

1 TECHNICAL CHANGE

MXZ-8B48NA → MXZ-8B48NAR1

• THERMISTOR has been changed. (Discharge thermistor → Compressor thermistor)

2 SAFETY PRECAUTION

2-1. ALWAYS OBSERVE FOR SAFETY

Before obtaining access to terminal, all supply circuit must be disconnected.

2-2. CAUTIONS RELATED TO NEW REFRIGERANT

Cautions for units utilizing refrigerant R410A

Use new refrigerant pipes.

Make sure that the inside and outside of refrigerant piping is clean and it has no contaminants such as sulfur, oxides, dirt, shaving particles, etc., which are hazard to refrigerant cycle. In addition, use pipes with specified thickness.

Contamination inside refrigerant piping can cause deterioration of refrigerant oil etc.

Store the piping to be used indoors during installation, and both ends of the piping sealed until just before brazing. (Leave elbow joints, etc. in their packaging.)

If dirt, dust or moisture enters into refrigerant cycle, that can cause deterioration of refrigerant oil or malfunction of compressor.

The refrigerant oil applied to flare and flange connections must be ester oil, ether oil or alkylbenzene oil in a small amount.

If large amount of mineral oil enters, that can cause deterioration of refrigerant oil etc.

Charge refrigerant from liquid phase of gas cylinder.

If the refrigerant is charged from gas phase, composition change may occur in refrigerant and the efficiency will be lowered.

Do not use refrigerant other than R410A.

If other refrigerant (R22 etc.) is used, chlorine in refrigerant can cause deterioration of refrigerant oil etc.

Use a vacuum pump with a reverse flow check valve.

Vacuum pump oil may flow back into refrigerant cycle and that can cause deterioration of refrigerant oil etc.

Use the following tools specifically designed for use with R410A refrigerant.

The following tools are necessary to use R410A refrigerant.

Tools for R410A	
Gauge manifold	Flare tool
Charge hose	Size adjustment gauge
Gas leak detector	Vacuum pump adaptor
Torque wrench	Electronic refrigerant charging scale

Handle tools with care.

If dirt, dust or moisture enters into refrigerant cycle, that can cause deterioration of refrigerant oil or malfunction of compressor.

Do not use a charging cylinder.

If a charging cylinder is used, the composition of refrigerant will change and the efficiency will be lowered.

Ventilate the room if refrigerant leaks during operation. If refrigerant comes into contact with a flame, poisonous gases will be released.

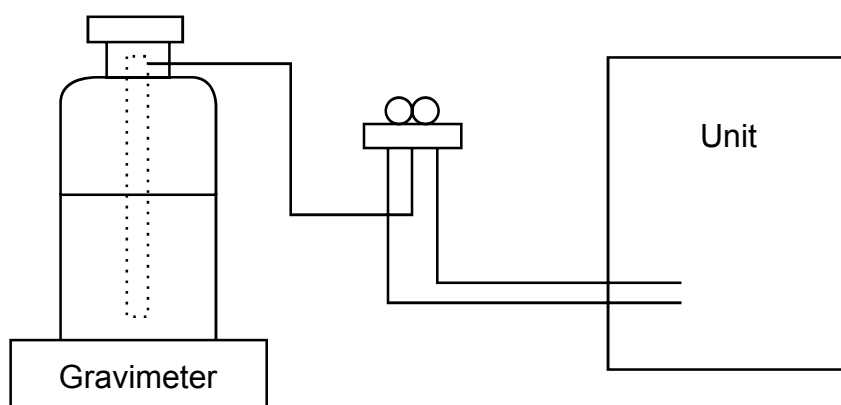
[1] Cautions for service

- (1) Perform service after recovering the refrigerant left in unit completely.
 - (2) Do not release refrigerant in the air.
 - (3) After completing service, charge the cycle with specified amount of refrigerant.
 - (4) When performing service, install a filter drier simultaneously.
- Be sure to use a filter drier for new refrigerant.

[2] Additional refrigerant charge

When charging directly from cylinder

- Check that cylinder for R410A on the market is syphon type.
- Charging should be performed with the cylinder of syphon stood vertically. (Refrigerant is charged from liquid phase.)



[3] Service tools

- (1) Use the below service tools as exclusive tools for R410A refrigerant.

No.	Tool name	Specifications
①	Gauge manifold	·Only for R410A
		·Use the existing fitting specifications. (UNF1/2)
		·Use high-tension side pressure of 5.3MPa·G or over.
②	Charge hose	·Only for R410A
		·Use pressure performance of 5.09MPa·G or over.
③	Electronic scale	—
④	Gas leak detector	·Use the detector for R134a, R407C or R410A.
⑤	Adaptor for reverse flow check	·Attach on vacuum pump.
⑥	Refrigerant charge base	—
⑦	Refrigerant cylinder	·Only for R410A ·Top of cylinder (Pink)
		·Cylinder with syphon
⑧	Refrigerant recovery equipment	—

2-3. Cautions for refrigerant piping work

New refrigerant R410A is adopted for replacement inverter series. Although the refrigerant piping work for R410A is same as for R22, exclusive tools are necessary so as not to mix with different kind of refrigerant. Furthermore as the working pressure of R410A is 1.6 times higher than that of R22, their sizes of flared sections and flare nuts are different.

① Thickness of pipes

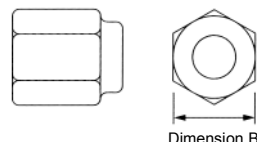
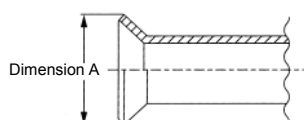
Because the working pressure of R410A is higher compared to R22, be sure to use refrigerant piping with thickness shown below. (Never use pipes of 0.7 mm [7/256 inch] or below.)

Diagram below: Piping diameter and thickness

Nominal dimensions[inch]	Outside diameter (mm)	Thickness (mm) [inch]	
		R410A	R22
1/4	6.35	0.8 [1/32]	0.8 [1/32]
3/8	9.52	0.8 [1/32]	0.8 [1/32]
1/2	12.70	0.8 [1/32]	0.8 [1/32]
5/8	15.88	1.0 [5/128]	1.0 [5/128]
3/4	19.05	—	1.0 [5/128]

② Dimensions of flare cutting and flare nut

The component molecules in HFC refrigerant are smaller compared to conventional refrigerants. In addition to that, R410A is a refrigerant, which has higher risk of leakage because its working pressure is higher than that of other refrigerants. Therefore, to enhance airtightness and intensity, flare cutting dimension of copper pipe for R410A has been specified separately from the dimensions for other refrigerants as shown below. The dimension B of flare nut for R410A also has partly been changed to increase intensity as shown below. Set copper pipe correctly referring to copper pipe flaring dimensions for R410A below. For 1/2 and 5/8 inch, the dimension B changes. Use torque wrench corresponding to each dimension.



Flare cutting dimensions (mm) [inch]

Nominal dimensions[inch]	Outside diameter	Dimension A (mm) [inch]	
		R410A	R22
1/4	6.35	9.1 [11/32-23/64]	9.0
3/8	9.52	13.2 [1/2-33/64]	13.0
1/2	12.70	16.6 [41/64-21/32]	16.2
5/8	15.88	19.7 [49/64-25/32]	19.4
3/4	19.05	—	23.3

Flare nut dimensions (mm) [inch]

Nominal dimensions[inch]	Outside diameter[inch]	Dimension B (mm) [inch]	
		R410A	R22
1/4	6.35	17.0 [43/64]	17.0
3/8	9.52	22.0 [7/8]	22.0
1/2	12.70	26.0 [1-3/64]	24.0
5/8	15.88	29.0 [1-9/64]	27.0
3/4	19.05	—	36.0

③ Tools for R410A (The following table shows whether conventional tools can be used or not.)

Tools and materials	Use	R410A tools	Can R22 tools be used?	Can R407C tools be used?
Gauge manifold	Air purge, refrigerant charge and operation check	Tool exclusive for R410A	×	×
Charge hose		Tool exclusive for R410A	×	×
Gas leak detector		Tool for HFC refrigerant	×	○
Refrigerant recovery equipment	Refrigerant recovery	Tool exclusive for R410A	×	×
Refrigerant cylinder	Refrigerant charge	Tool exclusive for R410A	×	×
Applied oil	Apply to flared section	Ester oil, ether oil and alkylbenzene oil (minimum amount)	×	Ester oil, ether oil: ○ Alkylbenzene oil: minimum amount
Safety charger	Prevent compressor malfunction when charging refrigerant by spraying liquid refrigerant	Tool exclusive for R410A	×	×
Charge valve	Prevent gas from blowing out when detaching charge hose	Tool exclusive for R410A	×	×
Vacuum pump	Vacuum drying and air purge	Tools for other refrigerants can be used if equipped with adopter for reverse flow check	△ (Usable if equipped with adopter for reverse flow)	△ (Usable if equipped with adopter for reverse flow)
Flare tool	Flaring work of piping	Tools for other refrigerants can be used by adjusting flaring dimension	△ (Usable by adjusting flaring dimension)	△ (Usable by adjusting flaring dimension)
Bender	Bend the pipes	Tools for other refrigerants can be used	○	○
Pipe cutter	Cut the pipes	Tools for other refrigerants can be used	○	○
Welder and nitrogen gas cylinder	Weld the pipes	Tools for other refrigerants can be used	○	○
Refrigerant charging scale	Refrigerant charge	Tools for other refrigerants can be used	○	○
Vacuum gauge or thermistor vacuum gauge and vacuum valve	Check the degree of vacuum. (Vacuum valve prevents back flow of oil and refrigerant to thermistor vacuum gauge)	Tools for other refrigerants can be used	○	○
Charging cylinder	Refrigerant charge	Tool exclusive for R410A	×	—

× : Prepare a new tool. (Use the new tool as the tool exclusive for R410A.)

△ : Tools for other refrigerants can be used under certain conditions.

○ : Tools for other refrigerants can be used.

3

OVERVIEW OF UNITS

3-1. CONSTRUCTION OF SYSTEM

MXZ-8B48NA, MXZ-8B48NAR1		
Outdoor unit	Rated capacity (kBTU/h) (Cooling/Heating)	48/54
	MAX. capacity (kBTU/h) (Cooling/Heating)	54/60
	6HP	
	R410A	
Indoor unit that can be connected	Capacity	Type 06 ~ Type 24
	Number of units	2 ~ 8 units
	Total system wide capacity	22.2 ~ 130 % of outdoor unit MAX. Cooling capacity (12 kBTU/h ~ 70.2kBTU/h)
Branch box that can be connected	Number of units	1 ~ 2 units



Connectable indoor unit lineup (Heat pump inverter type)								
Model type		Model name	Capacity class [kBTU/h]					
			06	09	12	15	18(17)	24
Wall mounted	Deluxe	MSZ-FE09/12, MSZ-FD09/12		●	●		●	
	Standard	MSZ-GE06/09/12/15/18/24	●	●	●	●	●	●
		MSZ-GA24						●
		MSZ-A09/12/15/17/24		●	●	●	●	●
Ceiling concealed	Low static pressure	SEZ-KD09/12/15/18		●	●	●	●	
	Middle static pressure	PEAD-A24AA						●
4-way ceiling cassette	Standard	PLA-A12/18/24BA			●		●	●
Floor standing		MFZ-KA09/12/18NA		●	●		●	

<NOTE> When connecting MSZ-FE18NA model, joint pipe is necessary for both liquid and gas pipes.



Branch box	PAC-AKA51BC	PAC-AKA31BC
Number of branches (Indoor unit that can be connected)	5 branches (MAX. 5 units)	3 branches (MAX. 3 units)

※ Max. 2 branch boxes can be connected to 1 outdoor unit.



2- branch pipe (joint) : Optional parts		
In case of using 1- branch box	No need	
In case of using 2- branch boxes	Model name	Connection method
	MSDD-50AR-E	flare
	MSDD-50BR-E	brazing
※ According to the connection method, you can choose the favorite one.		

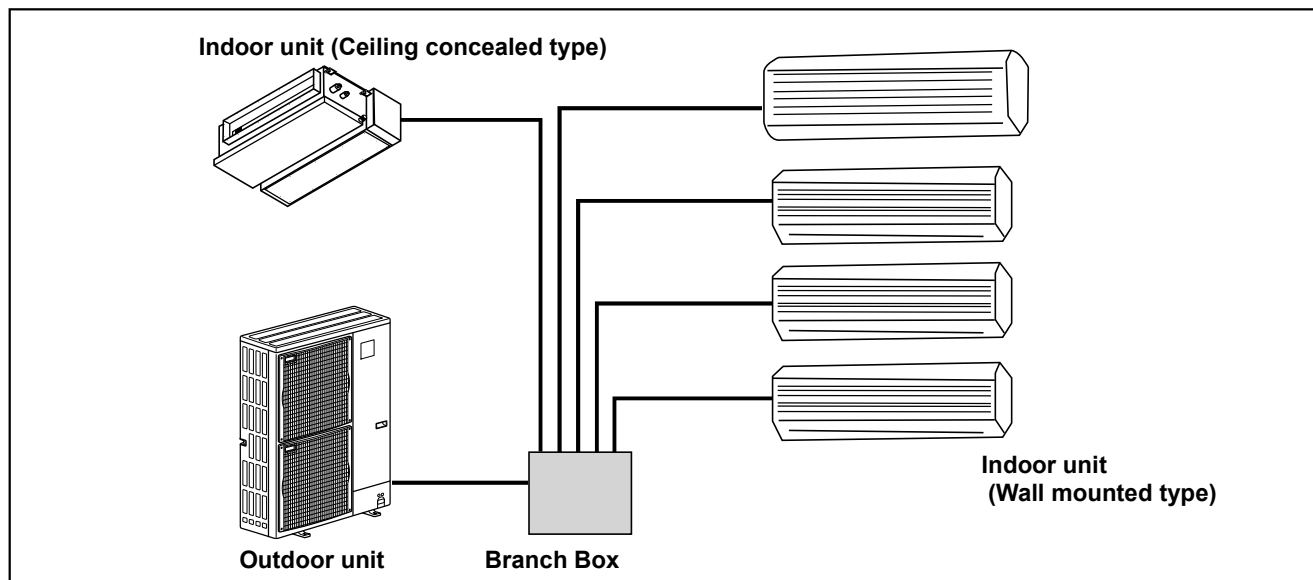


Option	Optional accessories of indoor units and outdoor units are available.
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3-2. SYSTEM OUTLINE

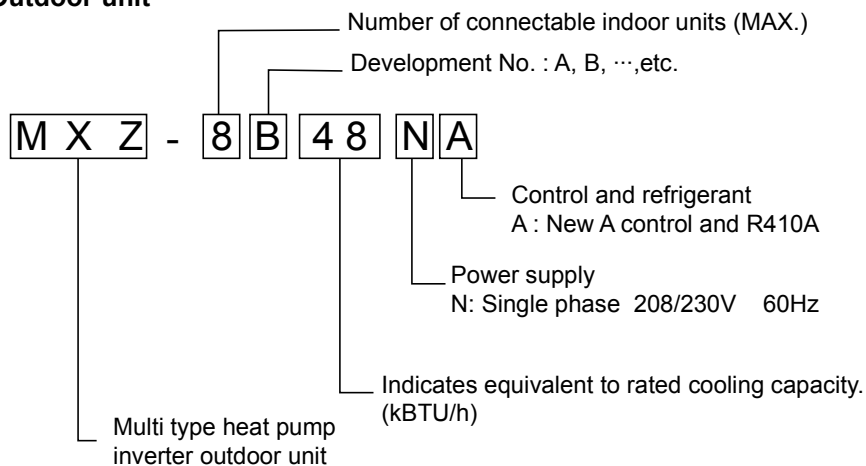
The additional connection of the Branch Box together with employment of the compact trunk-looking outdoor unit can successfully realize a long distance piping for big houses. Equipped with a microcomputer, the Branch Box can translate the transmission signal of indoor units to achieve the optimum control.

