5
	22.0	20.0	168	18.9	165	18.8	157	17.6	151	16.8	146	16.1	137	14.9
	26.0	24.0	176	19.0	165	17.5	157	16.4	151	15.7	146	15.0	137	14.0
	30.0	28.0	176	17.6	165	16.3	157	15.3	151	14.6	146	14.0	137	13.0
	35.0	32.0	176	16.4	165	15.2	157	14.2	151	13.6	146	13.0	137	12.2
	39.0	36.0	176	15.3	165	14.1	157	13.3	151	12.7	146	12.2	137	11.4
	44.0	40.0	176	14.2	165	13.2	157	12.4	151	11.9	146	11.4	137	10.7
	47.0	43.0	176	13.5	165	12.5	157	11.8	151	11.3	146	10.8	137	10.1
	51.0	47.0	176	12.6	165	11.7	157	11.0	151	10.6	146	10.1	137	9.51
	54.0	50.0	176	12.0	165	11.1	157	10.5	151	10.1	146	9.67	137	9.07
	57.0	53.0	176	11.4	165	10.6	157	10.0	151	9.61	146	9.23	137	8.66
	60.0	56.0	176	10.9	165	10.1	157	9.54	151	9.17	146	8.81	137	8.28

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB															
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	125	17.7	125	18.2	125	18.5	125	18.7	125	19.0	120	18.2
	-1.84	-2.2	128	17.9	127	18.3	127	18.6	127	18.9	127	19.1	120	17.8
	5.5	5.0	138	18.4	138	18.8	137	19.1	132	18.2	127	17.4	120	16.2
	9.5	8.5	144	18.7	144	19.1	137	18.1	132	17.3	127	16.5	120	15.3
	13.0	12.0	151	19.0	145	18.2	137	17.1	132	16.3	127	15.6	120	14.5
	15.0	14.0	154	19.1	145	17.6	137	16.5	132	15.8	127	15.1	120	14.1
	17.0	15.5	154	18.6	145	17.2	137	16.1	132	15.4	127	14.7	120	13.7
	19.0	18.0	154	17.9	145	16.5	137	15.5	132	14.8	127	14.1	120	13.2
	22.0	20.0	154	17.2	145	15.9	137	14.9	132	14.3	127	13.7	120	12.8
	26.0	24.0	154	16.1	145	14.9	137	14.0	132	13.4	127	12.8	120	12.0
	30.0	28.0	154	15.0	145	13.9	137	13.0	132	12.5	127	12.0	120	11.2
	35.0	32.0	154	14.0	145	12.9	137	12.2	132	11.7	127	11.2	120	10.5
	39.0	36.0	154	13.0	145	12.1	137	11.4	132	10.9	127	10.5	120	9.82
	44.0	40.0	154	12.2	145	11.3	137	10.7	132	10.2	127	9.82	120	9.21
	47.0	43.0	154	11.6	145	10.7	137	10.1	132	9.75	127	9.36	120	8.78
	51.0	47.0	154	10.8	145	10.1	137	9.51	132	9.15	127	8.79	120	8.25
	54.0	50.0	154	10.3	145	9.60	137	9.07	132	8.73	127	8.39	120	7.89
	57.0	53.0	154	9.83	145	9.16	137	8.66	132	8.34	127	8.02	120	7.54
	60.0	56.0	154	9.38	145	8.74	137	8.28	132	7.97	127	7.67	120	7.22
60	-3.64	-4.0	125	18.7	124	19.0	118	17.8	113	17.0	109	16.2	103	15.1
	-1.84	-2.2	127	18.9	124	18.6	118	17.4	113	16.6	109	15.9	103	14.8
	5.5	5.0	132	18.2	124	16.8	118	15.8	113	15.1	109	14.4	103	13.4
	9.5	8.5	132	17.3	124	15.9	118	15.0	113	14.3	109	13.7	103	12.8
	13.0	12.0	132	16.3	124	15.1	118	14.2	113	13.6	109	13.0	103	12.1
	15.0	14.0	132	15.8	124	14.6	118	13.7	113	13.2	109	12.6	103	11.8
	17.0	15.5	132	15.4	124	14.3	118	13.4	113	12.8	109	12.3	103	11.5
	19.0	18.0	132	14.8	124	13.7	118	12.9	113	12.3	109	11.8	103	11.1
	22.0	20.0	132	14.3	124	13.2	118	12.5	113	12.0	109	11.5	103	10.7
	26.0	24.0	132	13.4	124	12.4	118	11.7	113	11.2	109	10.7	103	10.1
	30.0	28.0	132	12.5	124	11.6	118	10.9	113	10.5	109	10.1	103	9.44
	35.0	32.0	132	11.7	124	10.9	118	10.2	113	9.84	109	9.44	103	8.86
	39.0	36.0	132	10.9	124	10.2	118	9.60	113	9.23	109	8.86	103	8.32
	44.0	40.0	132	10.2	124	9.52	118	9.01	113	8.66	109	8.33	103	7.83
	47.0	43.0	132	9.75	124	9.08	118	8.59	113	8.27	109	7.95	103	7.48
	51.0	47.0	132	9.15	124	8.53	118	8.08	113	7.78	109	7.49	103	7.05
	54.0	50.0	132	8.73	124	8.15	118	7.72	113	7.44	109	7.16	103	6.75
	57.0	53.0	132	8.34	124	7.79	118	7.38	113	7.12	109	6.86	103	6.47
	60.0	56.0	132	7.97	124	7.45	118	7.07	113	6.82	109	6.57	103	6.20
50	-3.64	-4.0	110	16.4	103	15.2	98.0	14.2	94.5	13.6	91.0	13.0	85.8	12.2
	-1.84	-2.2	110	16.1	103	14.8	98.0	13.9	94.5	13.4	91.0	12.8	85.8	11.9
	5.5	5.0	110	14.6	103	13.5	98.0	12.7	94.5	12.2	91.0	11.7	85.8	10.9
	9.5	8.5	110	13.9	103	12.8	98.0	12.1	94.5	11.6	91.0	11.1	85.8	10.4
	13.0	12.0	110	13.1	103	12.2	98.0	11.5	94.5	11.0	91.0	10.6	85.8	9.88
	15.0	14.0	110	12.7	103	11.8	98.0	11.1	94.5	10.7	91.0	10.2	85.8	9.60
	17.0	15.5	110	12.4	103	11.5	98.0	10.9	94.5	10.4	91.0	10.0	85.8	9.39
	19.0	18.0	110	12.0	103	11.1	98.0	10.5	94.5	10.1	91.0	9.65	85.8	9.05
	22.0	20.0	110	11.6	103	10.8	98.0	10.1	94.5	9.75	91.0	9.36	85.8	8.78
	26.0	24.0	110	10.9	103	10.1	98.0	9.53	94.5	9.17	91.0	8.80	85.8	8.27
	30.0	28.0	110	10.2	103	9.47	98.0	8.95	94.5	8.62	91.0	8.28	85.8	7.79
	35.0	32.0	110	9.54	103	8.89	98.0	8.41	94.5	8.10	91.0	7.79	85.8	7.33
	39.0	36.0	110	8.95	103	8.35	98.0	7.91	94.5	7.62	91.0	7.34	85.8	6.91
	44.0	40.0	110	8.41	103	7.86	98.0	7.45	94.5	7.18	91.0	6.91	85.8	6.52
	47.0	43.0	110	8.03	103	7.51	98.0	7.12	94.5	6.87	91.0	6.62	85.8	6.25
	51.0	47.0	110	7.56	103	7.07	98.0	6.72	94.5	6.48	91.0	6.25	85.8	5.90
	54.0	50.0	110	7.23	103	6.77	98.0	6.43	94.5	6.21	91.0	5.99	85.8	5.67
	57.0	53.0	110	6.92	103	6.49	98.0	6.17	94.5	5.96	91.0	5.75	85.8	5.44
	60.0	56.0	110	6.63	103	6.22	98.0	5.92	94.5	5.72	91.0	5.52	85.8	5.23

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	134	10.4	134	11.4	133	12.1	133	12.6	133	13.1	132	13.9
	-1.84	-2.2	137	10.7	136	11.6	136	12.4	135	12.9	135	13.4	135	14.1
	5.5	5.0	147	11.9	147	12.8	146	13.5	146	13.9	146	14.4	145	15.1
	9.5	8.5	153	12.5	153	13.4	152	14.0	152	14.5	152	14.9	152	15.6
	13.0	12.0	160	13.1	160	14.0	159	14.6	159	15.0	159	15.4	158	16.0
	15.0	14.0	164	13.5	164	14.3	163	14.9	163	15.3	163	15.7	162	16.3
	17.0	15.5	168	13.8	167	14.5	167	15.1	166	15.5	166	15.9	166	16.5
	19.0	18.0	173	14.2	173	15.0	172	15.5	172	15.9	172	16.3	171	16.9
	22.0	20.0	178	14.5	178	15.3	177	15.8	177	16.2	177	16.6	176	17.2
	26.0	24.0	188	15.2	188	15.9	187	16.4	187	16.8	187	17.2	186	17.7
	30.0	28.0	199	15.9	198	16.5	198	17.0	198	17.4	197	17.7	197	18.2
	35.0	32.0	211	16.5	210	17.1	210	17.6	209	17.9	209	18.2	209	18.7
	39.0	36.0	223	17.1	223	17.7	222	18.1	222	18.4	222	18.7	221	19.1
	44.0	40.0	236	17.6	236	18.2	235	18.6	235	18.9	235	19.2	234	19.6
	47.0	43.0	247	18.0	246	18.6	246	19.0	246	19.2	245	19.5	245	19.9
	51.0	47.0	261	18.5	261	19.0	261	19.4	260	19.7	260	19.9	255	19.7
	54.0	50.0	273	18.9	272	19.4	272	19.7	272	20.0	270	20.1	255	18.7
	57.0	53.0	285	19.2	284	19.7	284	20.0	281	19.9	270	19.0	255	17.7
	60.0	56.0	297	19.6	297	20.0	291	19.8	281	18.9	270	18.1	255	16.8
120	-3.64	-4.0	134	11.6	133	12.5	133	13.2	132	13.7	132	14.1	132	14.8
	-1.84	-2.2	136	11.8	135	12.8	135	13.4	135	13.9	134	14.3	134	15.0
	5.5	5.0	147	13.0	146	13.8	146	14.5	145	14.9	145	15.3	145	15.9
	9.5	8.5	153	13.6	152	14.4	152	15.0	152	15.4	151	15.8	151	16.4
	13.0	12.0	160	14.1	159	14.9	159	15.5	158	15.9	158	16.3	158	16.8
	15.0	14.0	164	14.5	163	15.2	163	15.8	163	16.2	162	16.5	162	17.1
	17.0	15.5	167	14.7	166	15.5	166	16.0	166	16.4	166	16.7	165	17.3
	19.0	18.0	173	15.1	172	15.8	172	16.4	171	16.7	171	17.1	171	17.6
	22.0	20.0	177	15.4	177	16.1	176	16.6	176	17.0	176	17.3	176	17.9
	26.0	24.0	187	16.1	187	16.7	187	17.2	186	17.5	186	17.9	186	18.3
	30.0	28.0	198	16.7	198	17.3	197	17.7	197	18.1	197	18.4	197	18.8
	35.0	32.0	210	17.2	209	17.8	209	18.3	209	18.5	209	18.8	208	19.3
	39.0	36.0	222	17.8	222	18.3	222	18.7	221	19.0	221	19.3	221	19.7
	44.0	40.0	236	18.3	235	18.8	235	19.2	235	19.5	234	19.7	234	20.1
	47.0	43.0	246	18.7	246	19.2	245	19.5	245	19.8	245	20.0	235	19.2
	51.0	47.0	261	19.1	260	19.6	260	20.0	259	20.1	250	19.2	235	17.9
	54.0	50.0	272	19.5	272	19.9	269	19.9	259	19.1	250	18.2	235	17.0
	57.0	53.0	284	19.8	283	20.2	269	18.9	259	18.1	250	17.3	235	16.1
	60.0	56.0	297	20.1	283	19.1	269	17.9	259	17.2	250	16.4	235	15.3
110	-3.64	-4.0	133	12.8	132	13.6	132	14.3	132	14.7	131	15.1	131	15.8
	-1.84	-2.2	135	13.0	135	13.9	134	14.5	134	14.9	134	15.3	133	16.0
	5.5	5.0	146	14.1	145	14.9	145	15.4	145	15.8	145	16.2	144	16.8
	9.5	8.5	152	14.6	152	15.4	151	15.9	151	16.3	151	16.6	150	17.2
	13.0	12.0	159	15.2	158	15.9	158	16.4	158	16.7	158	17.1	157	17.6
	15.0	14.0	163	15.5	163	16.1	162	16.7	162	17.0	162	17.3	161	17.9
	17.0	15.5	166	15.7	166	16.4	165	16.9	165	17.2	165	17.5	165	18.0
	19.0	18.0	172	16.1	171	16.7	171	17.2	171	17.5	171	17.8	170	18.3
	22.0	20.0	177	16.3	176	17.0	176	17.5	176	17.8	175	18.1	175	18.6
	26.0	24.0	187	16.9	186	17.5	186	18.0	186	18.3	185	18.6	185	19.0
	30.0	28.0	198	17.5	197	18.0	197	18.5	197	18.7	196	19.0	196	19.4
	35.0	32.0	209	18.0	209	18.5	208	18.9	208	19.2	208	19.5	208	19.9
	39.0	36.0	222	18.5	221	19.0	221	19.4	221	19.6	220	19.9	216	19.6
	44.0	40.0	235	19.0	235	19.5	234	19.8	234	20.0	229	19.6	216	18.2
	47.0	43.0	245	19.3	245	19.8	245	20.1	238	19.5	229	18.6	216	17.3
	51.0	47.0	260	19.8	260	20.2	246	18.9	238	18.1	229	17.3	216	16.1
	54.0	50.0	272	20.1	260	19.1	246	17.9	238	17.2	229	16.4	216	15.3
	57.0	53.0	277	19.6	260	18.1	246	17.0	238	16.3	229	15.6	216	14.6
	60.0	56.0	277	18.6	260	17.2	246	16.2	238	15.5	229	14.8	216	13.9