3-2-1. System example

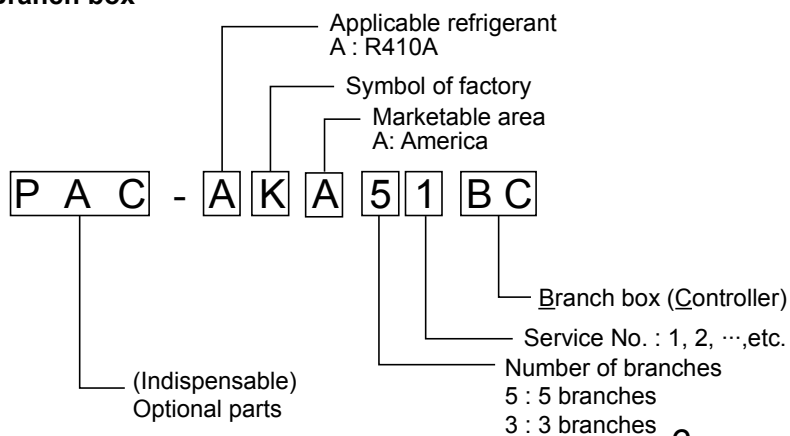


3-2-2. Method for identifying

■ Outdoor unit

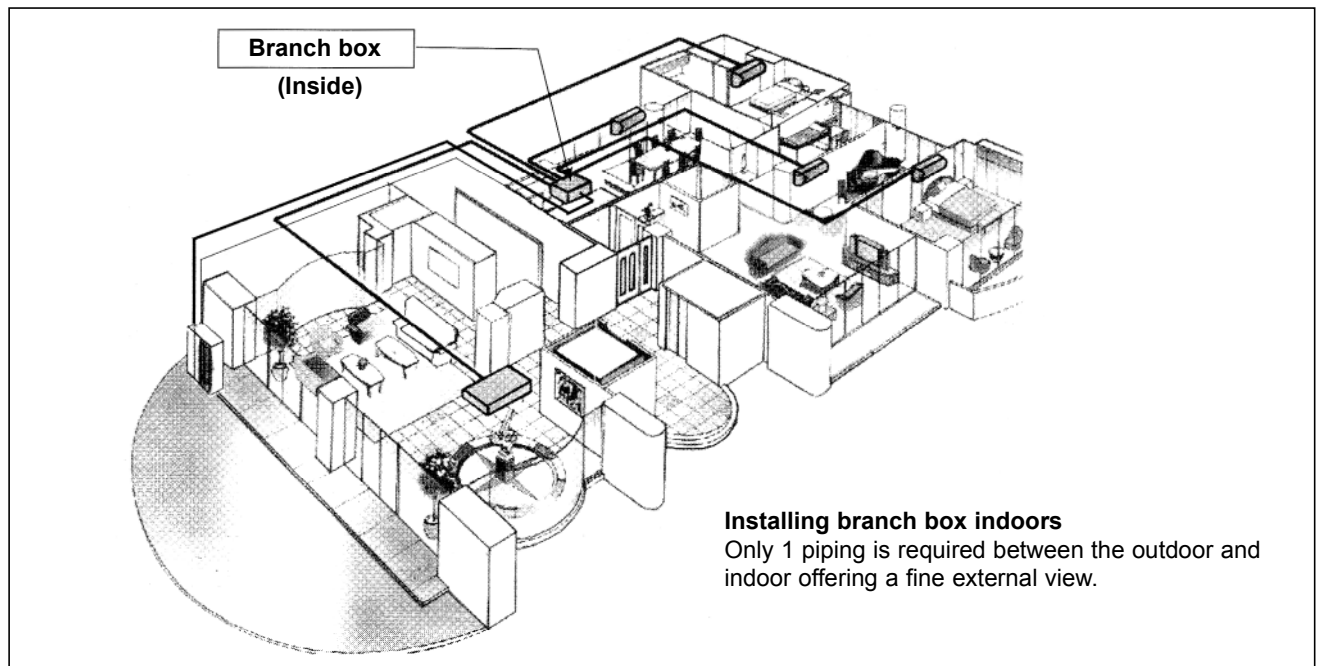


■ Branch box

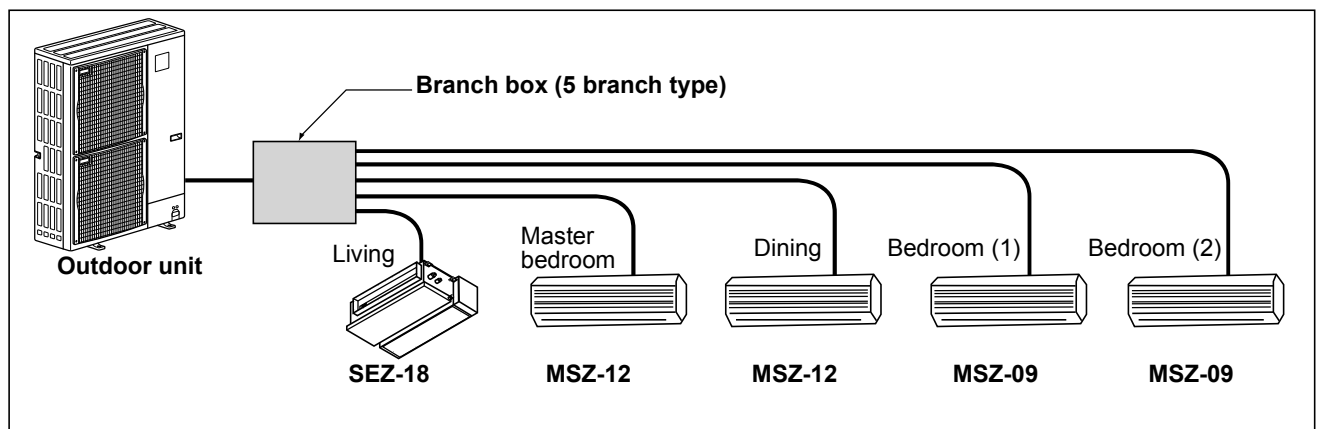


3-3. TYPICAL COMBINATION EXAMPLE

Branch box is located **INSIDE** of condominium



■ System example of 5 indoor units



■ Verification

The rated capacity should be determined by observing the table below. The unit's quantities are limited in 2 to 8 units. For the next step, make sure that the selected total rated capacity is in a range of 12 ~ 70.2 kBTU/h.

The total indoor unit capacity should be within the outdoor units. (=54.0 kBTU/h is preferred).

Combination of excessive indoor units and an outdoor unit may reduce the capacity of each indoor unit.

The rated indoor capacity is as the table below.

Example:

$$\begin{array}{rcl}
 \text{SEZ-18} & = & 18 \\
 & + & \\
 \text{MSZ-12} & = & 12 \\
 & + & \\
 \text{MSZ-12} & = & 12 \\
 & + & \\
 \text{MSZ-09} & = & 9 \\
 & + & \\
 \text{MSZ-09} & = & 9 \\
 \hline
 & & 60 \leq 70.2 \text{ kBTU/h}
 \end{array}$$

Total rated capacity

Indoor unit type (capacity class)	06	09	12	15	18	24
Rated capacity (cooling) (kBTU/h)	6	9	12	15	18	24

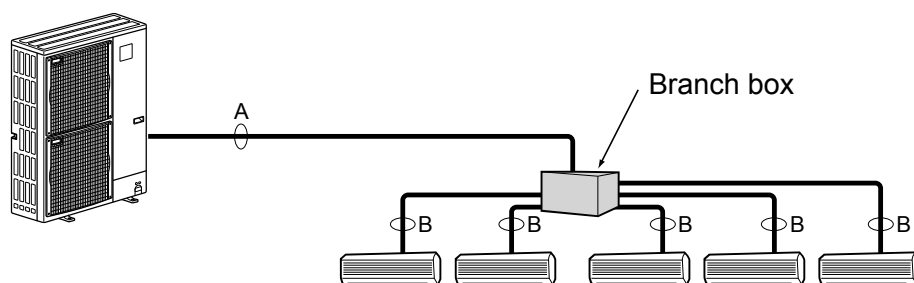
3-4. SIMPLIFIED PIPING SYSTEM

Piping connection size

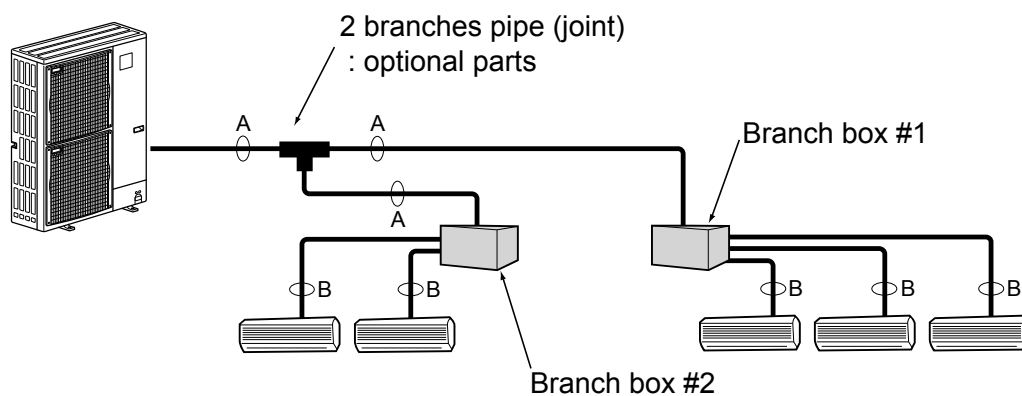
	A	B
Liquid	φ9.52 mm (3/8 inch)	The piping connection size differs according to the type and capacity of indoor units. Match the piping connection size of branch box with indoor unit. If the piping connection size of branch box does not match the piping connection size of indoor unit, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)
Gas	φ15.88 mm (5/8 inch)	

Flare connection employed. (No brazing!)

- In case of using 1-branch box
Flare connection employed (No brazing)



- In case of using 2-branch boxes



- Installation procedure (2 branch pipe (joint))
Refer to the installation manuals of MSDD-50AR-E and MSDD-50BR-E.

4

SPECIFICATIONS

• Outdoor unit : MXZ-8B48NA/MXZ-8B48NAR1

Conversion formula:	kcal/h = kW × 860
	Btu/h = kW × 3412
	CFM = m ³ /min × 35.31

Service Ref.				MXZ-8B48NA, MXZ-8B48NAR1					
Standard performance	Indoor type			Non-Ducted	Mix	Ducted			
	Cooling	Capacity Rated / Max (*1)	Btu/h	48000 / 54000					
		Rated power consumption (*1)	W	5780	6125	6470			
		EER	Btu/Wh	8.30	7.84	7.42			
		SEER	Btu/Wh	15.0	14.8	14.7			
	Heating	Capacity Rated / Max 47 °F (*1)	Btu/Wh	54000 / 60000					
		Capacity 17 °F *2	Btu/Wh	36600	36550	36500			
		Rated power consumption 47 °F (*1)	W	4820	5045	5270			
		COP 47 °F (*1)	Btu/Wh	11.20	10.70	10.25			
		HSPF IV / V	Btu/Wh	8.7 / 7.0	8.8 / 7.0	8.9 / 7.1			
OUTDOOR UNIT	Connectable indoor units (Max.)			8					
	Max. Connectable Capacity			70200 Btu/Wh (130% of Outdoor Unit Max Capacity)					
	Power supply			208/230, 1, 60					
	Breaker Size / Max. fuse size			50A / 52A					
	Min. circuit ampacity			32A					
	Sound level (Cool/Heat)		dB	54 / 55					
	External finish			Munsell 3Y 7.8/1.1					
	Refrigerant control			Linear Expansion Valve					
	Compressor			Hermetic					
				Model			ANB33FDSMT		
				Motor output		kW	2.9		
				Starting method			Inverter		
	Heat exchanger			Plate fin coil					
	Fan		Fan (drive) × No.		Propeller fan × 2				
			Fan motor output		kW				
			Airflow		m³/min (CFM)				
	Dimensions (H × W × D)		W		mm (in.)				
			D		mm (in.)				
			H		mm (in.)				
	Weight		kg (lbs)		126 (278)				
	Refrigerant			R410A					
				Charge		kg (lbs)	8.5 (18.7)		
				Oil / Model		L (oz)	2.3 (73) / FV50S		
	Protection devices		High pressure protection		HP switch				
			Compressor protection		Discharge thermo, Over current detection (MXZ-8B48NA) Compressor thermo, Over current detection (MXZ-8B48NAR1)				
			Fan motor protection		Overheating / Voltage protection				
	Guaranteed operation range		(cool)		-5 ~ 46 °C DB (23 ~ 115 °F DB)				
			(heat)		-15 ~ 21 °C DB (5 ~ 70 °F DB)				
	REFRIGERANT PIPING	Total Piping length (Max.)		m (ft)		115 (377)			
Farthest		m (ft)		70 (300)					
Max. Height difference		m (ft)		30 (98) (*3)					
Chargeless length		m (ft)		40 (131)					
Piping diameter		Liquid		φmm (in.)					
		Gas		φmm (in.)					
Connection method		Indoor side		Flared					
		Outdoor side		Flared					

(*1) Rating conditions Cooling Indoor : D.B.26.7°C / W.B.19.4°C (D.B.80°F / W.B.67°F)
Outdoor : D.B.35.0°C (95°F)

Heating Indoor : D.B.21.1°C (70°F)
Outdoor : D.B.8.3°C / W.B.6.1°C (D.B.47°F / W.B.43°F)

(*2) Conditions Heating Indoor : D.B.21.1°C (70°F)
Outdoor : D.B. - 8.3°C / W.B. - 9.4°C (D.B.17°F / W.B.15°F)

(*3) 20m (66ft) : In case of installing outdoor unit lower than indoor unit.

Note : Refer to the service manual of indoor unit for the indoor units specifications.



• **Branch box : PAC-AKA51BC PAC-AKA31BC**

Model name				PAC-AKA51BC		PAC-AKA31BC		
Connectable number of indoor units				MAX. 5		MAX. 3		
Power supply (from outdoor unit)				Single phase, 208/230V, 60Hz				
Input			kW	0.003				
Running current			A	0.05				
External finish				Galvanized sheets				
Drain hose size (on site)			mm (in.)	O.D.20 (O.D. 3/4)				
Dimensions		Width	mm (in.)	450 (17 - 3/4)				
		Depth	mm (in.)	280 (11)				
		Height	mm (in.)	198 (7 - 3/4)				
Weight			kg (lbs)	9.6 (21)		8.4 (19)		
Piping connection (Flare)	Branch (indoor side) *		Liquid	mm (in.)	ϕ6.35 (1/4) × 5 {A,B,C,D,E}		ϕ6.35 (1/4) × 3 {A,B,C}	
			Gas	mm (in.)	ϕ9.52 (3/8) × 4 {A,B,C,D}, ϕ12.7 (1/2) × 1{E}		ϕ9.52 (3/8) × 3 {A,B,C}	
	Main (outdoor side)		Liquid	mm (in.)	ϕ9.52 (3/8)			
			Gas	mm (in.)	ϕ15.88 (5/8)			
Wiring	To indoor unit			Each 3-wire, plus earth wire				
	To outdoor unit			3-wire, plus earth wire				

* The piping connection size differs according to the type and capacity of indoor units. Match the piping connection size for indoor and branch box. If the piping connection size of branch box does not match the piping connection size of indoor units, use optional different-diameter (deformed) joints to the branch box side. (Connect deformed joint directly to the branch box side.)