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	132	14.0	132	14.8	131	15.4	131	15.7	131	16.1	131	16.7
	-1.84	-2.2	134	14.2	134	15.0	134	15.6	133	15.9	133	16.3	133	16.9
	5.5	5.0	145	15.2	145	15.9	144	16.4	144	16.8	144	17.1	144	17.6
	9.5	8.5	151	15.7	151	16.3	151	16.8	150	17.2	150	17.5	150	18.0
	13.0	12.0	158	16.2	158	16.8	157	17.3	157	17.6	157	17.9	157	18.4
	15.0	14.0	162	16.4	162	17.1	162	17.5	161	17.8	161	18.2	161	18.6
	17.0	15.5	166	16.6	165	17.3	165	17.7	165	18.0	164	18.3	164	18.8
	19.0	18.0	171	17.0	171	17.6	170	18.0	170	18.3	170	18.6	170	19.1
	22.0	20.0	176	17.3	176	17.8	175	18.3	175	18.5	175	18.8	174	19.3
	26.0	24.0	186	17.8	186	18.3	185	18.7	185	19.0	185	19.3	185	19.7
	30.0	28.0	197	18.3	197	18.8	196	19.2	196	19.4	196	19.7	195	20.1
	35.0	32.0	209	18.8	208	19.2	208	19.6	208	19.9	207	20.1	196	18.8
	39.0	36.0	221	19.2	221	19.7	220	20.0	216	19.7	208	18.8	196	17.5
	44.0	40.0	234	19.7	234	20.1	224	19.1	216	18.3	208	17.5	196	16.3
	47.0	43.0	245	20.0	236	19.3	224	18.1	216	17.4	208	16.6	196	15.5
	51.0	47.0	252	19.4	236	18.0	224	16.9	216	16.2	208	15.5	196	14.4
	54.0	50.0	252	18.4	236	17.0	224	16.0	216	15.4	208	14.7	196	13.7
	57.0	53.0	252	17.5	236	16.2	224	15.2	216	14.6	208	14.0	196	13.1
	60.0	56.0	252	16.6	236	15.4	224	14.5	216	13.9	208	13.3	196	12.5
90	-3.64	-4.0	131	15.2	131	15.9	131	16.4	131	16.8	130	17.1	130	17.7
	-1.84	-2.2	134	15.4	133	16.1	133	16.6	133	17.0	133	17.3	132	17.8
	5.5	5.0	145	16.3	144	16.9	144	17.4	144	17.7	143	18.0	143	18.5
	9.5	8.5	151	16.7	150	17.3	150	17.8	150	18.1	150	18.4	149	18.8
	13.0	12.0	158	17.2	157	17.7	157	18.2	157	18.5	156	18.8	156	19.2
	15.0	14.0	162	17.4	161	18.0	161	18.4	161	18.7	161	19.0	160	19.4
	17.0	15.5	165	17.6	165	18.2	164	18.6	164	18.8	164	19.1	164	19.5
	19.0	18.0	171	17.9	170	18.4	170	18.8	170	19.1	169	19.4	169	19.8
	22.0	20.0	175	18.2	175	18.7	175	19.1	174	19.3	174	19.6	174	20.0
	26.0	24.0	185	18.6	185	19.1	185	19.5	185	19.7	184	20.0	176	19.0
	30.0	28.0	196	19.1	196	19.5	196	19.9	194	20.0	187	19.1	176	17.7
	35.0	32.0	208	19.5	208	20.0	202	19.4	194	18.6	187	17.8	176	16.5
	39.0	36.0	220	19.9	212	19.3	202	18.1	194	17.3	187	16.5	176	15.4
	44.0	40.0	227	19.4	212	17.9	202	16.8	194	16.1	187	15.4	176	14.4
	47.0	43.0	227	18.4	212	17.0	202	16.0	194	15.3	187	14.7	176	13.7
	51.0	47.0	227	17.1	212	15.9	202	14.9	194	14.3	187	13.7	176	12.8
	54.0	50.0	227	16.3	212	15.1	202	14.2	194	13.6	187	13.0	176	12.2
	57.0	53.0	227	15.4	212	14.3	202	13.5	194	13.0	187	12.4	176	11.6
	60.0	56.0	227	14.7	212	13.6	202	12.9	194	12.3	187	11.8	176	11.1
80	-3.64	-4.0	131	16.4	130	17.1	130	17.5	130	17.8	130	18.1	130	18.6
	-1.84	-2.2	133	16.6	133	17.2	132	17.7	132	18.0	132	18.3	132	18.7
	5.5	5.0	144	17.4	144	18.0	143	18.4	143	18.7	143	18.9	143	19.4
	9.5	8.5	150	17.8	150	18.3	149	18.7	149	19.0	149	19.3	149	19.7
	13.0	12.0	157	18.2	156	18.7	156	19.1	156	19.3	156	19.6	156	20.0
	15.0	14.0	161	18.4	161	18.9	160	19.3	160	19.5	160	19.8	157	19.6
	17.0	15.5	164	18.6	164	19.1	164	19.4	163	19.7	163	19.9	157	19.1
	19.0	18.0	170	18.8	170	19.3	169	19.7	169	19.9	166	19.7	157	18.3
	22.0	20.0	175	19.1	174	19.5	174	19.9	173	19.9	166	19.0	157	17.7
	26.0	24.0	185	19.5	184	19.9	179	19.4	173	18.6	166	17.7	157	16.5
	30.0	28.0	196	19.9	189	19.3	179	18.1	173	17.3	166	16.5	157	15.4
	35.0	32.0	202	19.4	189	17.9	179	16.9	173	16.1	166	15.4	157	14.4
	39.0	36.0	202	18.1	189	16.7	179	15.7	173	15.1	166	14.4	157	13.5
	44.0	40.0	202	16.8	189	15.6	179	14.7	173	14.1	166	13.5	157	12.6
	47.0	43.0	202	16.0	189	14.8	179	13.9	173	13.4	166	12.8	157	12.0
	51.0	47.0	202	14.9	189	13.8	179	13.0	173	12.5	166	12.0	157	11.3
	54.0	50.0	202	14.2	189	13.2	179	12.4	173	11.9	166	11.5	157	10.7
	57.0	53.0	202	13.5	189	12.5	179	11.8	173	11.4	166	10.9	157	10.3
	60.0	56.0	202	12.9	189	12.0	179	11.3	173	10.9	166	10.4	157	9.80

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB																	
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	130	17.7	130	18.2	130	18.6	129	18.9	129	19.1	129	19.5
	-1.84	-2.2	132	17.8	132	18.3	132	18.7	132	19.0	132	19.3	131	19.7
	5.5	5.0	143	18.5	143	19.0	143	19.4	142	19.6	142	19.8	137	19.1
	9.5	8.5	149	18.8	149	19.3	149	19.7	149	19.9	146	19.5	137	18.2
	13.0	12.0	156	19.2	156	19.6	156	20.0	151	19.3	146	18.5	137	17.2
	15.0	14.0	160	19.4	160	19.8	157	19.6	151	18.7	146	17.9	137	16.7
	17.0	15.5	164	19.5	163	20.0	157	19.1	151	18.3	146	17.4	137	16.3
	19.0	18.0	169	19.8	165	19.5	157	18.3	151	17.5	146	16.7	137	15.6
	22.0	20.0	174	20.0	165	18.8	157	17.7	151	16.9	146	16.2	137	15.1
	26.0	24.0	176	19.0	165	17.6	157	16.5	151	15.8	146	15.2	137	14.1
	30.0	28.0	176	17.7	165	16.4	157	15.4	151	14.8	146	14.2	137	13.2
	35.0	32.0	176	16.5	165	15.3	157	14.4	151	13.8	146	13.3	137	12.4
	39.0	36.0	176	15.4	165	14.3	157	13.5	151	12.9	146	12.4	137	11.6
	44.0	40.0	176	14.4	165	13.4	157	12.6	151	12.1	146	11.6	137	10.9
	47.0	43.0	176	13.7	165	12.7	157	12.0	151	11.5	146	11.1	137	10.4
	51.0	47.0	176	12.8	165	11.9	157	11.3	151	10.8	146	10.4	137	9.77
	54.0	50.0	176	12.2	165	11.4	157	10.7	151	10.3	146	9.93	137	9.33
	57.0	53.0	176	11.6	165	10.8	157	10.3	151	9.87	146	9.49	137	8.93
	60.0	56.0	176	11.1	165	10.3	157	9.80	151	9.43	146	9.07	137	8.54
60	-3.64	-4.0	129	18.9	129	19.3	129	19.7	129	19.9	125	19.2	118	17.9
	-1.84	-2.2	132	19.0	131	19.5	131	19.8	130	19.7	125	18.8	118	17.5
	5.5	5.0	142	19.6	142	19.9	134	18.7	130	17.9	125	17.1	118	15.9
	9.5	8.5	149	19.9	142	18.9	134	17.7	130	17.0	125	16.2	118	15.1
	13.0	12.0	151	19.3	142	17.9	134	16.8	130	16.1	125	15.4	118	14.4
	15.0	14.0	151	18.7	142	17.3	134	16.3	130	15.6	125	14.9	118	13.9
	17.0	15.5	151	18.3	142	16.9	134	15.9	130	15.2	125	14.6	118	13.6
	19.0	18.0	151	17.5	142	16.2	134	15.2	130	14.6	125	14.0	118	13.1
	22.0	20.0	151	16.9	142	15.7	134	14.8	130	14.1	125	13.6	118	12.7
	26.0	24.0	151	15.8	142	14.7	134	13.8	130	13.3	125	12.7	118	11.9
	30.0	28.0	151	14.8	142	13.7	134	12.9	130	12.4	125	11.9	118	11.2
	35.0	32.0	151	13.8	142	12.8	134	12.1	130	11.6	125	11.2	118	10.5
	39.0	36.0	151	12.9	142	12.0	134	11.4	130	10.9	125	10.5	118	9.85
	44.0	40.0	151	12.1	142	11.3	134	10.7	130	10.3	125	9.86	118	9.27
	47.0	43.0	151	11.5	142	10.7	134	10.2	130	9.79	125	9.41	118	8.86
	51.0	47.0	151	10.8	142	10.1	134	9.56	130	9.21	125	8.86	118	8.35
	54.0	50.0	151	10.3	142	9.64	134	9.14	130	8.81	125	8.48	118	7.99
	57.0	53.0	151	9.87	142	9.22	134	8.74	130	8.43	125	8.12	118	7.66
	60.0	56.0	151	9.43	142	8.82	134	8.37	130	8.07	125	7.78	118	7.34
50	-4.0	-4.0	126	19.4	118	17.9	112	16.9	108	16.1	104	15.4	98.0	14.4
	-2.2	-2.2	126	19.0	118	17.6	112	16.5	108	15.8	104	15.1	98.0	14.1
	5.0	5.0	126	17.3	118	16.0	112	15.0	108	14.4	104	13.8	98.0	12.9
	8.5	8.5	126	16.4	118	15.2	112	14.3	108	13.7	104	13.1	98.0	12.3
	12.0	12.0	126	15.5	118	14.4	112	13.6	108	13.0	104	12.5	98.0	11.7
	14.0	14.0	126	15.1	118	14.0	112	13.2	108	12.6	104	12.1	98.0	11.4
	15.5	15.5	126	14.7	118	13.7	112	12.9	108	12.4	104	11.9	98.0	11.1
	18.0	18.0	126	14.1	118	13.1	112	12.4	108	11.9	104	11.4	98.0	10.7
	20.0	20.0	126	13.7	118	12.7	112	12.0	108	11.5	104	11.1	98.0	10.4
	24.0	24.0	126	12.8	118	11.9	112	11.3	108	10.8	104	10.4	98.0	9.79
	28.0	28.0	126	12.0	118	11.2	112	10.6	108	10.2	104	9.80	98.0	9.22
	32.0	32.0	126	11.3	118	10.5	112	9.96	108	9.59	104	9.22	98.0	8.68
	36.0	36.0	126	10.6	118	9.89	112	9.37	108	9.02	104	8.68	98.0	8.18
	40.0	40.0	126	9.95	118	9.30	112	8.81	108	8.50	104	8.18	98.0	7.72
	43.0	43.0	126	9.50	118	8.89	112	8.43	108	8.13	104	7.83	98.0	7.39
	47.0	47.0	126	8.95	118	8.37	112	7.95	108	7.67	104	7.40	98.0	6.99
	50.0	50.0	126	8.56	118	8.02	112	7.62	108	7.35	104	7.09	98.0	6.71
	53.0	53.0	126	8.19	118	7.68	112	7.30	108	7.05	104	6.81	98.0	6.44
	56.0	56.0	126	7.85	118	7.37	112	7.01	108	6.77	104	6.54	98.0	6.19

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	152	12.2	151	13.4	150	14.3	150	14.8	150	15.4	149	16.3
	-1.84	-2.2	154	12.6	154	13.7	153	14.6	153	15.1	152	15.7	152	16.6
	5.5	5.0	166	14.0	166	15.0	165	15.8	165	16.3	165	16.9	164	17.7
	9.5	8.5	173	14.7	173	15.7	172	16.5	172	17.0	172	17.5	171	18.2
	13.0	12.0	181	15.4	180	16.4	180	17.1	180	17.6	179	18.1	179	18.8
	15.0	14.0	186	15.8	185	16.8	185	17.5	184	17.9	184	18.4	184	19.1
	17.0	15.5	189	16.1	189	17.0	188	17.7	188	18.2	188	18.6	187	19.3
	19.0	18.0	196	16.6	195	17.5	195	18.2	194	18.6	194	19.1	194	19.7
	22.0	20.0	201	17.0	201	17.9	200	18.5	200	19.0	199	19.4	199	20.0
	26.0	24.0	213	17.8	212	18.6	211	19.2	211	19.6	211	20.0	210	20.6
	30.0	28.0	225	18.5	224	19.3	224	19.9	223	20.3	223	20.6	223	21.2
	35.0	32.0	238	19.2	237	20.0	237	20.5	237	20.9	236	21.2	236	21.8
	39.0	36.0	252	19.9	251	20.6	251	21.1	251	21.4	250	21.8	250	22.3
	44.0	40.0	267	20.5	266	21.2	266	21.7	266	22.0	265	22.3	265	22.8
	47.0	43.0	279	21.0	278	21.6	278	22.1	277	22.4	277	22.7	277	23.1
	51.0	47.0	295	21.6	295	22.1	294	22.6	294	22.9	294	23.2	287	22.8
	54.0	50.0	308	22.0	308	22.5	307	22.9	307	23.2	304	23.2	287	21.6
	57.0	53.0	322	22.3	321	22.9	321	23.3	316	23.0	304	22.0	287	20.4
	60.0	56.0	336	22.7	335	23.2	328	22.8	316	21.8	304	20.8	287	19.4
120	-3.64	-4.0	151	13.6	150	14.7	150	15.5	150	16.1	149	16.6	149	17.4
	-1.84	-2.2	153	13.9	153	15.0	152	15.8	152	16.3	152	16.8	151	17.6
	5.5	5.0	166	15.2	165	16.2	165	17.0	164	17.4	164	17.9	164	18.7
	9.5	8.5	173	15.9	172	16.8	172	17.5	171	18.0	171	18.5	171	19.2
	13.0	12.0	180	16.6	180	17.5	179	18.1	179	18.6	179	19.0	178	19.7
	15.0	14.0	185	16.9	184	17.8	184	18.5	184	18.9	183	19.3	183	20.0
	17.0	15.5	189	17.2	188	18.1	188	18.7	187	19.1	187	19.6	187	20.2
	19.0	18.0	195	17.7	194	18.5	194	19.1	194	19.5	193	20.0	193	20.6
	22.0	20.0	200	18.1	200	18.9	199	19.5	199	19.9	199	20.3	198	20.9
	26.0	24.0	212	18.8	211	19.5	211	20.1	210	20.5	210	20.8	210	21.4
	30.0	28.0	224	19.5	223	20.2	223	20.7	223	21.1	222	21.4	222	21.9
	35.0	32.0	237	20.1	237	20.8	236	21.3	236	21.6	236	22.0	235	22.5
	39.0	36.0	251	20.7	251	21.4	250	21.8	250	22.2	250	22.5	249	22.9
	44.0	40.0	266	21.3	266	21.9	265	22.4	265	22.7	265	23.0	264	23.4
	47.0	43.0	278	21.7	278	22.3	277	22.7	277	23.0	277	23.3	265	22.2
	51.0	47.0	295	22.3	294	22.8	294	23.2	292	23.2	281	22.2	265	20.7
	54.0	50.0	308	22.6	307	23.1	302	23.0	292	22.0	281	21.0	265	19.6
	57.0	53.0	321	23.0	319	23.2	302	21.8	292	20.9	281	19.9	265	18.6
	60.0	56.0	335	23.3	319	22.0	302	20.7	292	19.8	281	18.9	265	17.7
110	-3.64	-4.0	150	15.0	150	16.0	149	16.8	149	17.3	149	17.8	148	18.5
	-1.84	-2.2	153	15.3	152	16.3	152	17.0	151	17.5	151	18.0	151	18.7
	5.5	5.0	165	16.5	164	17.4	164	18.1	164	18.5	163	19.0	163	19.7
	9.5	8.5	172	17.1	171	18.0	171	18.6	171	19.1	170	19.5	170	20.1
	13.0	12.0	180	17.7	179	18.6	179	19.2	178	19.6	178	20.0	178	20.6
	15.0	14.0	184	18.1	184	18.9	183	19.5	183	19.9	183	20.3	182	20.9
	17.0	15.5	188	18.3	187	19.1	187	19.7	187	20.1	186	20.5	186	21.1
	19.0	18.0	194	18.8	194	19.5	193	20.1	193	20.5	193	20.8	192	21.4
	22.0	20.0	200	19.1	199	19.8	199	20.4	198	20.8	198	21.1	198	21.7
	26.0	24.0	211	19.8	210	20.5	210	21.0	210	21.3	210	21.7	209	22.2
	30.0	28.0	223	20.4	223	21.0	222	21.5	222	21.9	222	22.2	221	22.7
	35.0	32.0	236	21.0	236	21.6	236	22.1	235	22.4	235	22.7	235	23.1
	39.0	36.0	251	21.6	250	22.1	250	22.6	249	22.9	249	23.2	243	22.7
	44.0	40.0	266	22.1	265	22.6	265	23.1	264	23.3	257	22.7	243	21.1
	47.0	43.0	277	22.5	277	23.0	276	23.4	267	22.5	257	21.5	243	20.0
	51.0	47.0	294	23.0	292	23.3	277	21.8	267	20.9	257	20.0	243	18.6
	54.0	50.0	307	23.3	292	22.1	277	20.7	267	19.8	257	19.0	243	17.7
	57.0	53.0	312	22.6	292	20.9	277	19.6	267	18.8	257	18.0	243	16.8
	60.0	56.0	312	21.5	292	19.8	277	18.7	267	17.9	257	17.1	243	16.0