5-1. CAPACITY AND CHARACTERISTICS

Note:

- Cooling capacity is based on D.B. 26.7 °C / W.B. 19.4 °C (D.B. 80 °F / W.B. 67 °F) (indoor temperature), D.B. 35 °C (D.B. 95 °F) (outdoor temperature).
- Heating capacity is based on D.B. 21.1 °C (D.B. 70 °F) (indoor temperature), D.B. 8.3 °C / W.B. 6.1 °C (D.B. 47 °F / W.B. 43 °F) (outdoor temperature).

The rated capacities below show the rise in the indoor unit connection capacity when operating frequency is constant. Values for changes in capacity are fixed after accounting for variations in operating frequency and should be used as reference values.

- **Please refer not to the table below but to "Installation manual" for the breaker selection.**

(1) Cooling mode

<Cooling>

Indoor unit combinations			Capacity of each unit (BTU/h)			Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit A	Unit B	Unit C			208V	230V
06	-	-	6000	-	-	6000	900	4.4	4.0
09	-	-	9000	-	-	9000	1180	5.8	5.2
12	-	-	12000	-	-	12000	1410	6.9	6.2
15	-	-	15000	-	-	15000	1590	7.8	7.0
18	-	-	18000	-	-	18000	1780	8.7	7.8
24	-	-	24000	-	-	24000	2290	11.2	10.1
06	06	-	6000	6000	-	12000	1410	6.9	6.2
06	09	-	6000	9000	-	15000	1590	7.8	7.0
06	12	-	6000	12000	-	18000	1780	8.7	7.8
06	15	-	6000	15000	-	21000	2040	9.9	9.0
06	18	-	6000	18000	-	24000	2290	11.2	10.1
06	24	-	6000	24000	-	30000	2780	13.6	12.3
09	09	-	9000	9000	-	18000	1780	8.7	7.8
09	12	-	9000	12000	-	21000	2040	9.9	9.0
09	15	-	9000	15000	-	24000	2290	11.2	10.1
09	18	-	9000	18000	-	27000	2540	12.4	11.2
09	24	-	9000	24000	-	33000	3010	14.7	13.3
12	12	-	12000	12000	-	24000	2290	11.2	10.1
12	15	-	12000	15000	-	27000	2540	12.4	11.2
12	18	-	12000	18000	-	30000	2780	13.6	12.3
12	24	-	12000	24000	-	36000	3390	16.5	14.9
15	15	-	15000	15000	-	30000	2780	13.6	12.3
15	18	-	15000	18000	-	33000	3010	14.7	13.3
15	24	-	15000	24000	-	39000	3910	19.1	17.2
18	18	-	18000	18000	-	36000	3390	16.5	14.9
18	24	-	18000	24000	-	42000	4510	22.0	19.9
24	24	-	24000	24000	-	48000	5900	28.8	26.0
06	06	06	6000	6000	6000	18000	1780	8.7	7.8
06	06	09	6000	6000	9000	21000	2040	9.9	9.0
06	06	12	6000	6000	12000	24000	2290	11.2	10.1
06	06	15	6000	6000	15000	27000	2540	12.4	11.2
06	06	18	6000	6000	18000	30000	2780	13.6	12.3
06	06	24	6000	6000	24000	36000	3390	16.5	14.9
06	09	09	6000	9000	9000	24000	2290	11.2	10.1
06	09	12	6000	9000	12000	27000	2540	12.4	11.2
06	09	15	6000	9000	15000	30000	2780	13.6	12.3
06	09	18	6000	9000	18000	33000	3010	14.7	13.3
06	09	24	6000	9000	24000	39000	3910	19.1	17.2
06	12	12	6000	12000	12000	30000	2780	13.6	12.3
06	12	15	6000	12000	15000	33000	3010	14.7	13.3
06	12	18	6000	12000	18000	36000	3390	16.5	14.9
06	12	24	6000	12000	24000	42000	4510	22.0	19.9
06	15	15	6000	15000	15000	36000	3390	16.5	14.9
06	15	18	6000	15000	18000	39000	3910	19.1	17.2
06	15	24	6000	15000	24000	45000	5190	25.3	22.9
06	18	18	6000	18000	18000	42000	4510	22.0	19.9
06	18	24	6000	18000	24000	48000	5900	28.8	26.0
06	24	24	6000	24000	24000	54000	5400	26.3	23.8

<Cooling>

Indoor unit combinations				Capacity of each unit (BTU/h)				Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D			208V	230V
09	09	09	-	9000	9000	9000	-	27000	2540	12.4	11.2
09	09	12	-	9000	9000	12000	-	30000	2780	13.6	12.3
09	09	15	-	9000	9000	15000	-	33000	3010	14.7	13.3
09	09	18	-	9000	9000	18000	-	36000	3390	16.5	14.9
09	09	24	-	9000	9000	24000	-	42000	4510	22.0	19.9
09	12	12	-	9000	12000	12000	-	33000	3010	14.7	13.3
09	12	15	-	9000	12000	15000	-	36000	3390	16.5	14.9
09	12	18	-	9000	12000	18000	-	39000	3910	19.1	17.2
09	12	24	-	9000	12000	24000	-	45000	5190	25.3	22.9
09	15	15	-	9000	15000	15000	-	39000	3910	19.1	17.2
09	15	18	-	9000	15000	18000	-	42000	4510	22.0	19.9
09	15	24	-	9000	15000	24000	-	48000	5900	28.8	26.0
09	18	18	-	9000	18000	18000	-	45000	5190	25.3	22.9
09	18	24	-	9000	18000	24000	-	51000	5620	27.4	24.8
09	24	24	-	8530	22740	22740	-	54010	4940	24.1	21.8
12	12	12	-	12000	12000	12000	-	36000	3390	16.5	14.9
12	12	15	-	12000	12000	15000	-	39000	3910	19.1	17.2
12	12	18	-	12000	12000	18000	-	42000	4510	22.0	19.9
12	12	24	-	12000	12000	24000	-	48000	5900	28.8	26.0
12	15	15	-	12000	15000	15000	-	42000	4510	22.0	19.9
12	15	18	-	12000	15000	18000	-	45000	5190	25.3	22.9
12	15	24	-	12000	15000	24000	-	51000	5620	27.4	24.8
12	18	18	-	12000	18000	18000	-	48000	5900	28.8	26.0
12	18	24	-	12000	18000	24000	-	54000	5400	26.3	23.8
12	24	24	-	10800	21600	21600	-	54000	4550	22.2	20.1
15	15	15	-	15000	15000	15000	-	45000	5190	25.3	22.9
15	15	18	-	15000	15000	18000	-	48000	5900	28.8	26.0
15	15	24	-	15000	15000	24000	-	54000	5400	26.3	23.8
15	18	18	-	15000	18000	18000	-	51000	5620	27.4	24.8
15	18	24	-	14210	17050	22740	-	54000	4940	24.1	21.8
15	24	24	-	12860	20570	20570	-	54000	4220	20.6	18.6
18	18	18	-	18000	18000	18000	-	54000	5400	26.3	23.8
18	18	24	-	16200	16200	21600	-	54000	4550	22.2	20.1
18	24	24	-	14730	19640	19640	-	54010	3930	19.2	17.3
06	06	06	06	6000	6000	6000	6000	24000	2290	11.2	10.1
06	06	06	09	6000	6000	6000	9000	27000	2540	12.4	11.2
06	06	06	12	6000	6000	6000	12000	30000	2780	13.6	12.3
06	06	06	15	6000	6000	6000	15000	33000	3010	14.7	13.3
06	06	06	18	6000	6000	6000	18000	36000	3390	16.5	14.9
06	06	06	24	6000	6000	6000	24000	42000	4510	22.0	19.9
06	06	09	09	6000	6000	9000	9000	30000	2780	13.6	12.3
06	06	09	12	6000	6000	9000	12000	33000	3010	14.7	13.3
06	06	09	15	6000	6000	9000	15000	36000	3390	16.5	14.9
06	06	09	18	6000	6000	9000	18000	39000	3910	19.1	17.2
06	06	09	24	6000	6000	9000	24000	45000	5190	25.3	22.9
06	06	12	12	6000	6000	12000	12000	36000	3390	16.5	14.9
06	06	12	15	6000	6000	12000	15000	39000	3910	19.1	17.2
06	06	12	18	6000	6000	12000	18000	42000	4510	22.0	19.9
06	06	12	24	6000	6000	12000	24000	48000	5900	28.8	26.0
06	06	15	15	6000	6000	15000	15000	42000	4510	22.0	19.9
06	06	15	18	6000	6000	15000	18000	45000	5190	25.3	22.9
06	06	15	24	6000	6000	15000	24000	51000	5620	27.4	24.8
06	06	18	18	6000	6000	18000	18000	48000	5900	28.8	26.0
06	06	18	24	6000	6000	18000	24000	54000	5400	26.3	23.8
06	06	24	24	5400	5400	21600	21600	54000	4550	22.2	20.1

<Cooling>

Indoor unit combinations				Capacity of each unit (BTU/h)				Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D			208V	230V
06	09	09	09	6000	9000	9000	9000	33000	3010	14.7	13.3
06	09	09	12	6000	9000	9000	12000	36000	3390	16.5	14.9
06	09	09	15	6000	9000	9000	15000	39000	3910	19.1	17.2
06	09	09	18	6000	9000	9000	18000	42000	4510	22.0	19.9
06	09	09	24	6000	9000	9000	24000	48000	5900	28.8	26.0
06	09	12	12	6000	9000	12000	12000	39000	3910	19.1	17.2
06	09	12	15	6000	9000	12000	15000	42000	4510	22.0	19.9
06	09	12	18	6000	9000	12000	18000	45000	5190	25.3	22.9
06	09	12	24	6000	9000	12000	24000	51000	5620	27.4	24.8
06	09	15	15	6000	9000	15000	15000	45000	5190	25.3	22.9
06	09	15	18	6000	9000	15000	18000	48000	5900	28.8	26.0
06	09	15	24	6000	9000	15000	24000	54000	5400	26.3	23.8
06	09	18	18	6000	9000	18000	18000	51000	5620	27.4	24.8
06	09	18	24	5680	8530	17050	22740	54000	4940	24.1	21.8
06	09	24	24	5140	7710	20570	20570	53990	4220	20.6	18.6
06	12	12	12	6000	12000	12000	12000	42000	4510	22.0	19.9
06	12	12	15	6000	12000	12000	15000	45000	5190	25.3	22.9
06	12	12	18	6000	12000	12000	18000	48000	5900	28.8	26.0
06	12	12	24	6000	12000	12000	24000	54000	5400	26.3	23.8
06	12	15	15	6000	12000	15000	15000	48000	5900	28.8	26.0
06	12	15	18	6000	12000	15000	18000	51000	5620	27.4	24.8
06	12	15	24	5680	11370	14210	22740	54000	4940	24.1	21.8
06	12	18	18	6000	12000	18000	18000	54000	5400	26.3	23.8
06	12	18	24	5400	10800	16200	21600	54000	4550	22.2	20.1
06	12	24	24	4910	9820	19640	19640	54010	3930	19.2	17.3
06	15	15	15	6000	15000	15000	15000	51000	5620	27.4	24.8
06	15	15	18	6000	15000	15000	18000	54000	5400	26.3	23.8
06	15	15	24	5400	13500	13500	21600	54000	4550	22.2	20.1
06	15	18	18	5680	14210	17050	17050	53990	4940	24.1	21.8
06	15	18	24	5140	12860	15430	20570	54000	4220	20.6	18.6
06	15	24	24	4700	11740	18780	18780	54000	3680	17.9	16.2
06	18	18	18	5400	16200	16200	16200	54000	4550	22.2	20.1
06	18	18	24	4910	14730	14730	19640	54010	3930	19.2	17.3
09	09	09	09	9000	9000	9000	9000	36000	3390	16.5	14.9
09	09	09	12	9000	9000	9000	12000	39000	3910	19.1	17.2
09	09	09	15	9000	9000	9000	15000	42000	4510	22.0	19.9
09	09	09	18	9000	9000	9000	18000	45000	5190	25.3	22.9
09	09	09	24	9000	9000	9000	24000	51000	5620	27.4	24.8
09	09	12	12	9000	9000	12000	12000	42000	4510	22.0	19.9
09	09	12	15	9000	9000	12000	15000	45000	5190	25.3	22.9
09	09	12	18	9000	9000	12000	18000	48000	5900	28.8	26.0
09	09	12	24	9000	9000	12000	24000	54000	5400	26.3	23.8
09	09	15	15	9000	9000	15000	15000	48000	5900	28.8	26.0
09	09	15	18	9000	9000	15000	18000	51000	5620	27.4	24.8
09	09	15	24	8530	8530	14210	22740	54010	4940	24.1	21.8
09	09	18	18	9000	9000	18000	18000	54000	5400	26.3	23.8
09	09	18	24	8100	8100	16200	21600	54000	4550	22.2	20.1
09	09	24	24	7360	7360	19640	19640	54000	3930	19.2	17.3
09	12	12	12	9000	12000	12000	12000	45000	5190	25.3	22.9
09	12	12	15	9000	12000	12000	15000	48000	5900	28.8	26.0
09	12	12	18	9000	12000	12000	18000	51000	5620	27.4	24.8
09	12	12	24	8530	11370	11370	22740	54010	4940	24.1	21.8
09	12	15	15	9000	12000	15000	15000	51000	5620	27.4	24.8
09	12	15	18	9000	12000	15000	18000	54000	5400	26.3	23.8
09	12	15	24	8100	10800	13500	21600	54000	4550	22.2	20.1
09	12	18	18	8530	11370	17050	17050	54000	4940	24.1	21.8
09	12	18	24	7710	10290	15430	20570	54000	4220	20.6	18.6