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	149	16.5	149	17.4	148	18.0	148	18.5	148	18.9	148	19.6
	-1.84	-2.2	152	16.7	151	17.6	151	18.3	151	18.7	151	19.1	150	19.8
	5.5	5.0	164	17.8	164	18.6	163	19.2	163	19.6	163	20.0	162	20.7
	9.5	8.5	171	18.4	171	19.1	170	19.7	170	20.1	170	20.5	169	21.1
	13.0	12.0	179	18.9	178	19.7	178	20.2	178	20.6	177	21.0	177	21.5
	15.0	14.0	183	19.2	183	20.0	183	20.5	182	20.9	182	21.2	182	21.8
	17.0	15.5	187	19.5	187	20.2	186	20.7	186	21.1	186	21.4	185	21.9
	19.0	18.0	193	19.9	193	20.5	193	21.1	192	21.4	192	21.7	192	22.2
	22.0	20.0	199	20.2	198	20.8	198	21.3	198	21.7	197	22.0	197	22.5
	26.0	24.0	210	20.8	210	21.4	209	21.9	209	22.2	209	22.5	209	23.0
	30.0	28.0	223	21.3	222	21.9	222	22.4	221	22.7	221	23.0	221	23.3
	35.0	32.0	236	21.9	235	22.4	235	22.8	235	23.1	234	23.4	221	21.7
	39.0	36.0	250	22.4	249	22.9	249	23.3	243	22.7	234	21.7	221	20.2
	44.0	40.0	265	22.9	264	23.4	252	22.1	243	21.1	234	20.2	221	18.8
	47.0	43.0	277	23.2	265	22.3	252	20.9	243	20.1	234	19.1	221	17.9
	51.0	47.0	283	22.5	265	20.7	252	19.5	243	18.7	234	17.9	221	16.7
	54.0	50.0	283	21.3	265	19.7	252	18.5	243	17.7	234	17.0	221	15.8
	57.0	53.0	283	20.2	265	18.7	252	17.6	243	16.8	234	16.1	221	15.1
	60.0	56.0	283	19.2	265	17.7	252	16.7	243	16.0	234	15.3	221	14.4
90	-3.64	-4.0	149	17.9	148	18.7	148	19.3	148	19.7	147	20.1	147	20.7
	-1.84	-2.2	151	18.1	151	18.9	150	19.5	150	19.9	150	20.3	150	20.9
	5.5	5.0	163	19.1	163	19.8	163	20.4	162	20.7	162	21.1	162	21.6
	9.5	8.5	170	19.6	170	20.3	170	20.8	169	21.2	169	21.5	169	22.0
	13.0	12.0	178	20.1	178	20.8	177	21.3	177	21.6	177	21.9	176	22.4
	15.0	14.0	183	20.4	182	21.0	182	21.5	182	21.8	181	22.2	181	22.6
	17.0	15.5	186	20.6	186	21.2	186	21.7	185	22.0	185	22.3	185	22.8
	19.0	18.0	193	20.9	192	21.5	192	22.0	192	22.3	191	22.6	191	23.1
	22.0	20.0	198	21.2	198	21.8	197	22.3	197	22.6	197	22.9	197	23.3
	26.0	24.0	209	21.7	209	22.3	209	22.7	208	23.0	208	23.3	198	22.1
	30.0	28.0	222	22.3	221	22.8	221	23.2	219	23.1	211	22.1	198	20.5
	35.0	32.0	235	22.8	234	23.3	227	22.5	219	21.5	211	20.5	198	19.1
	39.0	36.0	249	23.2	239	22.3	227	20.9	219	20.0	211	19.1	198	17.8
	44.0	40.0	255	22.4	239	20.7	227	19.5	219	18.6	211	17.8	198	16.7
	47.0	43.0	255	21.2	239	19.6	227	18.5	219	17.7	211	16.9	198	15.8
	51.0	47.0	255	19.8	239	18.3	227	17.2	219	16.5	211	15.8	198	14.8
	54.0	50.0	255	18.8	239	17.4	227	16.4	219	15.7	211	15.0	198	14.1
	57.0	53.0	255	17.8	239	16.5	227	15.6	219	14.9	211	14.3	198	13.4
	60.0	56.0	255	16.9	239	15.7	227	14.8	219	14.2	211	13.7	198	12.8
80	-3.64	-4.0	148	19.3	147	20.0	147	20.5	147	20.9	147	21.3	146	21.8
	-1.84	-2.2	150	19.5	150	20.2	150	20.7	149	21.1	149	21.4	149	22.0
	5.5	5.0	163	20.4	162	21.0	162	21.5	162	21.8	161	22.2	161	22.6
	9.5	8.5	170	20.8	169	21.4	169	21.9	169	22.2	168	22.5	168	23.0
	13.0	12.0	177	21.3	177	21.9	177	22.3	176	22.6	176	22.9	176	23.3
	15.0	14.0	182	21.5	181	22.1	181	22.5	181	22.8	181	23.1	176	22.7
	17.0	15.5	186	21.7	185	22.3	185	22.7	185	23.0	184	23.3	176	22.1
	19.0	18.0	192	22.0	192	22.6	191	23.0	191	23.2	187	22.8	176	21.2
	22.0	20.0	197	22.3	197	22.8	197	23.2	194	23.1	187	22.0	176	20.5
	26.0	24.0	209	22.7	208	23.2	202	22.5	194	21.5	187	20.5	176	19.1
	30.0	28.0	221	23.2	212	22.3	202	20.9	194	20.0	187	19.2	176	17.9
	35.0	32.0	227	22.5	212	20.8	202	19.5	194	18.7	187	17.9	176	16.7
	39.0	36.0	227	20.9	212	19.3	202	18.2	194	17.4	187	16.7	176	15.6
	44.0	40.0	227	19.5	212	18.0	202	17.0	194	16.3	187	15.6	176	14.6
	47.0	43.0	227	18.5	212	17.1	202	16.1	194	15.5	187	14.8	176	13.9
	51.0	47.0	227	17.2	212	16.0	202	15.1	194	14.5	187	13.9	176	13.0
	54.0	50.0	227	16.4	212	15.2	202	14.3	194	13.8	187	13.2	176	12.4
	57.0	53.0	227	15.6	212	14.5	202	13.7	194	13.1	187	12.6	176	11.8
	60.0	56.0	227	14.8	212	13.8	202	13.0	194	12.5	187	12.0	176	11.3

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB																	
			61		65		68		70		72		75							
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI						
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW						
70	-3.64	-4.0	147	20.7	147	21.3	146	21.8	146	22.1	146	22.4	146	22.9						
	-1.84	-2.2	150	20.9	149	21.5	149	22.0	149	22.3	149	22.6	148	23.0						
	5.5	5.0	162	21.6	161	22.2	161	22.6	161	22.9	161	23.2	154	22.2						
	9.5	8.5	169	22.0	168	22.6	168	23.0	168	23.3	164	22.7	154	21.1						
	13.0	12.0	176	22.4	176	22.9	176	23.3	170	22.4	164	21.4	154	20.0						
	15.0	14.0	181	22.7	181	23.2	176	22.7	170	21.7	164	20.7	154	19.3						
	17.0	15.5	185	22.8	184	23.3	176	22.1	170	21.2	164	20.2	154	18.9						
	19.0	18.0	191	23.1	186	22.6	176	21.2	170	20.3	164	19.4	154	18.1						
	22.0	20.0	197	23.3	186	21.8	176	20.5	170	19.6	164	18.8	154	17.5						
	26.0	24.0	198	23.0	186	20.4	176	19.1	170	18.3	164	17.6	154	16.4						
	30.0	28.0	198	22.5	186	19.0	176	17.9	170	17.1	164	16.4	154	15.3						
	35.0	32.0	198	19.1	186	17.7	176	16.7	170	16.0	164	15.3	154	14.3						
	39.0	36.0	198	17.8	186	16.5	176	15.6	170	15.0	164	14.3	154	13.4						
	44.0	40.0	198	16.6	186	15.5	176	14.6	170	14.0	164	13.4	154	12.6						
	47.0	43.0	198	15.8	186	14.7	176	13.9	170	13.3	164	12.8	154	12.0						
	51.0	47.0	198	14.8	186	13.8	176	13.0	170	12.5	164	12.0	154	11.3						
	54.0	50.0	198	14.1	186	13.1	176	12.4	170	11.9	164	11.5	154	10.8						
	57.0	53.0	198	13.4	186	12.5	176	11.8	170	11.4	164	10.9	154	10.3						
	60.0	56.0	198	12.8	186	11.9	176	11.3	170	10.9	164	10.5	154	9.85						
60	-3.64	-4.0	146	22.1	146	22.7	146	23.1	146	23.3	140	22.3	132	20.8						
	-1.84	-2.2	149	22.3	148	22.8	148	23.2	146	22.9	140	21.9	132	20.3						
	5.5	5.0	161	22.9	159	23.1	151	21.7	146	20.7	140	19.8	132	18.5						
	9.5	8.5	168	23.3	159	21.9	151	20.6	146	19.7	140	18.8	132	17.6						
	13.0	12.0	170	22.4	159	20.7	151	19.5	146	18.6	140	17.8	132	16.7						
	15.0	14.0	170	21.7	159	20.1	151	18.9	146	18.1	140	17.3	132	16.2						
	17.0	15.5	170	21.2	159	19.6	151	18.4	146	17.6	140	16.9	132	15.8						
	19.0	18.0	170	20.3	159	18.8	151	17.7	146	16.9	140	16.2	132	15.2						
	22.0	20.0	170	19.6	159	18.2	151	17.1	146	16.4	140	15.7	132	14.7						
	26.0	24.0	170	18.3	159	17.0	151	16.0	146	15.4	140	14.7	132	13.8						
	30.0	28.0	170	17.1	159	15.9	151	15.0	146	14.4	140	13.8	132	12.9						
	35.0	32.0	170	16.0	159	14.9	151	14.0	146	13.5	140	12.9	132	12.1						
	39.0	36.0	170	15.0	159	13.9	151	13.1	146	12.6	140	12.1	132	11.4						
	44.0	40.0	170	14.0	159	13.0	151	12.3	146	11.9	140	11.4	132	10.7						
	47.0	43.0	170	13.3	159	12.4	151	11.7	146	11.3	140	10.9	132	10.2						
	51.0	47.0	170	12.5	159	11.7	151	11.0	146	10.6	140	10.2	132	9.63						
	54.0	50.0	170	11.9	159	11.1	151	10.5	146	10.2	140	9.78	132	9.22						
	57.0	53.0	170	11.4	159	10.6	151	10.1	146	9.72	140	9.36	132	8.83						
	60.0	56.0	170	10.9	159	10.2	151	9.65	146	9.31	140	8.97	132	8.46						
50	-3.64	-4.0	142	22.6	133	20.9	126	19.6	122	18.8	117	18.0	110	16.8						
	-1.84	-2.2	142	22.1	133	20.4	126	19.2	122	18.4	117	17.6	110	16.4						
	5.5	5.0	142	20.0	133	18.5	126	17.5	122	16.7	117	16.0	110	15.0						
	9.5	8.5	142	19.0	133	17.6	126	16.6	122	15.9	117	15.3	110	14.3						
	13.0	12.0	142	18.0	133	16.7	126	15.8	122	15.1	117	14.5	110	13.6						
	15.0	14.0	142	17.5	133	16.2	126	15.3	122	14.7	117	14.1	110	13.2						
	17.0	15.5	142	17.1	133	15.8	126	14.9	122	14.3	117	13.8	110	12.9						
	19.0	18.0	142	16.4	133	15.2	126	14.4	122	13.8	117	13.2	110	12.4						
	22.0	20.0	142	15.9	133	14.8	126	13.9	122	13.4	117	12.8	110	12.0						
	26.0	24.0	142	14.9	133	13.8	126	13.1	122	12.6	117	12.1	110	11.3						
	30.0	28.0	142	13.9	133	13.0	126	12.3	122	11.8	117	11.3	110	10.7						
	35.0	32.0	142	13.1	133	12.2	126	11.5	122	11.1	117	10.7	110	10.0						
	39.0	36.0	142	12.3	133	11.4	126	10.8	122	10.4	117	10.0	110	9.46						
	44.0	40.0	142	11.5	133	10.7	126	10.2	122	9.82	117	9.46	110	8.92						
	47.0	43.0	142	11.0	133	10.3	126	9.74	122	9.39	117	9.05	110	8.54						
	51.0	47.0	142	10.3	133	9.67	126	9.18	122	8.86	117	8.54	110	8.07						
	54.0	50.0	142	9.87	133	9.25	126	8.79	122	8.48	117	8.18	110	7.74						
	57.0	53.0	142	9.45	133	8.86	126	8.42	122	8.14	117	7.85	110	7.43						
	60.0	56.0	142	9.05	133	8.49	126	8.08	122	7.81	117	7.54	110	7.14						

TC : Total capacity ; MBH

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

Note1 : [ ] is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
130	-3.64	-4.0	157	10.9	156	12.2	156	13.2	155	13.9	155	14.5	154	15.5
	-1.84	-2.2	159	11.3	159	12.6	158	13.5	158	14.2	158	14.8	157	15.8
	5.5	5.0	172	12.9	171	14.1	171	15.0	170	15.6	170	16.2	170	17.1
	9.5	8.5	179	13.7	179	14.8	178	15.7	178	16.3	177	16.8	177	17.7
	13.0	12.0	187	14.5	186	15.6	186	16.4	186	16.9	185	17.5	185	18.3
	15.0	14.0	192	14.9	191	16.0	191	16.8	190	17.3	190	17.9	189	18.7
	17.0	15.5	196	15.3	195	16.3	194	17.1	194	17.6	194	18.2	193	18.9
	19.0	18.0	202	15.9	202	16.9	201	17.6	201	18.1	200	18.6	200	19.4
	22.0	20.0	208	16.3	207	17.3	207	18.0	206	18.5	206	19.0	205	19.7
	26.0	24.0	220	17.2	219	18.1	218	18.8	218	19.3	218	19.7	217	20.4
	30.0	28.0	232	18.0	231	18.9	231	19.6	231	20.0	230	20.4	230	21.1
	35.0	32.0	246	18.8	245	19.6	244	20.3	244	20.7	244	21.1	243	21.7
	39.0	36.0	260	19.6	260	20.4	259	20.9	259	21.3	258	21.7	258	22.3
	44.0	40.0	276	20.3	275	21.0	274	21.6	274	21.9	274	22.3	273	22.9
	47.0	43.0	288	20.8	287	21.5	287	22.0	286	22.4	286	22.7	285	23.3
	51.0	47.0	305	21.5	304	22.1	304	22.6	303	22.9	303	23.3	302	23.8
	54.0	50.0	318	21.9	317	22.5	317	23.0	317	23.3	316	23.6	316	24.1
	57.0	53.0	332	22.3	331	22.9	331	23.4	330	23.7	330	24.0	319	23.2
	60.0	56.0	346	22.8	346	23.3	345	23.8	345	24.1	338	23.6	319	22.0
120	-3.64	-4.0	156	12.5	155	13.7	155	14.6	154	15.2	154	15.8	154	16.8
	-1.84	-2.2	159	12.8	158	14.0	157	14.9	157	15.5	157	16.1	156	17.0
	5.5	5.0	171	14.3	171	15.4	170	16.2	170	16.8	169	17.4	169	18.2
	9.5	8.5	178	15.1	178	16.1	177	16.9	177	17.4	177	18.0	176	18.8
	13.0	12.0	186	15.8	186	16.8	185	17.6	185	18.1	184	18.6	184	19.4
	15.0	14.0	191	16.2	190	17.2	190	18.0	190	18.5	189	18.9	189	19.7
	17.0	15.5	195	16.6	194	17.5	194	18.2	193	18.7	193	19.2	193	19.9
	19.0	18.0	201	17.1	201	18.0	200	18.7	200	19.2	200	19.6	199	20.3
	22.0	20.0	207	17.5	206	18.4	206	19.1	205	19.5	205	20.0	205	20.7
	26.0	24.0	219	18.3	218	19.2	218	19.8	217	20.2	217	20.7	216	21.3
	30.0	28.0	231	19.1	231	19.9	230	20.5	230	20.9	230	21.3	229	21.9
	35.0	32.0	245	19.8	244	20.6	244	21.2	243	21.5	243	21.9	243	22.5
	39.0	36.0	259	20.5	259	21.2	258	21.8	258	22.1	258	22.5	257	23.0
	44.0	40.0	275	21.2	274	21.9	274	22.4	273	22.7	273	23.0	272	23.5
	47.0	43.0	287	21.7	286	22.3	286	22.8	285	23.1	285	23.4	285	23.9
	51.0	47.0	304	22.3	303	22.9	303	23.3	302	23.6	302	23.9	294	23.4
	54.0	50.0	317	22.7	317	23.3	316	23.7	316	24.0	312	23.9	294	22.2
	57.0	53.0	331	23.1	331	23.6	330	24.1	324	23.7	312	22.6	294	21.1
	60.0	56.0	346	23.5	345	24.0	336	23.5	324	22.5	312	21.5	294	20.0
110	-3.64	-4.0	155	14.1	154	15.2	154	16.0	154	16.6	153	17.2	153	18.0
	-1.84	-2.2	158	14.4	157	15.5	157	16.3	156	16.9	156	17.4	156	18.2
	5.5	5.0	170	15.8	170	16.8	169	17.5	169	18.0	169	18.6	168	19.3
	9.5	8.5	178	16.4	177	17.4	176	18.1	176	18.6	176	19.1	175	19.8
	13.0	12.0	185	17.1	185	18.1	184	18.8	184	19.2	184	19.7	183	20.4
	15.0	14.0	190	17.5	190	18.4	189	19.1	189	19.6	189	20.0	188	20.7
	17.0	15.5	194	17.8	193	18.7	193	19.4	193	19.8	192	20.3	192	20.9
	19.0	18.0	201	18.3	200	19.2	200	19.8	199	20.2	199	20.7	198	21.3
	22.0	20.0	206	18.7	205	19.5	205	20.1	205	20.6	204	21.0	204	21.6
	26.0	24.0	218	19.4	217	20.2	217	20.8	216	21.2	216	21.6	216	22.2
	30.0	28.0	230	20.1	230	20.9	229	21.4	229	21.8	229	22.2	228	22.7
	35.0	32.0	244	20.8	243	21.5	243	22.0	243	22.4	242	22.7	242	23.3
	39.0	36.0	258	21.5	258	22.1	257	22.6	257	22.9	257	23.3	256	23.8
	44.0	40.0	274	22.1	273	22.7	273	23.2	273	23.5	272	23.8	270	23.9
	47.0	43.0	286	22.5	285	23.1	285	23.5	285	23.8	284	24.1	270	22.7
	51.0	47.0	303	23.1	302	23.6	302	24.0	297	23.7	286	22.7	270	21.1
	54.0	50.0	316	23.4	316	24.0	308	23.5	297	22.5	286	21.5	270	20.1
	57.0	53.0	330	23.8	324	23.7	308	22.3	297	21.3	286	20.4	270	19.1
	60.0	56.0	345	24.2	324	22.5	308	21.2	297	20.3	286	19.4	270	18.1

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB											
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
100	-3.64	-4.0	154	15.7	154	16.7	153	17.5	153	18.0	153	18.5	152	19.2
	-1.84	-2.2	157	16.0	156	17.0	156	17.7	156	18.2	155	18.7	155	19.5
	5.5	5.0	169	17.2	169	18.1	169	18.8	168	19.3	168	19.7	168	20.4
	9.5	8.5	177	17.8	176	18.7	176	19.4	175	19.8	175	20.3	175	20.9
	13.0	12.0	185	18.5	184	19.3	184	19.9	183	20.4	183	20.8	183	21.4
	15.0	14.0	189	18.8	189	19.6	188	20.3	188	20.7	188	21.1	187	21.7
	17.0	15.5	193	19.1	193	19.9	192	20.5	192	20.9	192	21.3	191	21.9
	19.0	18.0	200	19.5	199	20.3	199	20.9	198	21.3	198	21.7	198	22.2
	22.0	20.0	205	19.9	205	20.6	204	21.2	204	21.6	204	22.0	203	22.5
	26.0	24.0	217	20.6	216	21.3	216	21.8	216	22.2	215	22.5	215	23.0
	30.0	28.0	230	21.2	229	21.9	229	22.4	228	22.7	228	23.0	228	23.6
	35.0	32.0	243	21.8	243	22.5	242	22.9	242	23.2	242	23.6	241	24.0
	39.0	36.0	258	22.4	257	23.0	257	23.4	256	23.7	256	24.0	245	22.9
	44.0	40.0	273	23.0	272	23.5	272	23.9	270	24.0	260	22.9	245	21.3
	47.0	43.0	285	23.4	285	23.9	280	23.7	270	22.8	260	21.7	245	20.3
	51.0	47.0	302	23.9	295	23.5	280	22.1	270	21.2	260	20.3	245	18.9
	54.0	50.0	315	24.1	295	22.3	280	21.0	270	20.1	260	19.2	245	18.0
	57.0	53.0	315	22.9	295	21.2	280	19.9	270	19.1	260	18.3	245	17.1
	60.0	56.0	315	21.7	295	20.1	280	18.9	270	18.2	260	17.4	245	16.3
90	-3.64	-4.0	153	17.3	153	18.2	152	18.9	152	19.3	152	19.8	152	20.5
	-1.84	-2.2	156	17.6	156	18.5	155	19.1	155	19.6	155	20.0	154	20.7
	5.5	5.0	169	18.7	168	19.5	168	20.1	167	20.5	167	20.9	167	21.6
	9.5	8.5	176	19.2	175	20.0	175	20.6	175	21.0	174	21.4	174	22.0
	13.0	12.0	184	19.8	183	20.6	183	21.1	183	21.5	182	21.9	182	22.5
	15.0	14.0	188	20.1	188	20.9	188	21.4	187	21.8	187	22.2	187	22.7
	17.0	15.5	192	20.4	192	21.1	191	21.6	191	22.0	191	22.3	191	22.9
	19.0	18.0	199	20.8	198	21.5	198	22.0	198	22.3	197	22.7	197	23.2
	22.0	20.0	204	21.1	204	21.7	203	22.3	203	22.6	203	22.9	203	23.4
	26.0	24.0	216	21.7	216	22.3	215	22.8	215	23.1	215	23.4	214	23.9
	30.0	28.0	229	22.3	228	22.9	228	23.3	228	23.6	227	23.9	221	23.3
	35.0	32.0	242	22.8	242	23.4	241	23.8	241	24.1	234	23.3	221	21.7
	39.0	36.0	257	23.3	256	23.9	252	23.7	243	22.7	234	21.7	221	20.2
	44.0	40.0	272	23.8	265	23.5	252	22.1	243	21.1	234	20.2	221	18.9
	47.0	43.0	283	24.1	265	22.3	252	20.9	243	20.1	234	19.2	221	17.9
	51.0	47.0	283	22.4	265	20.8	252	19.5	243	18.7	234	17.9	221	16.8
	54.0	50.0	283	21.3	265	19.7	252	18.6	243	17.8	234	17.1	221	16.0
	57.0	53.0	283	20.2	265	18.7	252	17.7	243	16.9	234	16.3	221	15.2
	60.0	56.0	283	19.2	265	17.8	252	16.8	243	16.1	234	15.5	221	14.5
80	-3.64	-4.0	152	18.9	152	19.7	152	20.3	152	20.7	151	21.1	151	21.7
	-1.84	-2.2	155	19.1	155	19.9	154	20.5	154	20.9	154	21.3	154	21.9
	5.5	5.0	168	20.1	167	20.9	167	21.4	167	21.8	167	22.1	166	22.7
	9.5	8.5	175	20.6	174	21.3	174	21.9	174	22.2	174	22.6	173	23.1
	13.0	12.0	183	21.1	182	21.8	182	22.3	182	22.6	182	23.0	181	23.5
	15.0	14.0	188	21.4	187	22.1	187	22.6	187	22.9	186	23.2	186	23.7
	17.0	15.5	191	21.6	191	22.3	191	22.8	190	23.1	190	23.4	190	23.9
	19.0	18.0	198	22.0	198	22.6	197	23.1	197	23.4	197	23.7	196	24.1
	22.0	20.0	203	22.3	203	22.9	203	23.3	203	23.6	202	23.9	196	23.3
	26.0	24.0	215	22.8	215	23.4	214	23.8	214	24.1	208	23.3	196	21.7
	30.0	28.0	228	23.3	227	23.9	224	23.7	216	22.7	208	21.7	196	20.3
	35.0	32.0	241	23.8	236	23.5	224	22.1	216	21.2	208	20.3	196	18.9
	39.0	36.0	252	23.7	236	21.9	224	20.6	216	19.8	208	18.9	196	17.7
	44.0	40.0	252	22.1	236	20.4	224	19.2	216	18.4	208	17.7	196	16.5
	47.0	43.0	252	20.9	236	19.4	224	18.3	216	17.5	208	16.8	196	15.7
	51.0	47.0	252	19.5	236	18.1	224	17.1	216	16.4	208	15.7	196	14.7
	54.0	50.0	252	18.6	236	17.2	224	16.3	216	15.6	208	15.0	196	14.1
	57.0	53.0	252	17.7	236	16.4	224	15.5	216	14.9	208	14.3	196	13.4
	60.0	56.0	252	16.8	236	15.6	224	14.8	216	14.2	208	13.6	196	12.8

TC : Total capacity ; MBH

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

Note1 : is shown as reference.