<Cooling>

Indoor unit combinations					Capacity of each unit (BTU/h)					Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E			208V	230V
09	12	24	24	-	7040	9390	18780	18780	-	53990	3680	17.9	16.2
09	15	15	15	-	9000	15000	15000	15000	-	54000	5400	26.3	23.8
09	15	15	18	-	8530	14210	14210	17050	-	54000	4940	24.1	21.8
09	15	15	24	-	7710	12860	12860	20570	-	54000	4220	20.6	18.6
09	15	18	18	-	8100	13500	16200	16200	-	54000	4550	22.2	20.1
09	15	18	24	-	7360	12270	14730	19640	-	54000	3930	19.2	17.3
09	18	18	18	-	7710	15430	15430	15430	-	54000	4220	20.6	18.6
09	18	18	24	-	7040	14090	14090	18780	-	54000	3680	17.9	16.2
12	12	12	12	-	12000	12000	12000	12000	-	48000	5900	28.8	26.0
12	12	12	15	-	12000	12000	12000	15000	-	51000	5620	27.4	24.8
12	12	12	18	-	12000	12000	12000	18000	-	54000	5400	26.3	23.8
12	12	12	24	-	10800	10800	10800	21600	-	54000	4550	22.2	20.1
12	12	15	15	-	12000	12000	15000	15000	-	54000	5400	26.3	23.8
12	12	15	18	-	11370	11370	14210	17050	-	54000	4940	24.1	21.8
12	12	15	24	-	10290	10290	12860	20570	-	54010	4220	20.6	18.6
12	12	18	18	-	10800	10800	16200	16200	-	54000	4550	22.2	20.1
12	12	18	24	-	9820	9820	14730	19640	-	54010	3930	19.2	17.3
12	15	15	15	-	11370	14210	14210	14210	-	54000	4940	24.1	21.8
12	15	15	18	-	10800	13500	13500	16200	-	54000	4550	22.2	20.1
12	15	15	24	-	9820	12270	12270	19640	-	54000	3930	19.2	17.3
12	15	18	18	-	10290	12860	15430	15430	-	54010	4220	20.6	18.6
12	15	18	24	-	9390	11740	14090	18780	-	54000	3680	17.9	16.2
12	18	18	18	-	9820	14730	14730	14730	-	54010	3930	19.2	17.3
15	15	15	15	-	13500	13500	13500	13500	-	54000	4550	22.2	20.1
15	15	15	18	-	12860	12860	12860	15430	-	54010	4220	20.6	18.6
15	15	15	24	-	11740	11740	11740	18780	-	54000	3680	17.9	16.2
15	15	18	18	-	12270	12270	14730	14730	-	54000	3930	19.2	17.3
15	18	18	18	-	11740	14090	14090	14090	-	54010	3680	17.9	16.2
06	06	06	06	06	6000	6000	6000	6000	6000	30000	2780	13.6	12.3
06	06	06	06	09	6000	6000	6000	6000	9000	33000	3010	14.7	13.3
06	06	06	06	12	6000	6000	6000	6000	12000	36000	3390	16.5	14.9
06	06	06	06	15	6000	6000	6000	6000	15000	39000	3910	19.1	17.2
06	06	06	06	18	6000	6000	6000	6000	18000	42000	4510	22.0	19.9
06	06	06	06	24	6000	6000	6000	6000	24000	48000	5900	28.8	26.0
06	06	06	09	09	6000	6000	6000	9000	9000	36000	3390	16.5	14.9
06	06	06	09	12	6000	6000	6000	9000	12000	39000	3910	19.1	17.2
06	06	06	09	15	6000	6000	6000	9000	15000	42000	4510	22.0	19.9
06	06	06	09	18	6000	6000	6000	9000	18000	45000	5190	25.3	22.9
06	06	06	09	24	6000	6000	6000	9000	24000	51000	5620	27.4	24.8
06	06	06	12	12	6000	6000	6000	12000	12000	42000	4510	22.0	19.9
06	06	06	12	15	6000	6000	6000	12000	15000	45000	5190	25.3	22.9
06	06	06	12	18	6000	6000	6000	12000	18000	48000	5900	28.8	26.0
06	06	06	12	24	6000	6000	6000	12000	24000	54000	5400	26.3	23.8
06	06	06	15	15	6000	6000	6000	15000	15000	48000	5900	28.8	26.0
06	06	06	15	18	6000	6000	6000	15000	18000	51000	5620	27.4	24.8
06	06	06	15	24	5680	5680	5680	14210	22740	53990	4940	24.1	21.8
06	06	06	18	18	6000	6000	6000	18000	18000	54000	5400	26.3	23.8
06	06	06	18	24	5400	5400	5400	16200	21600	54000	4550	22.2	20.1
06	06	06	24	24	4910	4910	4910	19640	19640	54010	3930	19.2	17.3
06	06	09	09	09	6000	6000	9000	9000	9000	39000	3910	19.1	17.2
06	06	09	09	12	6000	6000	9000	9000	12000	42000	4510	22.0	19.9
06	06	09	09	15	6000	6000	9000	9000	15000	45000	5190	25.3	22.9
06	06	09	09	18	6000	6000	9000	9000	18000	48000	5900	28.8	26.0
06	06	09	09	24	6000	6000	9000	9000	24000	54000	5400	26.3	23.8
06	06	09	12	12	6000	6000	9000	12000	12000	45000	5190	25.3	22.9
06	06	09	12	15	6000	6000	9000	12000	15000	48000	5900	28.8	26.0
06	06	09	12	18	6000	6000	9000	12000	18000	51000	5620	27.4	24.8

<Cooling>

Indoor unit combinations					Capacity of each unit (BTU/h)					Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E			208V	230V
06	06	09	12	24	5680	5680	8530	11370	22740	54000	4940	24.1	21.8
06	06	09	15	15	6000	6000	9000	15000	15000	51000	5620	27.4	24.8
06	06	09	15	18	6000	6000	9000	15000	18000	54000	5400	26.3	23.8
06	06	09	15	24	5400	5400	8100	13500	21600	54000	4550	22.2	20.1
06	06	09	18	18	5680	5680	8530	17050	17050	53990	4940	24.1	21.8
06	06	09	18	24	5140	5140	7710	15430	20570	53990	4220	20.6	18.6
06	06	09	24	24	4700	4700	7040	18780	18780	54000	3680	17.9	16.2
06	06	12	12	12	6000	6000	12000	12000	12000	48000	5900	28.8	26.0
06	06	12	12	15	6000	6000	12000	12000	15000	51000	5620	27.4	24.8
06	06	12	12	18	6000	6000	12000	12000	18000	54000	5400	26.3	23.8
06	06	12	12	24	5400	5400	10800	10800	21600	54000	4550	22.2	20.1
06	06	12	15	15	6000	6000	12000	15000	15000	54000	5400	26.3	23.8
06	06	12	15	18	5680	5680	11370	14210	17050	53990	4940	24.1	21.8
06	06	12	15	24	5140	5140	10290	12860	20570	54000	4220	20.6	18.6
06	06	12	18	18	5400	5400	10800	16200	16200	54000	4550	22.2	20.1
06	06	12	18	24	4910	4910	9820	14730	19640	54010	3930	19.2	17.3
06	06	15	15	15	5680	5680	14210	14210	14210	53990	4940	24.1	21.8
06	06	15	15	18	5400	5400	13500	13500	16200	54000	4550	22.2	20.1
06	06	15	15	24	4910	4910	12270	12270	19640	54000	3930	19.2	17.3
06	06	15	18	18	5140	5140	12860	15430	15430	54000	4220	20.6	18.6
06	06	15	18	24	4700	4700	11740	14090	18780	54010	3680	17.9	16.2
06	06	18	18	18	4910	4910	14730	14730	14730	54010	3930	19.2	17.3
06	09	09	09	09	6000	9000	9000	9000	9000	42000	4510	22.0	19.9
06	09	09	09	12	6000	9000	9000	9000	12000	45000	5190	25.3	22.9
06	09	09	09	15	6000	9000	9000	9000	15000	48000	5900	28.8	26.0
06	09	09	09	18	6000	9000	9000	9000	18000	51000	5620	27.4	24.8
06	09	09	09	24	5680	8530	8530	8530	22740	54010	4940	24.1	21.8
06	09	09	12	12	6000	9000	9000	12000	12000	48000	5900	28.8	26.0
06	09	09	12	15	6000	9000	9000	12000	15000	51000	5620	27.4	24.8
06	09	09	12	18	6000	9000	9000	12000	18000	54000	5400	26.3	23.8
06	09	09	12	24	5400	8100	8100	10800	21600	54000	4550	22.2	20.1
06	09	09	15	15	6000	9000	9000	15000	15000	54000	5400	26.3	23.8
06	09	09	15	18	5680	8530	8530	14210	17050	54000	4940	24.1	21.8
06	09	09	15	24	5140	7710	7710	12860	20570	53990	4220	20.6	18.6
06	09	09	18	18	5400	8100	8100	16200	16200	54000	4550	22.2	20.1
06	09	09	18	24	4910	7360	7360	14730	19640	54000	3930	19.2	17.3
06	09	12	12	12	6000	9000	12000	12000	12000	51000	5620	27.4	24.8
06	09	12	12	15	6000	9000	12000	12000	15000	54000	5400	26.3	23.8
06	09	12	12	18	5680	8530	11370	11370	17050	54000	4940	24.1	21.8
06	09	12	12	24	5140	7710	10290	10290	20570	54000	4220	20.6	18.6
06	09	12	15	15	5680	8530	11370	14210	14210	54000	4940	24.1	21.8
06	09	12	15	18	5400	8100	10800	13500	16200	54000	4550	22.2	20.1
06	09	12	15	24	4910	7360	9820	12270	19640	54000	3930	19.2	17.3
06	09	12	18	18	5140	7710	10290	15430	15430	54000	4220	20.6	18.6
06	09	12	18	24	4700	7040	9390	14090	18780	54000	3680	17.9	16.2
06	09	15	15	15	5400	8100	13500	13500	13500	54000	4550	22.2	20.1
06	09	15	15	18	5140	7710	12860	12860	15430	54000	4220	20.6	18.6
06	09	15	15	24	4700	7040	11740	11740	18780	54000	3680	17.9	16.2
06	09	15	18	18	4910	7360	12270	14730	14730	54000	3930	19.2	17.3
06	09	18	18	18	4700	7040	14090	14090	14090	54010	3680	17.9	16.2
06	12	12	12	12	6000	12000	12000	12000	12000	54000	5400	26.3	23.8
06	12	12	12	15	5680	11370	11370	11370	14210	54000	4940	24.1	21.8
06	12	12	12	18	5400	10800	10800	10800	16200	54000	4550	22.2	20.1
06	12	12	12	24	4910	9820	9820	9820	19640	54010	3930	19.2	17.3
06	12	12	15	15	5400	10800	10800	13500	13500	54000	4550	22.2	20.1
06	12	12	15	18	5140	10290	10290	12860	15430	54010	4220	20.6	18.6
06	12	12	15	24	4700	9390	9390	11740	18780	54000	3680	17.9	16.2

<Cooling>

Indoor unit combinations						Capacity of each unit (BTU/h)						Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
														208V	230V
A	B	C	D	E	F	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F				
06	12	12	18	18	-	4910	9820	9820	14730	14730	-	54010	3930	19.2	17.3
06	12	15	15	15	-	5140	10290	12860	12860	12860	-	54010	4220	20.6	18.6
06	12	15	15	18	-	4910	9820	12270	12270	14730	-	54000	3930	19.2	17.3
06	12	15	18	18	-	4700	9390	11740	14090	14090	-	54010	3680	17.9	16.2
06	15	15	15	15	-	4910	12270	12270	12270	12270	-	53990	3930	19.2	17.3
06	15	15	15	18	-	4700	11740	11740	11740	14090	-	54010	3680	17.9	16.2
09	09	09	09	09	-	9000	9000	9000	9000	9000	-	45000	5190	25.3	22.9
09	09	09	09	12	-	9000	9000	9000	9000	12000	-	48000	5900	28.8	26.0
09	09	09	09	15	-	9000	9000	9000	9000	15000	-	51000	5620	27.4	24.8
09	09	09	09	18	-	9000	9000	9000	9000	18000	-	54000	5400	26.3	23.8
09	09	09	09	24	-	8100	8100	8100	8100	21600	-	54000	4550	22.2	20.1
09	09	09	12	12	-	9000	9000	9000	12000	12000	-	51000	5620	27.4	24.8
09	09	09	12	15	-	9000	9000	9000	12000	15000	-	54000	5400	26.3	23.8
09	09	09	12	18	-	8530	8530	8530	11370	17050	-	54010	4940	24.1	21.8
09	09	09	12	24	-	7710	7710	7710	10290	20570	-	53990	4220	20.6	18.6
09	09	09	15	15	-	8530	8530	8530	14210	14210	-	54010	4940	24.1	21.8
09	09	09	15	18	-	8100	8100	8100	13500	16200	-	54000	4550	22.2	20.1
09	09	09	15	24	-	7360	7360	7360	12270	19640	-	53990	3930	19.2	17.3
09	09	09	18	18	-	7710	7710	7710	15430	15430	-	53990	4220	20.6	18.6
09	09	09	18	24	-	7040	7040	7040	14090	18780	-	53990	3680	17.9	16.2
09	09	12	12	12	-	9000	9000	12000	12000	12000	-	54000	5400	26.3	23.8
09	09	12	12	15	-	8530	8530	11370	11370	14210	-	54010	4940	24.1	21.8
09	09	12	12	18	-	8100	8100	10800	10800	16200	-	54000	4550	22.2	20.1
09	09	12	12	24	-	7360	7360	9820	9820	19640	-	54000	3930	19.2	17.3
09	09	12	15	15	-	8100	8100	10800	13500	13500	-	54000	4550	22.2	20.1
09	09	12	15	18	-	7710	7710	10290	12860	15430	-	54000	4220	20.6	18.6
09	09	12	15	24	-	7040	7040	9390	11740	18780	-	53990	3680	17.9	16.2
09	09	12	18	18	-	7360	7360	9820	14730	14730	-	54000	3930	19.2	17.3
09	09	15	15	15	-	7710	7710	12860	12860	12860	-	54000	4220	20.6	18.6
09	09	15	15	18	-	7360	7360	12270	12270	14730	-	53990	3930	19.2	17.3
09	09	15	18	18	-	7040	7040	11740	14090	14090	-	54000	3680	17.9	16.2
09	12	12	12	12	-	8530	11370	11370	11370	11370	-	54010	4940	24.1	21.8
09	12	12	12	15	-	8100	10800	10800	10800	13500	-	54000	4550	22.2	20.1
09	12	12	12	18	-	7710	10290	10290	10290	15430	-	54010	4220	20.6	18.6
09	12	12	12	24	-	7040	9390	9390	9390	18780	-	53990	3680	17.9	16.2
09	12	12	15	15	-	7710	10290	10290	12860	12860	-	54010	4220	20.6	18.6
09	12	12	15	18	-	7360	9820	9820	12270	14730	-	54000	3930	19.2	17.3
09	12	12	18	18	-	7040	9390	9390	14090	14090	-	54000	3680	17.9	16.2
09	12	15	15	15	-	7360	9820	12270	12270	12270	-	53990	3930	19.2	17.3
09	12	15	15	18	-	7040	9390	11740	11740	14090	-	54000	3680	17.9	16.2
09	15	15	15	15	-	7040	11740	11740	11740	11740	-	54000	3680	17.9	16.2
12	12	12	12	12	-	10800	10800	10800	10800	10800	-	54000	4550	22.2	20.1
12	12	12	12	15	-	10290	10290	10290	10290	12860	-	54020	4220	20.6	18.6
12	12	12	12	18	-	9820	9820	9820	9820	14730	-	54010	3930	19.2	17.3
12	12	12	15	15	-	9820	9820	9820	12270	12270	-	54000	3930	19.2	17.3
12	12	12	15	18	-	9390	9390	9390	11740	14090	-	54000	3680	17.9	16.2
12	12	15	15	15	-	9390	9390	11740	11740	11740	-	54000	3680	17.9	16.2
06	06	06	06	06	06	6000	6000	6000	6000	6000	6000	36000	3390	16.5	14.9
06	06	06	06	06	09	6000	6000	6000	6000	6000	9000	39000	3910	19.1	17.2
06	06	06	06	06	12	6000	6000	6000	6000	6000	12000	42000	4510	22.0	19.9
06	06	06	06	06	15	6000	6000	6000	6000	6000	15000	45000	5190	25.3	22.9
06	06	06	06	06	18	6000	6000	6000	6000	6000	18000	48000	5900	28.8	26.0
06	06	06	06	06	24	6000	6000	6000	6000	6000	24000	54000	5400	26.3	23.8
06	06	06	06	09	09	6000	6000	6000	6000	9000	9000	42000	4510	22.0	19.9
06	06	06	06	09	12	6000	6000	6000	6000	9000	12000	45000	5190	25.3	22.9
06	06	06	06	09	15	6000	6000	6000	6000	9000	15000	48000	5900	28.8	26.0
06	06	06	06	09	18	6000	6000	6000	6000	9000	18000	51000	5620	27.4	24.8

<Cooling>

Indoor unit combinations						Capacity of each unit (BTU/h)						Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit						Unit A	Unit B	Unit C	Unit D	Unit E	Unit F			208V	230V
06	06	06	06	09	24	5680	5680	5680	5680	8530	22740	53990	4940	24.1	21.8
06	06	06	06	12	12	6000	6000	6000	6000	12000	12000	48000	5900	28.8	26.0
06	06	06	06	12	15	6000	6000	6000	6000	12000	15000	51000	5620	27.4	24.8
06	06	06	06	12	18	6000	6000	6000	6000	12000	18000	54000	5400	26.3	23.8
06	06	06	06	12	24	5400	5400	5400	5400	10800	21600	54000	4550	22.2	20.1
06	06	06	06	15	15	6000	6000	6000	6000	15000	15000	54000	5400	26.3	23.8
06	06	06	06	15	18	5680	5680	5680	5680	14210	17050	53980	4940	24.1	21.8
06	06	06	06	15	24	5140	5140	5140	5140	12860	20570	53990	4220	20.6	18.6
06	06	06	06	18	18	5400	5400	5400	5400	16200	16200	54000	4550	22.2	20.1
06	06	06	06	18	24	4910	4910	4910	4910	14730	19640	54010	3930	19.2	17.3
06	06	06	09	09	09	6000	6000	6000	9000	9000	9000	45000	5190	25.3	22.9
06	06	06	09	09	12	6000	6000	6000	9000	9000	12000	48000	5900	28.8	26.0
06	06	06	09	09	15	6000	6000	6000	9000	9000	15000	51000	5620	27.4	24.8
06	06	06	09	09	18	6000	6000	6000	9000	9000	18000	54000	5400	26.3	23.8
06	06	06	09	09	24	5400	5400	5400	8100	8100	21600	54000	4550	22.2	20.1
06	06	06	09	12	12	6000	6000	6000	9000	12000	12000	51000	5620	27.4	24.8
06	06	06	09	12	15	6000	6000	6000	9000	12000	15000	54000	5400	26.3	23.8
06	06	06	09	12	18	5680	5680	5680	8530	11370	17050	53990	4940	24.1	21.8
06	06	06	09	12	24	5140	5140	5140	7710	10290	20570	53990	4220	20.6	18.6
06	06	06	09	15	15	5680	5680	5680	8530	14210	14210	53990	4940	24.1	21.8
06	06	06	09	15	18	5400	5400	5400	8100	13500	16200	54000	4550	22.2	20.1
06	06	06	09	15	24	4910	4910	4910	7360	12270	19640	54000	3930	19.2	17.3
06	06	06	09	18	18	5140	5140	5140	7710	15430	15430	53990	4220	20.6	18.6
06	06	06	09	18	24	4700	4700	4700	7040	14090	18780	54010	3680	17.9	16.2
06	06	06	12	12	12	6000	6000	6000	12000	12000	12000	54000	5400	26.3	23.8
06	06	06	12	12	15	5680	5680	5680	11370	11370	14210	53990	4940	24.1	21.8
06	06	06	12	12	18	5400	5400	5400	10800	10800	16200	54000	4550	22.2	20.1
06	06	06	12	12	24	4910	4910	4910	9820	9820	19640	54010	3930	19.2	17.3
06	06	06	12	15	15	5400	5400	5400	10800	13500	13500	54000	4550	22.2	20.1
06	06	06	12	15	18	5140	5140	5140	10290	12860	15430	54000	4220	20.6	18.6
06	06	06	12	15	24	4700	4700	4700	9390	11740	18780	54010	3680	17.9	16.2
06	06	06	12	18	18	4910	4910	4910	9820	14730	14730	54010	3930	19.2	17.3
06	06	06	15	15	15	5140	5140	5140	12860	12860	12860	54000	4220	20.6	18.6
06	06	06	15	15	18	4910	4910	4910	12270	12270	14730	54000	3930	19.2	17.3
06	06	06	15	18	18	4700	4700	4700	11740	14090	14090	54020	3680	17.9	16.2
06	06	09	09	09	09	6000	6000	9000	9000	9000	9000	48000	5900	28.8	26.0
06	06	09	09	09	12	6000	6000	9000	9000	9000	12000	51000	5620	27.4	24.8
06	06	09	09	09	15	6000	6000	9000	9000	9000	15000	54000	5400	26.3	23.8
06	06	09	09	09	18	5680	5680	8530	8530	8530	17050	54000	4940	24.1	21.8
06	06	09	09	09	24	5140	5140	7710	7710	7710	20570	53980	4220	20.6	18.6
06	06	09	09	12	12	6000	6000	9000	9000	12000	12000	54000	5400	26.3	23.8
06	06	09	09	12	15	5680	5680	8530	8530	11370	14210	54000	4940	24.1	21.8
06	06	09	09	12	18	5400	5400	8100	8100	10800	16200	54000	4550	22.2	20.1
06	06	09	09	12	24	4910	4910	7360	7360	9820	19640	54000	3930	19.2	17.3
06	06	09	09	15	15	5400	5400	8100	8100	13500	13500	54000	4550	22.2	20.1
06	06	09	09	15	18	5140	5140	7710	7710	12860	15430	53990	4220	20.6	18.6
06	06	09	09	15	24	4700	4700	7040	7040	11740	18780	54000	3680	17.9	16.2
06	06	09	09	18	18	4910	4910	7360	7360	14730	14730	54000	3930	19.2	17.3
06	06	09	12	12	12	5680	5680	8530	11370	11370	11370	54000	4940	24.1	21.8
06	06	09	12	12	15	5400	5400	8100	10800	10800	13500	54000	4550	22.2	20.1
06	06	09	12	12	18	5140	5140	7710	10290	10290	15430	54000	4220	20.6	18.6
06	06	09	12	12	24	4700	4700	7040	9390	9390	18780	54000	3680	17.9	16.2
06	06	09	12	15	15	5140	5140	7710	10290	12860	12860	54000	4220	20.6	18.6
06	06	09	12	15	18	4910	4910	7360	9820	12270	14730	54000	3930	19.2	17.3
06	06	09	12	18	18	4700	4700	7040	9390	14090	14090	54010	3680	17.9	16.2
06	06	09	15	15	15	4910	4910	7360	12270	12270	12270	53990	3930	19.2	17.3
06	06	09	15	15	18	4700	4700	7040	11740	11740	14090	54010	3680	17.9	16.2

<Cooling>

Indoor unit combinations							Capacity of each unit (BTU/h)							Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit							Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G			208V	230V
06	06	12	12	12	12	-	5400	5400	10800	10800	10800	10800	-	54000	4550	22.2	20.1
06	06	12	12	12	15	-	5140	5140	10290	10290	10290	12860	-	54010	4220	20.6	18.6
06	06	12	12	12	18	-	4910	4910	9820	9820	9820	14730	-	54010	3930	19.2	17.3
06	06	12	12	15	15	-	4910	4910	9820	9820	12270	12270	-	54000	3930	19.2	17.3
06	06	12	12	15	18	-	4700	4700	9390	9390	11740	14090	-	54010	3680	17.9	16.2
06	06	12	15	15	15	-	4700	4700	9390	11740	11740	11740	-	54010	3680	17.9	16.2
06	09	09	09	09	09	-	6000	9000	9000	9000	9000	9000	-	51000	5620	27.4	24.8
06	09	09	09	09	12	-	6000	9000	9000	9000	9000	12000	-	54000	5400	26.3	23.8
06	09	09	09	09	15	-	5680	8530	8530	8530	8530	14210	-	54010	4940	24.1	21.8
06	09	09	09	09	18	-	5400	8100	8100	8100	8100	16200	-	54000	4550	22.2	20.1
06	09	09	09	09	24	-	4910	7360	7360	7360	7360	19640	-	53990	3930	19.2	17.3
06	09	09	09	12	12	-	5680	8530	8530	8530	11370	11370	-	54010	4940	24.1	21.8
06	09	09	09	12	15	-	5400	8100	8100	8100	10800	13500	-	54000	4550	22.2	20.1
06	09	09	09	12	18	-	5140	7710	7710	7710	10290	15430	-	53990	4220	20.6	18.6
06	09	09	09	12	24	-	4700	7040	7040	7040	9390	18780	-	53990	3680	17.9	16.2
06	09	09	09	15	15	-	5140	7710	7710	7710	12860	12860	-	53990	4220	20.6	18.6
06	09	09	09	15	18	-	4910	7360	7360	7360	12270	14730	-	53990	3930	19.2	17.3
06	09	09	09	18	18	-	4700	7040	7040	7040	14090	14090	-	54000	3680	17.9	16.2
06	09	09	12	12	12	-	5400	8100	8100	10800	10800	10800	-	54000	4550	22.2	20.1
06	09	09	12	12	15	-	5140	7710	7710	10290	10290	12860	-	54000	4220	20.6	18.6
06	09	09	12	12	18	-	4910	7360	7360	9820	9820	14730	-	54000	3930	19.2	17.3
06	09	09	12	15	15	-	4910	7360	7360	9820	12270	12270	-	53990	3930	19.2	17.3
06	09	09	12	15	18	-	4700	7040	7040	9390	11740	14090	-	54000	3680	17.9	16.2
06	09	09	15	15	15	-	4700	7040	7040	11740	11740	11740	-	54000	3680	17.9	16.2
06	09	12	12	12	12	-	5140	7710	10290	10290	10290	10290	-	54010	4220	20.6	18.6
06	09	12	12	12	15	-	4910	7360	9820	9820	9820	12270	-	54000	3930	19.2	17.3
06	09	12	12	12	18	-	4700	7040	9390	9390	9390	14090	-	54000	3680	17.9	16.2
06	09	12	12	15	15	-	4700	7040	9390	9390	11740	11740	-	54000	3680	17.9	16.2
06	12	12	12	12	12	-	4910	9820	9820	9820	9820	9820	-	54010	3930	19.2	17.3
06	12	12	12	12	15	-	4700	9390	9390	9390	9390	11740	-	54000	3680	17.9	16.2
09	09	09	09	09	09	-	9000	9000	9000	9000	9000	9000	-	54000	5400	26.3	23.8
09	09	09	09	09	12	-	8530	8530	8530	8530	8530	11370	-	54020	4940	24.1	21.8
09	09	09	09	09	15	-	8100	8100	8100	8100	8100	13500	-	54000	4550	22.2	20.1
09	09	09	09	09	18	-	7710	7710	7710	7710	7710	15430	-	53980	4220	20.6	18.6
09	09	09	09	09	24	-	7040	7040	7040	7040	7040	18780	-	53980	3680	17.9	16.2
09	09	09	09	12	12	-	8100	8100	8100	8100	10800	10800	-	54000	4550	22.2	20.1
09	09	09	09	12	15	-	7710	7710	7710	7710	10290	12860	-	53990	4220	20.6	18.6
09	09	09	09	12	18	-	7360	7360	7360	7360	9820	14730	-	53990	3930	19.2	17.3
09	09	09	09	15	15	-	7360	7360	7360	7360	12270	12270	-	53980	3930	19.2	17.3
09	09	09	09	15	18	-	7040	7040	7040	7040	11740	14090	-	53990	3680	17.9	16.2
09	09	09	12	12	12	-	7710	7710	7710	10290	10290	10290	-	54000	4220	20.6	18.6
09	09	09	12	12	15	-	7360	7360	7360	9820	9820	12270	-	53990	3930	19.2	17.3
09	09	09	12	12	18	-	7040	7040	7040	9390	9390	14090	-	53990	3680	17.9	16.2
09	09	09	12	15	15	-	7040	7040	7040	9390	11740	11740	-	53990	3680	17.9	16.2
09	09	12	12	12	12	-	7360	7360	9820	9820	9820	9820	-	54000	3930	19.2	17.3
09	09	12	12	12	15	-	7040	7040	9390	9390	9390	11740	-	53990	3680	17.9	16.2
09	12	12	12	12	12	-	7040	9390	9390	9390	9390	9390	-	53990	3680	17.9	16.2
06	06	06	06	06	06	06	6000	6000	6000	6000	6000	6000	6000	42000	4510	22.0	19.9
06	06	06	06	06	06	09	6000	6000	6000	6000	6000	6000	9000	45000	5190	25.3	22.9
06	06	06	06	06	06	12	6000	6000	6000	6000	6000	6000	12000	48000	5900	28.8	26.0
06	06	06	06	06	06	15	6000	6000	6000	6000	6000	6000	15000	51000	5620	27.4	24.8
06	06	06	06	06	06	18	6000	6000	6000	6000	6000	6000	18000	54000	5400	26.3	23.8
06	06	06	06	06	06	24	5400	5400	5400	5400	5400	5400	21600	54000	4550	22.2	20.1
06	06	06	06	06	09	09	6000	6000	6000	6000	6000	9000	9000	48000	5900	28.8	26.0
06	06	06	06	06	09	12	6000	6000	6000	6000	6000	9000	12000	51000	5620	27.4	24.8
06	06	06	06	06	09	15	6000	6000	6000	6000	6000	9000	15000	54000	5400	26.3	23.8
06	06	06	06	06	09	18	5680	5680	5680	5680	5680	8530	17050	53980	4940	24.1	21.8