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

Heating capacity

Combi-nation	Outdoor air temp.		Indoor air temp. F°DB															
			61		65		68		70		72		75	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
(%)	(F°DB)	(F°WB)	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW	MBH	kW
70	-3.64	-4.0	152	20.5	151	21.2	151	21.7	151	22.1	151	22.5	150	23.0
	-1.84	-2.2	154	20.7	154	21.4	154	21.9	153	22.3	153	22.6	153	23.1
	5.5	5.0	167	21.6	166	22.2	166	22.7	166	23.0	166	23.3	166	23.8
	9.5	8.5	174	22.0	174	22.6	173	23.1	173	23.4	173	23.7	172	23.9
	13.0	12.0	182	22.5	182	23.0	181	23.5	181	23.8	181	24.1	172	22.6
	15.0	14.0	187	22.7	186	23.3	186	23.7	186	24.0	182	23.5	172	21.9
	17.0	15.5	191	22.9	190	23.5	190	23.9	189	24.0	182	23.0	172	21.4
	19.0	18.0	197	23.2	197	23.7	196	24.1	189	23.0	182	22.0	172	20.5
	22.0	20.0	203	23.4	202	24.0	196	23.3	189	22.3	182	21.3	172	19.9
	26.0	24.0	214	23.9	206	23.1	196	21.7	189	20.8	182	19.9	172	18.6
	30.0	28.0	224	23.3	206	21.5	196	20.3	189	19.4	182	18.6	172	17.4
	35.0	32.0	220	21.7	206	20.1	196	18.9	189	18.2	182	17.4	172	16.3
	39.0	36.0	220	20.2	206	18.8	196	17.7	189	17.0	182	16.3	172	15.2
	44.0	40.0	220	18.9	206	17.5	196	16.5	189	15.9	182	15.2	172	14.3
	47.0	43.0	220	17.9	206	16.7	196	15.7	189	15.1	182	14.5	172	13.6
	51.0	47.0	220	16.8	206	15.6	196	14.7	189	14.2	182	13.6	172	12.8
	54.0	50.0	220	16.0	206	14.9	196	14.1	189	13.5	182	13.0	172	12.2
	57.0	53.0	220	15.2	206	14.2	196	13.4	189	12.9	182	12.4	172	11.7
	60.0	56.0	220	14.5	206	13.5	196	12.8	189	12.3	182	11.9	172	11.2
60	-3.64	-4.0	151	22.1	150	22.7	150	23.2	150	23.5	150	23.8	147	23.6
	-1.84	-2.2	153	22.3	153	22.9	153	23.3	153	23.6	153	23.9	147	23.1
	5.5	5.0	166	23.0	166	23.6	165	24.0	162	23.5	156	22.5	147	21.0
	9.5	8.5	173	23.4	173	23.9	168	23.3	162	22.3	156	21.4	147	19.9
	13.0	12.0	181	23.8	177	23.5	168	22.1	162	21.2	156	20.2	147	18.9
	15.0	14.0	186	24.0	177	22.8	168	21.4	162	20.5	156	19.6	147	18.3
	17.0	15.5	189	24.0	177	22.2	168	20.9	162	20.0	156	19.2	147	17.9
	19.0	18.0	189	23.0	177	21.3	168	20.0	162	19.2	156	18.4	147	17.2
	22.0	20.0	189	22.3	177	20.6	168	19.4	162	18.6	156	17.8	147	16.7
	26.0	24.0	189	20.8	177	19.3	168	18.2	162	17.4	156	16.7	147	15.6
	30.0	28.0	189	19.4	177	18.0	168	17.0	162	16.3	156	15.7	147	14.7
	35.0	32.0	189	18.2	177	16.9	168	15.9	162	15.3	156	14.7	147	13.8
	39.0	36.0	189	17.0	177	15.8	168	14.9	162	14.3	156	13.8	147	12.9
	44.0	40.0	189	15.9	177	14.8	168	14.0	162	13.4	156	12.9	147	12.1
	47.0	43.0	189	15.1	177	14.1	168	13.3	162	12.8	156	12.3	147	11.6
	51.0	47.0	189	14.2	177	13.2	168	12.5	162	12.1	156	11.6	147	10.9
	54.0	50.0	189	13.5	177	12.6	168	12.0	162	11.5	156	11.1	147	10.5
	57.0	53.0	189	12.9	177	12.1	168	11.4	162	11.0	156	10.6	147	10.0
	60.0	56.0	189	12.3	177	11.5	168	10.9	162	10.6	156	10.2	147	9.60
50	-3.64	-4.0	150	23.7	147	23.7	140	22.2	135	21.3	130	20.4	123	19.0
	-1.84	-2.2	153	23.8	147	23.2	140	21.8	135	20.9	130	20.0	123	18.6
	5.5	5.0	157	22.7	147	21.0	140	19.8	135	19.0	130	18.2	123	17.0
	9.5	8.5	157	21.6	147	20.0	140	18.8	135	18.1	130	17.3	123	16.2
	13.0	12.0	157	20.5	147	19.0	140	17.9	135	17.2	130	16.4	123	15.4
	15.0	14.0	157	19.8	147	18.4	140	17.3	135	16.6	130	16.0	123	15.0
	17.0	15.5	157	19.4	147	18.0	140	16.9	135	16.3	130	15.6	123	14.6
	19.0	18.0	157	18.6	147	17.3	140	16.3	135	15.7	130	15.0	123	14.1
	22.0	20.0	157	18.0	147	16.7	140	15.8	135	15.2	130	14.6	123	13.7
	26.0	24.0	157	16.9	147	15.7	140	14.8	135	14.3	130	13.7	123	12.9
	30.0	28.0	157	15.8	147	14.7	140	13.9	135	13.4	130	12.9	123	12.1
	35.0	32.0	157	14.8	147	13.8	140	13.1	135	12.6	130	12.1	123	11.4
	39.0	36.0	157	13.9	147	13.0	140	12.3	135	11.8	130	11.4	123	10.7
	44.0	40.0	157	13.0	147	12.2	140	11.6	135	11.1	130	10.7	123	10.1
	47.0	43.0	157	12.5	147	11.6	140	11.0	135	10.7	130	10.3	123	9.69
	51.0	47.0	157	11.7	147	11.0	140	10.4	135	10.0	130	9.69	123	9.15
	54.0	50.0	157	11.2	147	10.5	140	9.97	135	9.62	130	9.28	123	8.78
	57.0	53.0	157	10.7	147	10.0	140	9.55	135	9.23	130	8.91	123	8.43
	60.0	56.0	157	10.3	147	9.63	140	9.16	135	8.86	130	8.55	123	8.10

TC : Total capacity ; MBH

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

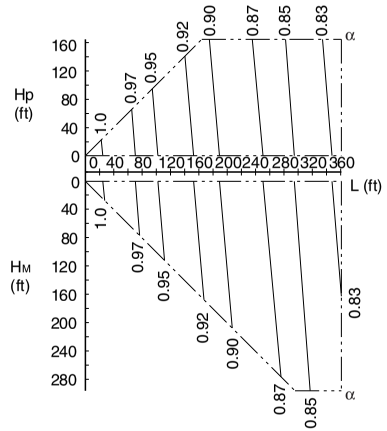
Note1 : ▒▒ is shown as reference.

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

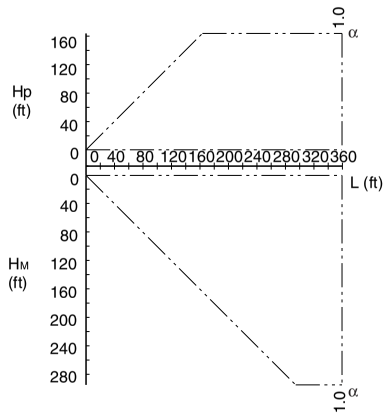
8.3 Capacity Correction Factor

RXYQ72PYDN

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 : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ72PYDN RXYQ72PTJU	ϕ 3/4	ϕ 3/8

[Temper grade and Thickness]

Temper grade	☐ Type		1/2H Type	
Outer diameter	ϕ 3/8	ϕ 1/2	ϕ 3/4	ϕ 7/8
Minimum Wall Thickness	0.80	0.80	0.80	0.80

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, 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 bellow, 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 gas and 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	gas	liquid
RXYQ72PYDN RXYQ72PTJU	ϕ 7/8	ϕ 1/2

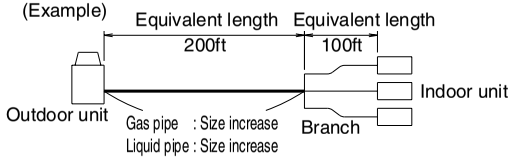
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example)

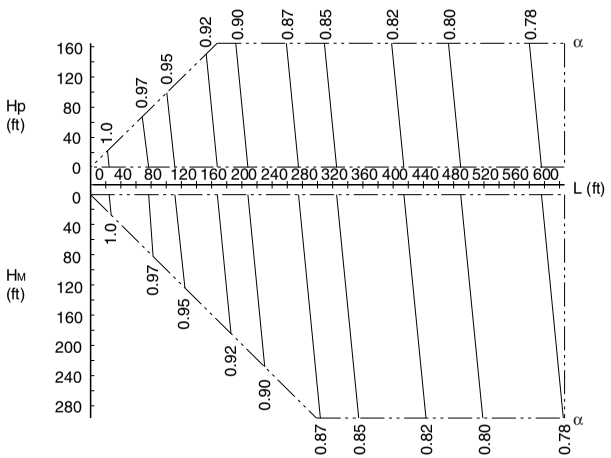


In the above case
(Cooling) Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
(Heating) Overall equivalent length = 200ft × 0.2 + 100ft = 140ft

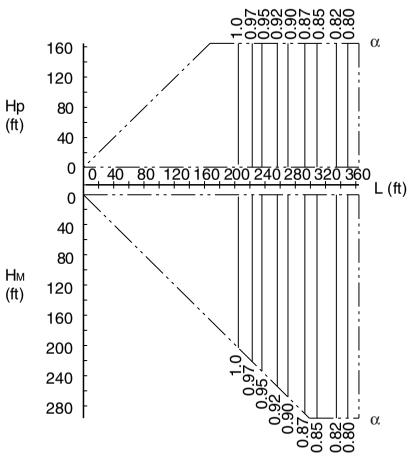
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.86
heating capacity when Hp = 0ft is thus approximately 1.0

3D058623

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
H_M : Level difference (ft) between indoor and outdoor units where indoor unit in superior position
L : Equivalent pipe length (ft)
α : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ96PYDN RXYQ96PTJU	ϕ 7/8	ϕ 3/8

[Temper grade and Thickness]