<Cooling>

Indoor unit combinations							Capacity of each unit (BTU/h)							Total rated capacity (BTU/h)	Outdoor unit Input (W)	Outdoor unit current (A)	
Unit							Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G			208V	230V
06	06	06	06	06	09	24	5140	5140	5140	5140	5140	7710	20570	53980	4220	20.6	18.6
06	06	06	06	06	12	12	6000	6000	6000	6000	6000	12000	12000	54000	5400	26.3	23.8
06	06	06	06	06	12	15	5680	5680	5680	5680	5680	11370	14210	53980	4940	24.1	21.8
06	06	06	06	06	12	18	5400	5400	5400	5400	5400	10800	16200	54000	4550	22.2	20.1
06	06	06	06	06	12	24	4910	4910	4910	4910	4910	9820	19640	54010	3930	19.2	17.3
06	06	06	06	06	15	15	5400	5400	5400	5400	5400	13500	13500	54000	4550	22.2	20.1
06	06	06	06	06	15	18	5140	5140	5140	5140	5140	12860	15430	53990	4220	20.6	18.6
06	06	06	06	06	15	24	4700	4700	4700	4700	4700	11740	18780	54020	3680	17.9	16.2
06	06	06	06	06	18	18	4910	4910	4910	4910	4910	14730	14730	54010	3930	19.2	17.3
06	06	06	06	09	09	09	6000	6000	6000	6000	9000	9000	9000	51000	5620	27.4	24.8
06	06	06	06	09	09	12	6000	6000	6000	6000	9000	9000	12000	54000	5400	26.3	23.8
06	06	06	06	09	09	15	5680	5680	5680	5680	8530	8530	14210	53990	4940	24.1	21.8
06	06	06	06	09	09	18	5400	5400	5400	5400	8100	8100	16200	54000	4550	22.2	20.1
06	06	06	06	09	09	24	4910	4910	4910	4910	7360	7360	19640	54000	3930	19.2	17.3
06	06	06	06	09	12	12	5680	5680	5680	5680	8530	11370	11370	53990	4940	24.1	21.8
06	06	06	06	09	12	15	5400	5400	5400	5400	8100	10800	13500	54000	4550	22.2	20.1
06	06	06	06	09	12	18	5140	5140	5140	5140	7710	10290	15430	53990	4220	20.6	18.6
06	06	06	06	09	12	24	4700	4700	4700	4700	7040	9390	18780	54010	3680	17.9	16.2
06	06	06	06	09	15	15	5140	5140	5140	5140	7710	12860	12860	53990	4220	20.6	18.6
06	06	06	06	09	15	18	4910	4910	4910	4910	7360	12270	14730	54000	3930	19.2	17.3
06	06	06	06	09	18	18	4700	4700	4700	4700	7040	14090	14090	54020	3680	17.9	16.2
06	06	06	06	12	12	12	5400	5400	5400	5400	10800	10800	10800	54000	4550	22.2	20.1
06	06	06	06	12	12	15	5140	5140	5140	5140	10290	10290	12860	54000	4220	20.6	18.6
06	06	06	06	12	12	18	4910	4910	4910	4910	9820	9820	14730	54010	3930	19.2	17.3
06	06	06	06	12	15	15	4910	4910	4910	4910	9820	12270	12270	54000	3930	19.2	17.3
06	06	06	06	12	15	18	4700	4700	4700	4700	9390	11740	14090	54020	3680	17.9	16.2
06	06	06	06	15	15	15	4700	4700	4700	4700	11740	11740	11740	54020	3680	17.9	16.2
06	06	06	09	09	09	09	6000	6000	6000	9000	9000	9000	9000	54000	5400	26.3	23.8
06	06	06	09	09	09	12	5680	5680	5680	8530	8530	8530	11370	54000	4940	24.1	21.8
06	06	06	09	09	09	15	5400	5400	5400	8100	8100	8100	13500	54000	4550	22.2	20.1
06	06	06	09	09	09	18	5140	5140	5140	7710	7710	7710	15430	53980	4220	20.6	18.6
06	06	06	09	09	09	24	4700	4700	4700	7040	7040	7040	18780	54000	3680	17.9	16.2
06	06	06	09	09	12	12	5400	5400	5400	8100	8100	10800	10800	54000	4550	22.2	20.1
06	06	06	09	09	12	15	5140	5140	5140	7710	7710	10290	12860	53990	4220	20.6	18.6
06	06	06	09	09	12	18	4910	4910	4910	7360	7360	9820	14730	54000	3930	19.2	17.3
06	06	06	09	09	15	15	4910	4910	4910	7360	7360	12270	12270	53990	3930	19.2	17.3
06	06	06	09	09	15	18	4700	4700	4700	7040	7040	11740	14090	54010	3680	17.9	16.2
06	06	06	09	12	12	12	5140	5140	5140	7710	10290	10290	10290	54000	4220	20.6	18.6
06	06	06	09	12	12	15	4910	4910	4910	7360	9820	9820	12270	54000	3930	19.2	17.3
06	06	06	09	12	12	18	4700	4700	4700	7040	9390	9390	14090	54010	3680	17.9	16.2
06	06	06	09	12	15	15	4700	4700	4700	7040	9390	11740	11740	54010	3680	17.9	16.2
06	06	06	12	12	12	12	4910	4910	4910	9820	9820	9820	9820	54010	3930	19.2	17.3
06	06	06	12	12	12	15	4700	4700	4700	9390	9390	9390	11740	54010	3680	17.9	16.2
06	06	09	09	09	09	09	5680	5680	8530	8530	8530	8530	8530	54010	4940	24.1	21.8
06	06	09	09	09	09	12	5400	5400	8100	8100	8100	8100	10800	54000	4550	22.2	20.1
06	06	09	09	09	09	15	5140	5140	7710	7710	7710	7710	12860	53980	4220	20.6	18.6
06	06	09	09	09	09	18	4910	4910	7360	7360	7360	7360	14730	53990	3930	19.2	17.3
06	06	09	09	09	12	12	5140	5140	7710	7710	7710	10290	10290	53990	4220	20.6	18.6
06	06	09	09	09	12	15	4910	4910	7360	7360	7360	9820	12270	53990	3930	19.2	17.3
06	06	09	09	09	12	18	4700	4700	7040	7040	7040	9390	14090	54000	3680	17.9	16.2
06	06	09	09	09	15	15	4700	4700	7040	7040	7040	11740	11740	54000	3680	17.9	16.2
06	06	09	09	12	12	12	4910	4910	7360	7360	9820	9820	9820	54000	3930	19.2	17.3
06	06	09	09	12	12	15	4700	4700	7040	7040	9390	9390	11740	54000	3680	17.9	16.2
06	06	09	12	12	12	12	4700	4700	7040	9390	9390	9390	9390	54000	3680	17.9	16.2
06	09	09	09	09	09	09	5400	8100	8100	8100	8100	8100	8100	54000	4550	22.2	20.1
06	09	09	09	09	09	12	5140	7710	7710	7710	7710	7710	10290	53980	4220	20.6	18.6
06	09	09	09	09	09	15	4910	7360	7360	7360	7360	7360	12270	53980	3930	19.2	17.3



<Cooling>

Indoor unit combinations								Capacity of each unit (BTU/h)								Total rated capacity (BTU/h)	Outdoor unit Input (W)	Outdoor unit current (A)	
Unit																		208V	230V
A	B	C	D	E	F	G	H	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G	Unit H				
06	09	09	09	09	09	18	-	4700	7040	7040	7040	7040	7040	14090	-	53990	3680	17.9	16.2
06	09	09	09	09	12	12	-	4910	7360	7360	7360	7360	9820	9820	-	53990	3930	19.2	17.3
06	09	09	09	09	12	15	-	4700	7040	7040	7040	7040	9390	11740	-	53990	3680	17.9	16.2
06	09	09	09	12	12	12	-	4700	7040	7040	7040	9390	9390	9390	-	53990	3680	17.9	16.2
09	09	09	09	09	09	09	-	7710	7710	7710	7710	7710	7710	7710	-	53970	4220	20.6	18.6
09	09	09	09	09	09	12	-	7360	7360	7360	7360	7360	7360	9820	-	53980	3930	19.2	17.3
09	09	09	09	09	09	15	-	7040	7040	7040	7040	7040	7040	11740	-	53980	3680	17.9	16.2
09	09	09	09	09	12	12	-	7040	7040	7040	7040	7040	9390	9390	-	53980	3680	17.9	16.2
06	06	06	06	06	06	06	06	6000	6000	6000	6000	6000	6000	6000	6000	48000	5900	28.8	26.0
06	06	06	06	06	06	06	09	6000	6000	6000	6000	6000	6000	6000	9000	51000	5620	27.4	24.8
06	06	06	06	06	06	06	12	6000	6000	6000	6000	6000	6000	6000	12000	54000	5400	26.3	23.8
06	06	06	06	06	06	06	15	5680	5680	5680	5680	5680	5680	5680	14210	53970	4930	24.0	21.7
06	06	06	06	06	06	06	18	5400	5400	5400	5400	5400	5400	5400	16200	54000	4550	22.2	20.1
06	06	06	06	06	06	06	24	4910	4910	4910	4910	4910	4910	4910	19640	54010	3930	19.2	17.3
06	06	06	06	06	06	09	09	6000	6000	6000	6000	6000	6000	9000	9000	54000	5400	26.3	23.8
06	06	06	06	06	06	09	12	5680	5680	5680	5680	5680	5680	8530	11370	53980	4940	24.1	21.8
06	06	06	06	06	06	09	15	5400	5400	5400	5400	5400	5400	8100	13500	54000	4550	22.2	20.1
06	06	06	06	06	06	09	18	5140	5140	5140	5140	5140	5140	7710	15430	53980	4220	20.6	18.6
06	06	06	06	06	06	09	24	4700	4700	4700	4700	4700	4700	7040	18780	54020	3680	17.9	16.2
06	06	06	06	06	06	12	12	5400	5400	5400	5400	5400	5400	10800	10800	54000	4550	22.2	20.1
06	06	06	06	06	06	12	15	5140	5140	5140	5140	5140	5140	10290	12860	53990	4220	20.6	18.6
06	06	06	06	06	06	12	18	4910	4910	4910	4910	4910	4910	9820	14730	54010	3930	19.2	17.3
06	06	06	06	06	06	15	15	4910	4910	4910	4910	4910	4910	12270	12270	54000	3930	19.2	17.3
06	06	06	06	06	06	15	18	4700	4700	4700	4700	4700	4700	11740	14090	54030	3680	17.9	16.2
06	06	06	06	06	09	09	09	5680	5680	5680	5680	5680	8530	8530	8530	53990	4940	24.1	21.8
06	06	06	06	06	09	09	12	5400	5400	5400	5400	5400	8100	8100	10800	54000	4550	22.2	20.1
06	06	06	06	06	09	09	15	5140	5140	5140	5140	5140	7710	7710	12860	53980	4220	20.6	18.6
06	06	06	06	06	09	09	18	4910	4910	4910	4910	4910	7360	7360	14730	54000	3930	19.2	17.3
06	06	06	06	06	09	12	12	5140	5140	5140	5140	5140	7710	10290	10290	53990	4220	20.6	18.6
06	06	06	06	06	09	12	15	4910	4910	4910	4910	4910	7360	9820	12270	54000	3930	19.2	17.3
06	06	06	06	06	09	12	18	4700	4700	4700	4700	4700	7040	9390	14090	54020	3680	17.9	16.2
06	06	06	06	06	09	15	15	4700	4700	4700	4700	4700	7040	11740	11740	54020	3680	17.9	16.2
06	06	06	06	06	12	12	12	4910	4910	4910	4910	4910	9820	9820	9820	54010	3930	19.2	17.3
06	06	06	06	06	12	12	15	4700	4700	4700	4700	4700	9390	9390	11740	54020	3680	17.9	16.2
06	06	06	06	09	09	09	09	5400	5400	5400	5400	8100	8100	8100	8100	54000	4550	22.2	20.1
06	06	06	06	09	09	09	12	5140	5140	5140	5140	7710	7710	7710	10290	53980	4220	20.6	18.6
06	06	06	06	09	09	09	15	4910	4910	4910	4910	7360	7360	7360	12270	53990	3930	19.2	17.3
06	06	06	06	09	09	09	18	4700	4700	4700	4700	7040	7040	7040	14090	54010	3680	17.9	16.2
06	06	06	06	09	09	12	12	4910	4910	4910	4910	7360	7360	9820	9820	54000	3930	19.2	17.3
06	06	06	06	09	09	12	15	4700	4700	4700	4700	7040	7040	9390	11740	54010	3680	17.9	16.2
06	06	06	06	09	12	12	12	4700	4700	4700	4700	7040	9390	9390	9390	54010	3680	17.9	16.2
06	06	06	09	09	09	09	09	5140	5140	5140	7710	7710	7710	7710	7710	53970	4220	20.6	18.6
06	06	06	09	09	09	09	12	4910	4910	4910	7360	7360	7360	7360	9820	53990	3930	19.2	17.3
06	06	06	09	09	09	09	15	4700	4700	4700	7040	7040	7040	7040	11740	54000	3680	17.9	16.2
06	06	06	09	09	09	12	12	4700	4700	4700	7040	7040	7040	9390	9390	54000	3680	17.9	16.2
06	06	09	09	09	09	09	09	4910	4910	7360	7360	7360	7360	7360	7360	53980	3930	19.2	17.3
06	06	09	09	09	09	09	12	4700	4700	7040	7040	7040	7040	7040	9390	53990	3680	17.9	16.2
06	09	09	09	09	09	09	09	4700	7040	7040	7040	7040	7040	7040	7040	53980	3680	17.9	16.2

(2) Heating mode

<Heating>

Indoor unit combinations			Capacity of each unit (BTU/h)			Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit A	Unit B	Unit C			208V	230V
06	-	-	7200	-	-	7200	720	3.5	3.2
09	-	-	10900	-	-	10900	1100	5.4	4.9
12	-	-	14400	-	-	14400	1450	7.1	6.4
15	-	-	18000	-	-	18000	1810	8.8	8.0
18	-	-	21600	-	-	21600	2180	10.7	9.6
24	-	-	28800	-	-	28800	2960	14.5	13.1
06	06	-	7200	7200	-	14400	1450	7.1	6.4
06	09	-	7200	10900	-	18100	1820	8.9	8.0
06	12	-	7200	14400	-	21600	2180	10.7	9.6
06	15	-	7200	18000	-	25200	2570	12.6	11.4
06	18	-	7200	21600	-	28800	2960	14.5	13.1
06	24	-	7200	28800	-	36000	3770	18.4	16.7
09	09	-	10900	10900	-	21800	2200	10.7	9.7
09	12	-	10900	14400	-	25300	2580	12.6	11.4
09	15	-	10900	18000	-	28900	2970	14.5	13.1
09	18	-	10900	21600	-	32500	3370	16.5	14.9
09	24	-	10900	28800	-	39700	4190	20.5	18.5
12	12	-	14400	14400	-	28800	2960	14.5	13.1
12	15	-	14400	18000	-	32400	3360	16.4	14.8
12	18	-	14400	21600	-	36000	3770	18.4	16.7
12	24	-	14400	28800	-	43200	4480	21.9	19.8
15	15	-	18000	18000	-	36000	3770	18.4	16.7
15	18	-	18000	21600	-	39600	4180	20.4	18.5
15	24	-	18000	28800	-	46800	4680	22.9	20.7
18	18	-	21600	21600	-	43200	4480	21.9	19.8
18	24	-	21600	28800	-	50400	4870	23.8	21.5
24	24	-	28800	28800	-	57600	5210	25.5	23.0
06	06	06	7200	7200	7200	21600	2180	10.7	9.6
06	06	09	7200	7200	10900	25300	2580	12.6	11.4
06	06	12	7200	7200	14400	28800	2960	14.5	13.1
06	06	15	7200	7200	18000	32400	3360	16.4	14.8
06	06	18	7200	7200	21600	36000	3770	18.4	16.7
06	06	24	7200	7200	28800	43200	4480	21.9	19.8
06	09	09	7200	10900	10900	29000	2980	14.6	13.2
06	09	12	7200	10900	14400	32500	3370	16.5	14.9
06	09	15	7200	10900	18000	36100	3780	18.5	16.7
06	09	18	7200	10900	21600	39700	4190	20.5	18.5
06	09	24	7200	10900	28800	46900	4690	22.9	20.7
06	12	12	7200	14400	14400	36000	3770	18.4	16.7
06	12	15	7200	14400	18000	39600	4180	20.4	18.5
06	12	18	7200	14400	21600	43200	4480	21.9	19.8
06	12	24	7200	14400	28800	50400	4870	23.8	21.5
06	15	15	7200	18000	18000	43200	4480	21.9	19.8
06	15	18	7200	18000	21600	46800	4680	22.9	20.7
06	15	24	7200	18000	28800	54000	5050	24.7	22.3
06	18	18	7200	21600	21600	50400	4870	23.8	21.5
06	18	24	7200	21600	28800	57600	5210	25.5	23.0
06	24	24	6670	26670	26670	60010	4850	23.7	21.4