Temper grade	☐ Type		1/2H Type	
Outer diameter	ϕ 3/8	ϕ 1/2	ϕ 7/8	ϕ 1
Minimum Wall Thickness	0.80	0.80	0.80	0.88

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, 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 bellow, whichever smaller.
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   • 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 gas and 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	gas	liquid
RXYQ96PYDN RXYQ96PTJU	ϕ 1	ϕ 1/2

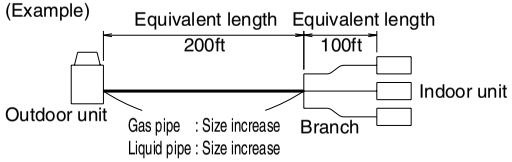
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.2

(Example)

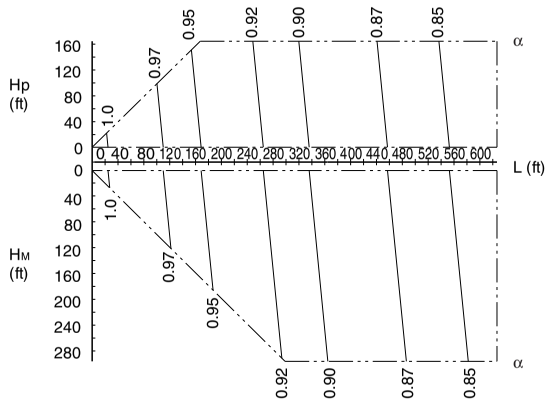


In the above case
(Cooling) Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
(Heating) Overall equivalent length = 200ft × 0.2 + 100ft = 140ft

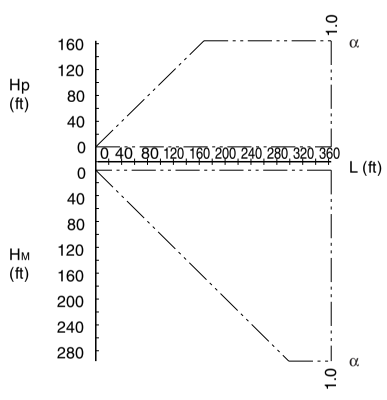
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.87
heating capacity when Hp = 0ft is thus approximately 1.00

3D058624

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

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

L : Equivalent pipe length (ft)

α : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ120, 144PYDN RXYQ120, 144PTJU	ϕ 1-1/8	ϕ 1/2
RXYQ240PYDN RXYQ240PTJU	ϕ 1-3/8	ϕ 5/8

[Temper grade and Thickness]

Temper grade	☐ Type		1/2H Type			
Outer diameter	ϕ 1/2	ϕ 5/8	ϕ 3/4	ϕ 7/8	ϕ 1-1/8	ϕ 1-3/8
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21

[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 bellow, 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 gas and 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	gas	liquid
RXYQ120, 144PYDN RXYQ120, 144PTJU	Not Increased	ϕ 5/8
RXYQ240PYDN RXYQ240PTJU		ϕ 3/4

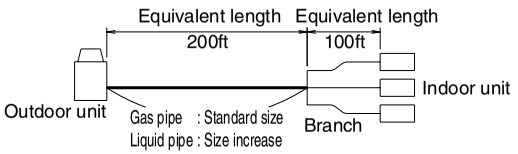
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		120 · 144	240
Cooling (gas pipe)	1.0		
Heating (liquid pipe)	1.0	0.3	0.4

(Example) In case of RXYQ240PYDN

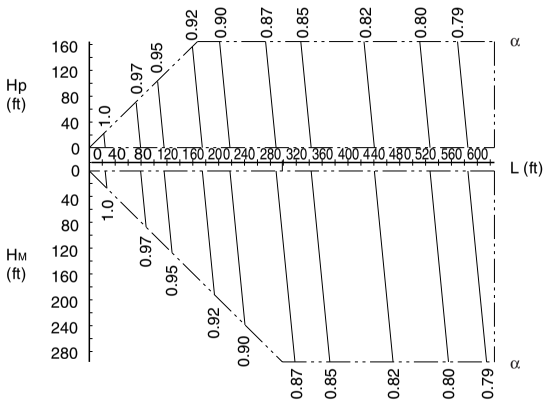


In the above case
(Cooling) Overall equivalent length = 200ft × 1.0 + 100ft = 300ft
(Heating) Overall equivalent length = 200ft × 0.4 + 100ft = 180ft

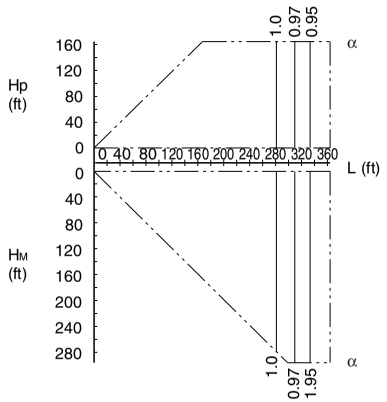
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.88
heating capacity when Hp = 0ft is thus approximately 1.0

3D058625A

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 : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ168PYDN RXYQ168PTJU	ϕ 1-1/8	ϕ 5/8

[Temper grade and Thickness]

Temper grade	☐ Type		1/2H Type	
Outer diameter	ϕ 1/2	ϕ 5/8	ϕ 1-1/8	ϕ 1-1/4
Minimum Wall Thickness	0.80	0.99	0.99	1.10

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, 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 bellow, 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 gas and 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	gas	liquid
RXYQ168PYDN RXYQ168PTJU	ϕ 1-1/4	ϕ 3/4

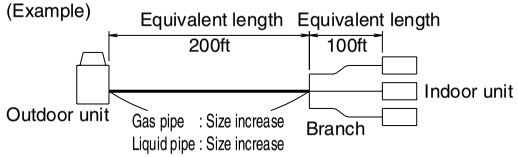
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.3

(Example)

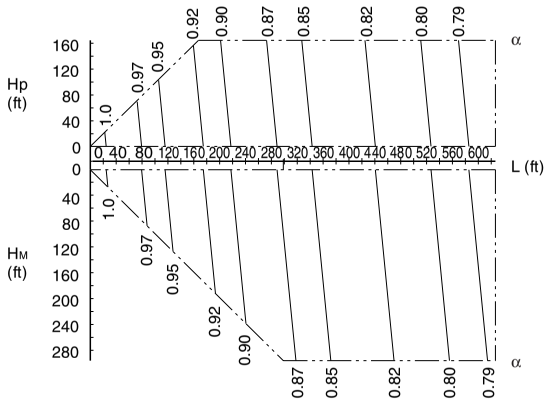


In the above case
(Cooling) Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
(Heating) Overall equivalent length = 200ft × 0.3 + 100ft = 160ft

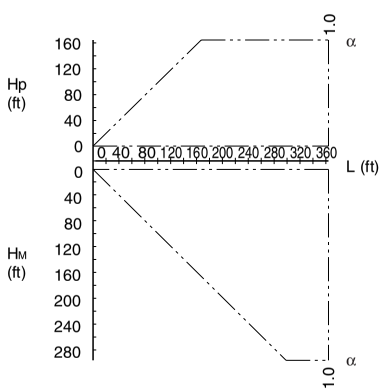
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.88
heating capacity when Hp = 0ft is thus approximately 1.0

3D060092A

1. Rate of change in cooling capacity



2. Rate of change in heating capacity



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

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ192PYDN RXYQ192PTJU	ϕ 1-1/8	ϕ 5/8

[Temper grade and Thickness]

Temper grade	☐ Type	1/2H Type			
Outer diameter	ϕ 5/8	ϕ 3/4	ϕ 7/8	ϕ 1-1/8	ϕ 1-1/4
Minimum Wall Thickness	0.99	0.80	0.80	0.99	1.10

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, 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 bellow, 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 gas and 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	gas	liquid
RXYQ192PYDN RXYQ192PTJU	ϕ 1-1/4	ϕ 3/4

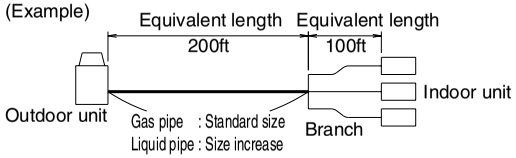
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(Example)

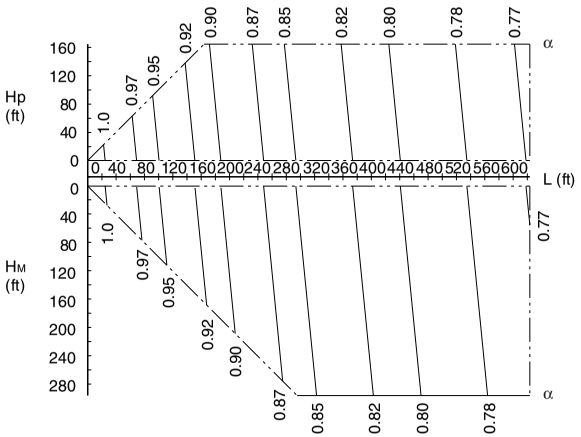


In the above case
(Cooling) Overall equivalent length = 200ft × 1.0 + 100ft = 300ft
(Heating) Overall equivalent length = 200ft × 0.4 + 100ft = 180ft

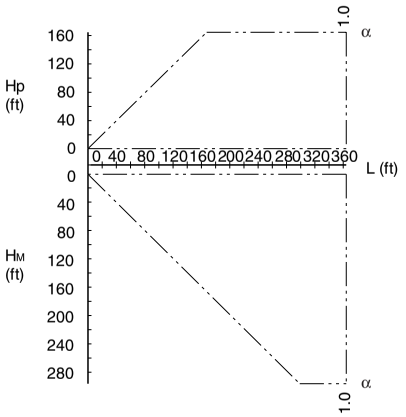
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.83
heating capacity when Hp = 0ft is thus approximately 1.0

3D059676

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 : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ216PYDN RXYQ216PTJU	ϕ 1-1/8	ϕ 5/8

[Temper grade and Thickness]

Temper grade	☐ Type	1/2H Type		
Outer diameter	ϕ 5/8	ϕ 3/4	ϕ 1-1/8	ϕ 1-1/4
Minimum Wall Thickness	0.99	0.80	0.99	1.10

[Notes]
1. These figures illustrate the rate of change in capacity of a standard indoor unit system at maximum load (with the thermostat set to maximum) under standard conditions.
   Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the above figures.
2. With this outdoor unit, evaporating pressure constant control when cooling, and condensing pressure constant control when heating is carried out.
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   - 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 gas and 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	gas	liquid
RXYQ216PYDN RXYQ216PTJU	ϕ 1-1/4	ϕ 3/4

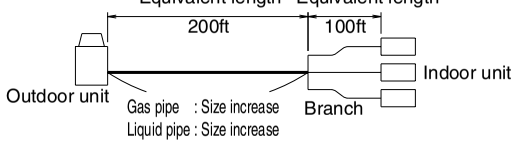
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor	
	Standard size	Size increase
Cooling (gas pipe)	1.0	0.5
Heating (liquid pipe)	1.0	0.4

(Example)

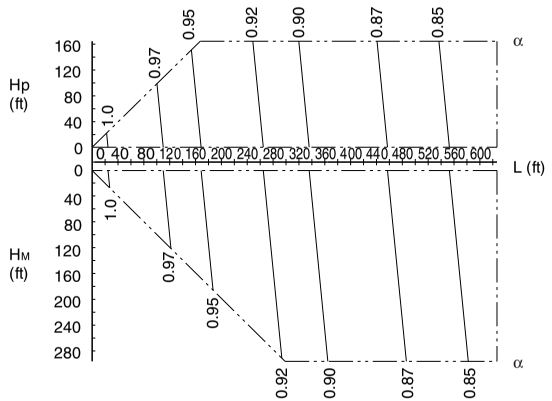


In the above case
(Cooling) Overall equivalent length = 200ft × 0.5 + 100ft = 200ft
(Heating) Overall equivalent length = 200ft × 0.4 + 100ft = 180ft