<Heating>

Indoor unit combinations				Capacity of each unit (BTU/h)				Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D			208V	230V
09	09	09	-	10900	10900	10900	-	32700	3390	16.6	15.0
09	09	12	-	10900	10900	14400	-	36200	3790	18.5	16.7
09	09	15	-	10900	10900	18000	-	39800	4200	20.5	18.6
09	09	18	-	10900	10900	21600	-	43400	4500	22.0	19.9
09	09	24	-	10900	10900	28800	-	50600	4890	23.9	21.6
09	12	12	-	10900	14400	14400	-	39700	4190	20.5	18.5
09	12	15	-	10900	14400	18000	-	43300	4490	21.9	19.8
09	12	18	-	10900	14400	21600	-	46900	4690	22.9	20.7
09	12	24	-	10900	14400	28800	-	54100	5060	24.7	22.4
09	15	15	-	10900	18000	18000	-	46900	4690	22.9	20.7
09	15	18	-	10900	18000	21600	-	50500	4880	23.8	21.6
09	15	24	-	10900	18000	28800	-	57700	5220	25.5	23.1
09	18	18	-	10900	21600	21600	-	54100	5060	24.7	22.4
09	18	24	-	10670	21140	28190	-	60000	5120	25.0	22.6
09	24	24	-	9550	25230	25230	-	60010	4610	22.5	20.4
12	12	12	-	14400	14400	14400	-	43200	4480	21.9	19.8
12	12	15	-	14400	14400	18000	-	46800	4680	22.9	20.7
12	12	18	-	14400	14400	21600	-	50400	4870	23.8	21.5
12	12	24	-	14400	14400	28800	-	57600	5210	25.5	23.0
12	15	15	-	14400	18000	18000	-	50400	4870	23.8	21.5
12	15	18	-	14400	18000	21600	-	54000	5050	24.7	22.3
12	15	24	-	14120	17650	28240	-	60010	5120	25.0	22.6
12	18	18	-	14400	21600	21600	-	57600	5210	25.5	23.0
12	18	24	-	13330	20000	26670	-	60000	4850	23.7	21.4
12	24	24	-	12000	24000	24000	-	60000	4390	21.4	19.4
15	15	15	-	18000	18000	18000	-	54000	5050	24.7	22.3
15	15	18	-	18000	18000	21600	-	57600	5210	25.5	23.0
15	15	24	-	16670	16670	26670	-	60010	4850	23.7	21.4
15	18	18	-	17650	21180	21180	-	60010	5120	25.0	22.6
15	18	24	-	15790	18950	25260	-	60000	4610	22.5	20.4
15	24	24	-	14290	22860	22860	-	60010	4190	20.5	18.5
18	18	18	-	20000	20000	20000	-	60000	4850	23.7	21.4
18	18	24	-	18000	18000	24000	-	60000	4390	21.4	19.4
18	24	24	-	16360	21820	21820	-	60000	4010	19.6	17.7
06	06	06	06	7200	7200	7200	7200	28800	2960	14.5	13.1
06	06	06	09	7200	7200	7200	10900	32500	3370	16.5	14.9
06	06	06	12	7200	7200	7200	14400	36000	3770	18.4	16.7
06	06	06	15	7200	7200	7200	18000	39600	4180	20.4	18.5
06	06	06	18	7200	7200	7200	21600	43200	4480	21.9	19.8
06	06	06	24	7200	7200	7200	28800	50400	4870	23.8	21.5
06	06	09	09	7200	7200	10900	10900	36200	3790	18.5	16.7
06	06	09	12	7200	7200	10900	14400	39700	4190	20.5	18.5
06	06	09	15	7200	7200	10900	18000	43300	4490	21.9	19.8
06	06	09	18	7200	7200	10900	21600	46900	4690	22.9	20.7
06	06	09	24	7200	7200	10900	28800	54100	5060	24.7	22.4
06	06	12	12	7200	7200	14400	14400	43200	4480	21.9	19.8
06	06	12	15	7200	7200	14400	18000	46800	4680	22.9	20.7
06	06	12	18	7200	7200	14400	21600	50400	4870	23.8	21.5
06	06	12	24	7200	7200	14400	28800	57600	5210	25.5	23.0
06	06	15	15	7200	7200	18000	18000	50400	4870	23.8	21.5
06	06	15	18	7200	7200	18000	21600	54000	5050	24.7	22.3
06	06	15	24	7060	7060	17650	28240	60010	5120	25.0	22.6
06	06	18	18	7200	7200	21600	21600	57600	5210	25.5	23.0
06	06	18	24	6670	6670	20000	26670	60010	4850	23.7	21.4
06	06	24	24	6000	6000	24000	24000	60000	4390	21.4	19.4

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Indoor unit combinations				Capacity of each unit (BTU/h)				Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D			208V	230V
06	09	09	09	7200	10900	10900	10900	39900	4210	20.6	18.6
06	09	09	12	7200	10900	10900	14400	43400	4500	22.0	19.9
06	09	09	15	7200	10900	10900	18000	47000	4700	23.0	20.8
06	09	09	18	7200	10900	10900	21600	50600	4890	23.9	21.6
06	09	09	24	7200	10900	10900	28800	57800	5230	25.6	23.1
06	09	12	12	7200	10900	14400	14400	46900	4690	22.9	20.7
06	09	12	15	7200	10900	14400	18000	50500	4880	23.8	21.6
06	09	12	18	7200	10900	14400	21600	54100	5060	24.7	22.4
06	09	12	24	7050	10670	14090	28190	60000	5120	25.0	22.6
06	09	15	15	7200	10900	18000	18000	54100	5060	24.7	22.4
06	09	15	18	7200	10900	18000	21600	57700	5220	25.5	23.1
06	09	15	24	6660	10080	16640	26630	60010	4850	23.7	21.4
06	09	18	18	7050	10670	21140	21140	60000	5120	25.0	22.6
06	09	18	24	6310	9550	18920	25230	60010	4610	22.5	20.4
06	09	24	24	5710	8640	22830	22830	60010	4190	20.5	18.5
06	12	12	12	7200	14400	14400	14400	50400	4870	23.8	21.5
06	12	12	15	7200	14400	14400	18000	54000	5050	24.7	22.3
06	12	12	18	7200	14400	14400	21600	57600	5210	25.5	23.0
06	12	12	24	6670	13330	13330	26670	60000	4850	23.7	21.4
06	12	15	15	7200	14400	18000	18000	57600	5210	25.5	23.0
06	12	15	18	7060	14120	17650	21180	60010	5120	25.0	22.6
06	12	15	24	6320	12630	15790	25260	60000	4610	22.5	20.4
06	12	18	18	6670	13330	20000	20000	60000	4850	23.7	21.4
06	12	18	24	6000	12000	18000	24000	60000	4390	21.4	19.4
06	12	24	24	5450	10910	21820	21820	60000	4010	19.6	17.7
06	15	15	15	7060	17650	17650	17650	60010	5120	25.0	22.6
06	15	15	18	6670	16670	16670	20000	60010	4850	23.7	21.4
06	15	15	24	6000	15000	15000	24000	60000	4390	21.4	19.4
06	15	18	18	6320	15790	18950	18950	60010	4610	22.5	20.4
06	15	18	24	5710	14290	17140	22860	60000	4190	20.5	18.5
06	15	24	24	5220	13040	20870	20870	60000	3840	18.8	17.0
06	18	18	18	6000	18000	18000	18000	60000	4390	21.4	19.4
06	18	18	24	5450	16360	16360	21820	59990	4010	19.6	17.7
09	09	09	09	10900	10900	10900	10900	43600	4520	22.1	20.0
09	09	09	12	10900	10900	10900	14400	47100	4710	23.0	20.8
09	09	09	15	10900	10900	10900	18000	50700	4900	23.9	21.7
09	09	09	18	10900	10900	10900	21600	54300	5080	24.8	22.4
09	09	09	24	10630	10630	10630	28100	59990	5120	25.0	22.6
09	09	12	12	10900	10900	14400	14400	50600	4890	23.9	21.6
09	09	12	15	10900	10900	14400	18000	54200	5070	24.8	22.4
09	09	12	18	10900	10900	14400	21600	57800	5230	25.6	23.1
09	09	12	24	10060	10060	13290	26580	59990	4850	23.7	21.4
09	09	15	15	10900	10900	18000	18000	57800	5230	25.6	23.1
09	09	15	18	10650	10650	17590	21110	60000	5120	25.0	22.6
09	09	15	24	9530	9530	15740	25190	59990	4610	22.5	20.4
09	09	18	18	10060	10060	19940	19940	60000	4850	23.7	21.4
09	09	18	24	9060	9060	17950	23930	60000	4390	21.4	19.4
09	09	24	24	8240	8240	21760	21760	60000	4010	19.6	17.7
09	12	12	12	10900	14400	14400	14400	54100	5060	24.7	22.4
09	12	12	15	10900	14400	14400	18000	57700	5220	25.5	23.1
09	12	12	18	10670	14090	14090	21140	59990	5120	25.0	22.6
09	12	12	24	9550	12610	12610	25230	60000	4610	22.5	20.4
09	12	15	15	10670	14090	17620	17620	60000	5120	25.0	22.6
09	12	15	18	10080	13310	16640	19970	60000	4850	23.7	21.4
09	12	15	24	9070	11980	14980	23970	60000	4390	21.4	19.4
09	12	18	18	9550	12610	18920	18920	60000	4610	22.5	20.4
09	12	18	24	8640	11410	17120	22830	60000	4190	20.5	18.5

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Indoor unit combinations					Capacity of each unit (BTU/h)					Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E			208V	230V
09	12	24	24	-	7890	10420	20840	20840	-	59990	3840	18.8	17.0
09	15	15	15	-	10080	16640	16640	16640	-	60000	4850	23.7	21.4
09	15	15	18	-	9550	15770	15770	18920	-	60010	4610	22.5	20.4
09	15	15	24	-	8640	14270	14270	22830	-	60010	4190	20.5	18.5
09	15	18	18	-	9070	14980	17980	17980	-	60010	4390	21.4	19.4
09	15	18	24	-	8250	13620	16340	21790	-	60000	4010	19.6	17.7
09	18	18	18	-	8640	17120	17120	17120	-	60000	4190	20.5	18.5
09	18	18	24	-	7890	15630	15630	20840	-	59990	3840	18.8	17.0
12	12	12	12	-	14400	14400	14400	14400	-	57600	5210	25.5	23.0
12	12	12	15	-	14120	14120	14120	17650	-	60010	5120	25.0	22.6
12	12	12	18	-	13330	13330	13330	20000	-	59990	4850	23.7	21.4
12	12	12	24	-	12000	12000	12000	24000	-	60000	4390	21.4	19.4
12	12	15	15	-	13330	13330	16670	16670	-	60000	4850	23.7	21.4
12	12	15	18	-	12630	12630	15790	18950	-	60000	4610	22.5	20.4
12	12	15	24	-	11430	11430	14290	22860	-	60010	4190	20.5	18.5
12	12	18	18	-	12000	12000	18000	18000	-	60000	4390	21.4	19.4
12	12	18	24	-	10910	10910	16360	21820	-	60000	4010	19.6	17.7
12	15	15	15	-	12630	15790	15790	15790	-	60000	4610	22.5	20.4
12	15	15	18	-	12000	15000	15000	18000	-	60000	4390	21.4	19.4
12	15	15	24	-	10910	13640	13640	21820	-	60010	4010	19.6	17.7
12	15	18	18	-	11430	14290	17140	17140	-	60000	4190	20.5	18.5
12	15	18	24	-	10430	13040	15650	20870	-	59990	3840	18.8	17.0
12	18	18	18	-	10910	16360	16360	16360	-	59990	4010	19.6	17.7
15	15	15	15	-	15000	15000	15000	15000	-	60000	4390	21.4	19.4
15	15	15	18	-	14290	14290	14290	17140	-	60010	4190	20.5	18.5
15	15	15	24	-	13040	13040	13040	20870	-	59990	3840	18.8	17.0
15	15	18	18	-	13640	13640	16360	16360	-	60000	4010	19.6	17.7
15	18	18	18	-	13040	15650	15650	15650	-	59990	3840	18.8	17.0
06	06	06	06	06	7200	7200	7200	7200	7200	36000	3770	18.4	16.7
06	06	06	06	09	7200	7200	7200	7200	10900	39700	4190	20.5	18.5
06	06	06	06	12	7200	7200	7200	7200	14400	43200	4480	21.9	19.8
06	06	06	06	15	7200	7200	7200	7200	18000	46800	4680	22.9	20.7
06	06	06	06	18	7200	7200	7200	7200	21600	50400	4870	23.8	21.5
06	06	06	06	24	7200	7200	7200	7200	28800	57600	5210	25.5	23.0
06	06	06	09	09	7200	7200	7200	10900	10900	43400	4500	22.0	19.9
06	06	06	09	12	7200	7200	7200	10900	14400	46900	4690	22.9	20.7
06	06	06	09	15	7200	7200	7200	10900	18000	50500	4880	23.8	21.6
06	06	06	09	18	7200	7200	7200	10900	21600	54100	5060	24.7	22.4
06	06	06	09	24	7050	7050	7050	10670	28190	60010	5120	25.0	22.6
06	06	06	12	12	7200	7200	7200	14400	14400	50400	4870	23.8	21.5
06	06	06	12	15	7200	7200	7200	14400	18000	54000	5050	24.7	22.3
06	06	06	12	18	7200	7200	7200	14400	21600	57600	5210	25.5	23.0
06	06	06	12	24	6670	6670	6670	13330	26670	60010	4850	23.7	21.4
06	06	06	15	15	7200	7200	7200	18000	18000	57600	5210	25.5	23.0
06	06	06	15	18	7060	7060	7060	17650	21180	60010	5120	25.0	22.6
06	06	06	15	24	6320	6320	6320	15790	25260	60010	4610	22.5	20.4
06	06	06	18	18	6670	6670	6670	20000	20000	60010	4850	23.7	21.4
06	06	06	18	24	6000	6000	6000	18000	24000	60000	4390	21.4	19.4
06	06	06	24	24	5450	5450	5450	21820	21820	59990	4010	19.6	17.7
06	06	09	09	09	7200	7200	10900	10900	10900	47100	4710	23.0	20.8
06	06	09	09	12	7200	7200	10900	10900	14400	50600	4890	23.9	21.6
06	06	09	09	15	7200	7200	10900	10900	18000	54200	5070	24.8	22.4
06	06	09	09	18	7200	7200	10900	10900	21600	57800	5230	25.6	23.1
06	06	09	09	24	6650	6650	10060	10060	26580	60000	4850	23.7	21.4
06	06	09	12	12	7200	7200	10900	14400	14400	54100	5060	24.7	22.4
06	06	09	12	15	7200	7200	10900	14400	18000	57700	5220	25.5	23.1
06	06	09	12	18	7050	7050	10670	14090	21140	60000	5120	25.0	22.6