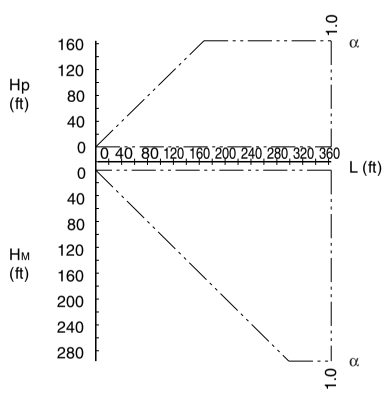
The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.86
heating capacity when Hp = 0ft is thus approximately 1.0

3D059678

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

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

L : Equivalent pipe length (ft)

α : Rate of change in cooling/heating Capacity

[Diameter of the main pipes (standard size)]

Model	gas	liquid
RXYQ120, 144PYDN RXYQ120, 144PTJU	ϕ 1-1/8	ϕ 1/2
RXYQ240PYDN RXYQ240PTJU	ϕ 1-3/8	ϕ 5/8

[Temper grade and Thickness]

Temper grade	☐ Type		1/2H Type			
Outer diameter	ϕ 1/2	ϕ 5/8	ϕ 3/4	ϕ 7/8	ϕ 1-1/8	ϕ 1-3/8
Minimum Wall Thickness	0.80	0.99	0.80	0.80	0.99	1.21

[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 bellow, 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 gas and 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	gas	liquid
RXYQ120, 144PYDN RXYQ120, 144PTJU	Not Increased	ϕ 5/8
RXYQ240PYDN RXYQ240PTJU		ϕ 3/4

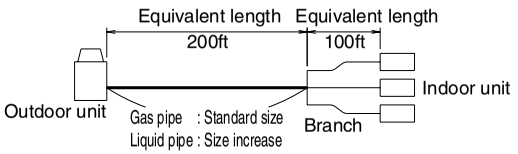
5. Read cooling/heating capacity rate of change in the above figures based on the following equivalent length.

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

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

Rate of change (object piping)	Correction factor		
	Standard size	Size increase	
		120 · 144	240
Cooling (gas pipe)	1.0		
Heating (liquid pipe)	1.0	0.3	0.4

(Example) In case of RXYQ240PYDN



In the above case
(Cooling) Overall equivalent length = 200ft × 1.0 + 100ft = 300ft
(Heating) Overall equivalent length = 200ft × 0.4 + 100ft = 180ft

The rate of change in cooling capacity when Hp = 0ft is thus approximately 0.88
heating capacity when Hp = 0ft is thus approximately 1.0

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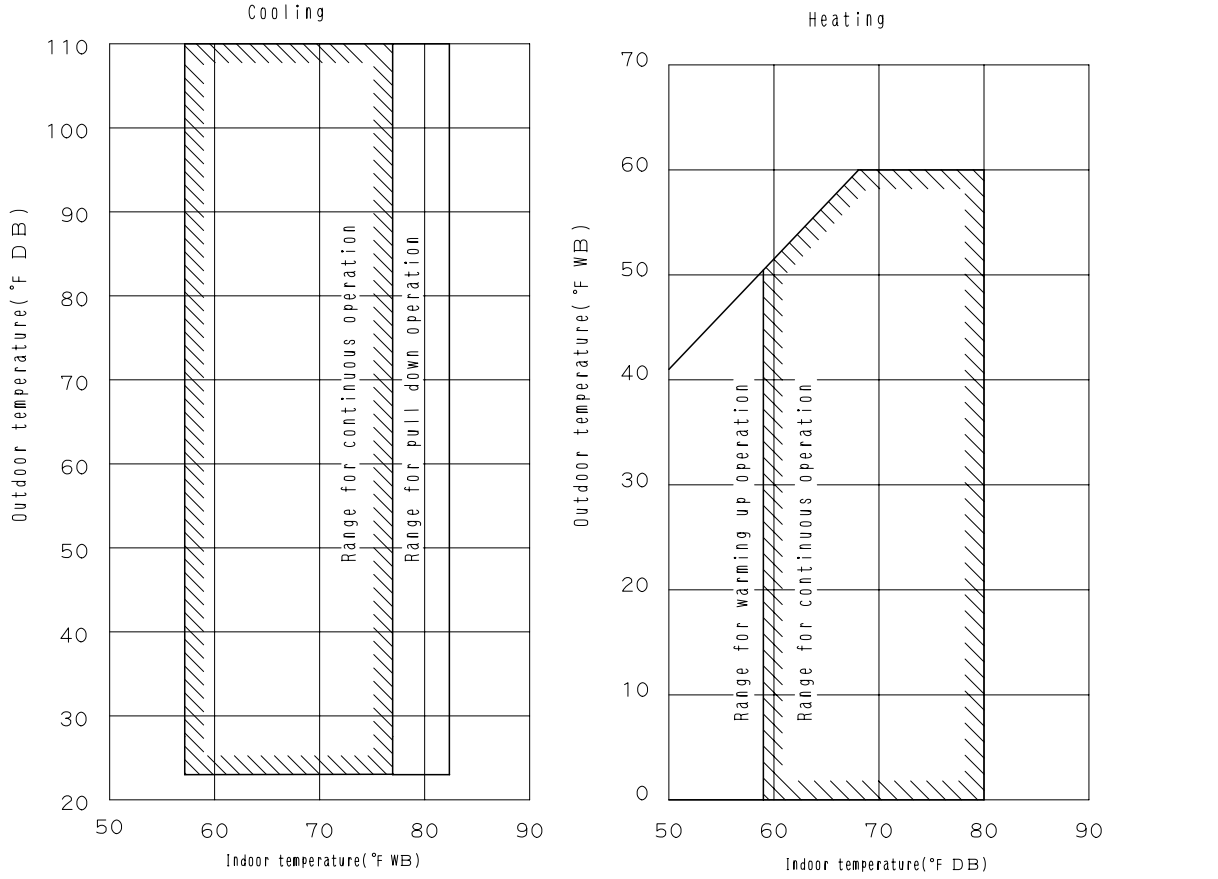
9. Operation Limits

RXYQ72, 96, 120, 144, 168, 192, 216, 240PYDN



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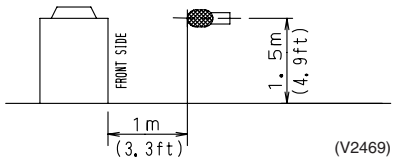
Notes:
These figures assume the following operating conditions :
Indoor and outdoor units :
Equivalent pipe length : 25ft
Level difference : 0ft

10. Sound Levels

Overall

dBA

Model \ Power Supply	60Hz/460V
RXYQ72PYDN	58
RXYQ96PYDN	58
RXYQ120PYDN	60
RXYQ144PYDN	61
RXYQ168PYDN	61
RXYQ192PYDN	62
RXYQ216PYDN	62
RXYQ240PYDN	63

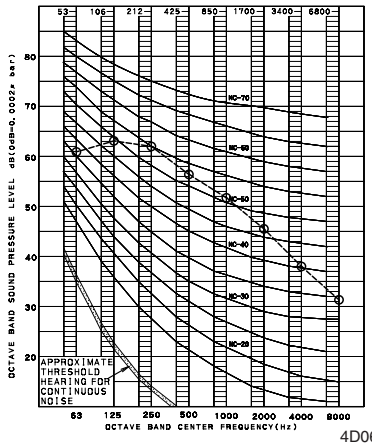


(V2469)

Note:
Sound level:
Anechoic chamber coversion 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

RXYQ72PYDN



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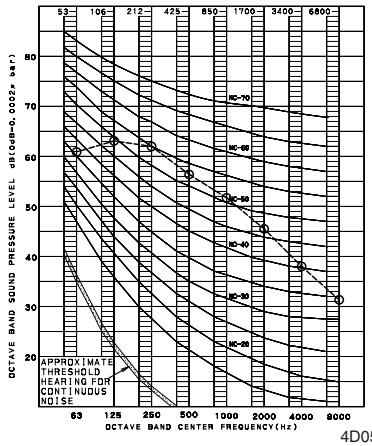
RXYQ96PYDN



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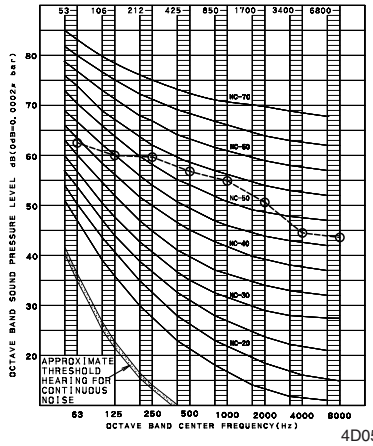
RXYQ120PYDN



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11. Accessories

Standard Accessories
RXYQ72, 96, 120PYDN

Name	Clamp (1)	Clamp (2)	Clamp (3)	Vinyl tube	Manuals, etc.
Quantity	9 pcs.	2 pcs.	1 pc.	4 pcs.	1 pc. about each item
Shape	 (Small)		 (Large)		■ 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)	Gas side accessory pipe (1)				Gas side accessory pipe (2)	
Quantity	72P type	1 pc.	1 pc.	1 pc.					
	96P type				1 pc.			1 pc.	
	120P type					1 pc.	1 pc.		1 pc.
Shape				ϕ3/4	 ϕ7/8	 ϕ1	 ϕ1-1/8	 ϕ7/8	 ϕ1

Name		High side equalizer accessory pipe (1)	High side equalizer accessory pipe (2)	Low side equalizer accessory pipe (1)	Low side equalizer accessory pipe (2)	L type accessory joint (1)	L type accessory joint (2)
Quantity	72P type	1 pc.	1 pc.	1 pc.	1 pc.	1 pc.	2 pcs.
	96P type						
	120P type						
Shape			 ϕ3/4	 O.D ϕ1	 I.D ϕ1	 ϕ1	 ϕ3/4

Optional Accessories (For Unit)
RXYQ72~240PYDN

Series			VRV III								
Models / Optional accessories			RXYQ72PYDN RXYQ72PTJU	RXYQ96PYDN RXYQ96PTJU	RXYQ120PYDN RXYQ120PTJU	RXYQ144PTJU	RXYQ144PYDN	RXYQ168PYDN RXYQ168PTJU	RXYQ192PYDN RXYQ192PTJU	RXYQ216PYDN RXYQ216PTJU	RXYQ240PYDN RXYQ240PTJU
Distributive piping	Refnet header	Model	KHRP26A22H (Max. 4 branch) KHRP26A33H (Max. 8 branch)		KHRP26M22H (Max. 4 branch) KHRP26M33H (Max. 8 branch) KHRP26M72H (Max. 8 branch)				KHRP26M22H (Max. 4 branch) KHRP26M33H (Max. 8 branch) KHRP26M72H (Max. 8 branch) KHRP26M73HU (Max. 8 branch)		
	Refnet joint	Model	KHRP26A22T KHRP26A33T		KHRP26A22T KHRP26A33T KHRP26M72TU				KHRP26A22T KHRP26A33T KHRP26M72TU KHRP26M73TU		
Outdoor unit multi connection piping kit		Model	—				BHFP22P100U				

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- 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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JQA-1452

About ISO9001

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

EC99J2044

JQA-E-90108

About ISO 14001

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

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EDUS39-801A-R1
Printed in U.S.A. 06/2008 K AK·FS