<Heating>

Indoor unit combinations					Capacity of each unit (BTU/h)					Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit					Unit A	Unit B	Unit C	Unit D	Unit E			208V	230V
06	06	09	12	24	6310	6310	9550	12610	25230	60010	4610	22.5	20.4
06	06	09	15	15	7050	7050	10670	17620	17620	60010	5120	25.0	22.6
06	06	09	15	18	6660	6660	10080	16640	19970	60010	4850	23.7	21.4
06	06	09	15	24	5990	5990	9070	14980	23970	60000	4390	21.4	19.4
06	06	09	18	18	6310	6310	9550	18920	18920	60010	4610	22.5	20.4
06	06	09	18	24	5710	5710	8640	17120	22830	60010	4190	20.5	18.5
06	06	09	24	24	5210	5210	7890	20840	20840	59990	3840	18.8	17.0
06	06	12	12	12	7200	7200	14400	14400	14400	57600	5210	25.5	23.0
06	06	12	12	15	7060	7060	14120	14120	17650	60010	5120	25.0	22.6
06	06	12	12	18	6670	6670	13330	13330	20000	60000	4850	23.7	21.4
06	06	12	12	24	6000	6000	12000	12000	24000	60000	4390	21.4	19.4
06	06	12	15	15	6670	6670	13330	16670	16670	60010	4850	23.7	21.4
06	06	12	15	18	6320	6320	12630	15790	18950	60010	4610	22.5	20.4
06	06	12	15	24	5710	5710	11430	14290	22860	60000	4190	20.5	18.5
06	06	12	18	18	6000	6000	12000	18000	18000	60000	4390	21.4	19.4
06	06	12	18	24	5450	5450	10910	16360	21820	59990	4010	19.6	17.7
06	06	15	15	15	6320	6320	15790	15790	15790	60010	4610	22.5	20.4
06	06	15	15	18	6000	6000	15000	15000	18000	60000	4390	21.4	19.4
06	06	15	15	24	5450	5450	13640	13640	21820	60000	4010	19.6	17.7
06	06	15	18	18	5710	5710	14290	17140	17140	59990	4190	20.5	18.5
06	06	15	18	24	5220	5220	13040	15650	20870	60000	3840	18.8	17.0
06	06	18	18	18	5450	5450	16360	16360	16360	59980	4010	19.6	17.7
06	09	09	09	09	7200	10900	10900	10900	10900	50800	4910	24.0	21.7
06	09	09	09	12	7200	10900	10900	10900	14400	54300	5080	24.8	22.4
06	09	09	09	15	7200	10900	10900	10900	18000	57900	5230	25.6	23.1
06	09	09	09	18	7020	10630	10630	10630	21070	59980	5120	25.0	22.6
06	09	09	09	24	6290	9520	9520	9520	25150	60000	4610	22.5	20.4
06	09	09	12	12	7200	10900	10900	14400	14400	57800	5230	25.6	23.1
06	09	09	12	15	7040	10650	10650	14070	17590	60000	5120	25.0	22.6
06	09	09	12	18	6650	10060	10060	13290	19940	60000	4850	23.7	21.4
06	09	09	12	24	5980	9060	9060	11970	23930	60000	4390	21.4	19.4
06	09	09	15	15	6650	10060	10060	16620	16620	60010	4850	23.7	21.4
06	09	09	15	18	6300	9530	9530	15740	18890	59990	4610	22.5	20.4
06	09	09	15	24	5700	8630	8630	14250	22800	60010	4190	20.5	18.5
06	09	09	18	18	5980	9060	9060	17950	17950	60000	4390	21.4	19.4
06	09	09	18	24	5440	8240	8240	16320	21760	60000	4010	19.6	17.7
06	09	12	12	12	7050	10670	14090	14090	14090	59990	5120	25.0	22.6
06	09	12	12	15	6660	10080	13310	13310	16640	60000	4850	23.7	21.4
06	09	12	12	18	6310	9550	12610	12610	18920	60000	4610	22.5	20.4
06	09	12	12	24	5710	8640	11410	11410	22830	60000	4190	20.5	18.5
06	09	12	15	15	6310	9550	12610	15770	15770	60010	4610	22.5	20.4
06	09	12	15	18	5990	9070	11980	14980	17980	60000	4390	21.4	19.4
06	09	12	15	24	5450	8250	10900	13620	21790	60010	4010	19.6	17.7
06	09	12	18	18	5710	8640	11410	17120	17120	60000	4190	20.5	18.5
06	09	12	18	24	5210	7890	10420	15630	20840	59990	3840	18.8	17.0
06	09	15	15	15	5990	9070	14980	14980	14980	60000	4390	21.4	19.4
06	09	15	15	18	5710	8640	14270	14270	17120	60010	4190	20.5	18.5
06	09	15	15	24	5210	7890	13030	13030	20840	60000	3840	18.8	17.0
06	09	15	18	18	5450	8250	13620	16340	16340	60000	4010	19.6	17.7
06	09	18	18	18	5210	7890	15630	15630	15630	59990	3840	18.8	17.0
06	12	12	12	12	6670	13330	13330	13330	13330	59990	4850	23.7	21.4
06	12	12	12	15	6320	12630	12630	12630	15790	60000	4610	22.5	20.4
06	12	12	12	18	6000	12000	12000	12000	18000	60000	4390	21.4	19.4
06	12	12	12	24	5450	10910	10910	10910	21820	60000	4010	19.6	17.7
06	12	12	15	15	6000	12000	12000	15000	15000	60000	4390	21.4	19.4
06	12	12	15	18	5710	11430	11430	14290	17140	60000	4190	20.5	18.5
06	12	12	15	24	5220	10430	10430	13040	20870	59990	3840	18.8	17.0

<Heating>

Indoor unit combinations						Capacity of each unit (BTU/h)						Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit						Unit A	Unit B	Unit C	Unit D	Unit E	Unit F			208V	230V
06	12	12	18	18	-	5450	10910	10910	16360	16360	-	59990	4010	19.6	17.7
06	12	15	15	15	-	5710	11430	14290	14290	14290	-	60010	4190	20.5	18.5
06	12	15	15	18	-	5450	10910	13640	13640	16360	-	60000	4010	19.6	17.7
06	12	15	18	18	-	5220	10430	13040	15650	15650	-	59990	3840	18.8	17.0
06	15	15	15	15	-	5450	13640	13640	13640	13640	-	60010	4010	19.6	17.7
06	15	15	15	18	-	5220	13040	13040	13040	15650	-	59990	3840	18.8	17.0
09	09	09	09	09	-	10900	10900	10900	10900	10900	-	54500	5100	24.9	22.5
09	09	09	09	12	-	10900	10900	10900	10900	14400	-	58000	5240	25.6	23.2
09	09	09	09	15	-	10620	10620	10620	10620	17530	-	60010	5120	25.0	22.6
09	09	09	09	18	-	10030	10030	10030	10030	19880	-	60000	4850	23.7	21.4
09	09	09	09	24	-	9030	9030	9030	9030	23870	-	59990	4390	21.4	19.4
09	09	09	12	12	-	10630	10630	10630	14050	14050	-	59990	5120	25.0	22.6
09	09	09	12	15	-	10050	10050	10050	13270	16590	-	60010	4850	23.7	21.4
09	09	09	12	18	-	9520	9520	9520	12580	18860	-	60000	4610	22.5	20.4
09	09	09	12	24	-	8620	8620	8620	11380	22770	-	60010	4190	20.5	18.5
09	09	09	15	15	-	9520	9520	9520	15720	15720	-	60000	4610	22.5	20.4
09	09	09	15	18	-	9050	9050	9050	14940	17930	-	60020	4390	21.4	19.4
09	09	09	15	24	-	8230	8230	8230	13580	21740	-	60010	4010	19.6	17.7
09	09	09	18	18	-	8620	8620	8620	17080	17080	-	60020	4190	20.5	18.5
09	09	09	18	24	-	7870	7870	7870	15600	20790	-	60000	3840	18.8	17.0
09	09	12	12	12	-	10060	10060	13290	13290	13290	-	59990	4850	23.7	21.4
09	09	12	12	15	-	9530	9530	12590	12590	15740	-	59980	4610	22.5	20.4
09	09	12	12	18	-	9060	9060	11970	11970	17950	-	60010	4390	21.4	19.4
09	09	12	12	24	-	8240	8240	10880	10880	21760	-	60000	4010	19.6	17.7
09	09	12	15	15	-	9060	9060	11970	14960	14960	-	60010	4390	21.4	19.4
09	09	12	15	18	-	8630	8630	11400	14250	17100	-	60010	4190	20.5	18.5
09	09	12	15	24	-	7880	7880	10410	13010	20820	-	60000	3840	18.8	17.0
09	09	12	18	18	-	8240	8240	10880	16320	16320	-	60000	4010	19.6	17.7
09	09	15	15	15	-	8630	8630	14250	14250	14250	-	60010	4190	20.5	18.5
09	09	15	15	18	-	8240	8240	13600	13600	16320	-	60000	4010	19.6	17.7
09	09	15	18	18	-	7880	7880	13010	15610	15610	-	59990	3840	18.8	17.0
09	12	12	12	12	-	9550	12610	12610	12610	12610	-	59990	4610	22.5	20.4
09	12	12	12	15	-	9070	11980	11980	11980	14980	-	59990	4390	21.4	19.4
09	12	12	12	18	-	8640	11410	11410	11410	17120	-	59990	4190	20.5	18.5
09	12	12	12	24	-	7890	10420	10420	10420	20840	-	59990	3840	18.8	17.0
09	12	12	15	15	-	8640	11410	11410	14270	14270	-	60000	4190	20.5	18.5
09	12	12	15	18	-	8250	10900	10900	13620	16340	-	60010	4010	19.6	17.7
09	12	12	18	18	-	7890	10420	10420	15630	15630	-	59990	3840	18.8	17.0
09	12	15	15	15	-	8250	10900	13620	13620	13620	-	60010	4010	19.6	17.7
09	12	15	15	18	-	7890	10420	13030	13030	15630	-	60000	3840	18.8	17.0
09	15	15	15	15	-	7890	13030	13030	13030	13030	-	60010	3840	18.8	17.0
12	12	12	12	12	-	12000	12000	12000	12000	12000	-	60000	4390	21.4	19.4
12	12	12	12	15	-	11430	11430	11430	11430	14290	-	60010	4190	20.5	18.5
12	12	12	12	18	-	10910	10910	10910	10910	16360	-	60000	4010	19.6	17.7
12	12	12	15	15	-	10910	10910	10910	13640	13640	-	60010	4010	19.6	17.7
12	12	12	15	18	-	10430	10430	10430	13040	15650	-	59980	3840	18.8	17.0
12	12	15	15	15	-	10430	10430	13040	13040	13040	-	59980	3840	18.8	17.0
06	06	06	06	06	06	7200	7200	7200	7200	7200	7200	43200	4480	21.9	19.8
06	06	06	06	06	09	7200	7200	7200	7200	7200	10900	46900	4690	22.9	20.7
06	06	06	06	06	12	7200	7200	7200	7200	7200	14400	50400	4870	23.8	21.5
06	06	06	06	06	15	7200	7200	7200	7200	7200	18000	54000	5050	24.7	22.3
06	06	06	06	06	18	7200	7200	7200	7200	7200	21600	57600	5210	25.5	23.0
06	06	06	06	06	24	6670	6670	6670	6670	6670	26670	60020	4850	23.7	21.4
06	06	06	06	09	09	7200	7200	7200	7200	10900	10900	50600	4890	23.9	21.6
06	06	06	06	09	12	7200	7200	7200	7200	10900	14400	54100	5060	24.7	22.4
06	06	06	06	09	15	7200	7200	7200	7200	10900	18000	57700	5220	25.5	23.1
06	06	06	06	09	18	7050	7050	7050	7050	7050	21140	60010	5120	25.0	22.6

<Heating>

Indoor unit combinations						Capacity of each unit (BTU/h)						Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit						Unit A	Unit B	Unit C	Unit D	Unit E	Unit F			208V	230V
06	06	06	06	09	24	6310	6310	6310	6310	9550	25230	60020	4610	22.5	20.4
06	06	06	06	12	12	7200	7200	7200	7200	14400	14400	57600	5210	25.5	23.0
06	06	06	06	12	15	7060	7060	7060	7060	14120	17650	60010	5120	25.0	22.6
06	06	06	06	06	12	6670	6670	6670	6670	13330	20000	60010	4850	23.7	21.4
06	06	06	06	12	24	6000	6000	6000	6000	12000	24000	60000	4390	21.4	19.4
06	06	06	06	15	15	6670	6670	6670	6670	16670	16670	60020	4850	23.7	21.4
06	06	06	06	15	18	6320	6320	6320	6320	15790	18950	60020	4610	22.5	20.4
06	06	06	06	15	24	5710	5710	5710	5710	14290	22860	59990	4190	20.5	18.5
06	06	06	06	18	18	6000	6000	6000	6000	18000	18000	60000	4390	21.4	19.4
06	06	06	06	18	24	5450	5450	5450	5450	16360	21820	59980	4010	19.6	17.7
06	06	06	09	09	09	7200	7200	7200	10900	10900	10900	54300	5080	24.8	22.4
06	06	06	09	09	12	7200	7200	7200	10900	10900	14400	57800	5230	25.6	23.1
06	06	06	09	09	15	7040	7040	7040	10650	10650	17590	60010	5120	25.0	22.6
06	06	06	09	09	18	6650	6650	6650	10060	10060	19940	60010	4850	23.7	21.4
06	06	06	09	09	24	5980	5980	5980	9060	9060	23930	59990	4390	21.4	19.4
06	06	06	09	12	12	7050	7050	7050	10670	14090	14090	60000	5120	25.0	22.6
06	06	06	09	12	15	6660	6660	6660	10080	13310	16640	60010	4850	23.7	21.4
06	06	06	09	12	18	6310	6310	6310	9550	12610	18920	60010	4610	22.5	20.4
06	06	06	09	12	24	5710	5710	5710	8640	11410	22830	60010	4190	20.5	18.5
06	06	06	09	15	15	6310	6310	6310	9550	15770	15770	60020	4610	22.5	20.4
06	06	06	09	15	18	5990	5990	5990	9070	14980	17980	60000	4390	21.4	19.4
06	06	06	09	15	24	5450	5450	5450	8250	13620	21790	60010	4010	19.6	17.7
06	06	06	09	18	18	5710	5710	5710	8640	17120	17120	60010	4190	20.5	18.5
06	06	06	09	18	24	5210	5210	5210	7890	15630	20840	59990	3840	18.8	17.0
06	06	06	12	12	12	6670	6670	6670	13330	13330	13330	60000	4850	23.7	21.4
06	06	06	12	12	15	6320	6320	6320	12630	12630	15790	60010	4610	22.5	20.4
06	06	06	12	12	18	6000	6000	6000	12000	12000	18000	60000	4390	21.4	19.4
06	06	06	12	12	24	5450	5450	5450	10910	10910	21820	59990	4010	19.6	17.7
06	06	06	12	15	15	6000	6000	6000	12000	15000	15000	60000	4390	21.4	19.4
06	06	06	12	15	18	5710	5710	5710	11430	14290	17140	59990	4190	20.5	18.5
06	06	06	12	15	24	5220	5220	5220	10430	13040	20870	60000	3840	18.8	17.0
06	06	06	12	18	18	5450	5450	5450	10910	16360	16360	59980	4010	19.6	17.7
06	06	06	15	15	15	5710	5710	5710	14290	14290	14290	60000	4190	20.5	18.5
06	06	06	15	15	18	5450	5450	5450	13640	13640	16360	59990	4010	19.6	17.7
06	06	06	15	18	18	5220	5220	5220	13040	15650	15650	60000	3840	18.8	17.0
06	06	09	09	09	09	7200	7200	10900	10900	10900	10900	58000	5240	25.6	23.2
06	06	09	09	09	12	7020	7020	10630	10630	10630	14050	59980	5120	25.0	22.6
06	06	09	09	09	15	6640	6640	10050	10050	10050	16590	60020	4850	23.7	21.4
06	06	09	09	09	18	6290	6290	9520	9520	9520	18860	60000	4610	22.5	20.4
06	06	09	09	09	24	5690	5690	8620	8620	8620	22770	60010	4190	20.5	18.5
06	06	09	09	12	12	6650	6650	10060	10060	13290	13290	60000	4850	23.7	21.4
06	06	09	09	12	15	6300	6300	9530	9530	12590	15740	59990	4610	22.5	20.4
06	06	09	09	12	18	5980	5980	9060	9060	11970	17950	60000	4390	21.4	19.4
06	06	09	09	12	24	5440	5440	8240	8240	10880	21760	60000	4010	19.6	17.7
06	06	09	09	15	15	5980	5980	9060	9060	14960	14960	60000	4390	21.4	19.4
06	06	09	09	15	18	5700	5700	8630	8630	14250	17100	60010	4190	20.5	18.5
06	06	09	09	15	24	5200	5200	7880	7880	13010	20820	59990	3840	18.8	17.0
06	06	09	09	18	18	5440	5440	8240	8240	16320	16320	60000	4010	19.6	17.7
06	06	09	12	12	12	6310	6310	9550	12610	12610	12610	60000	4610	22.5	20.4
06	06	09	12	12	15	5990	5990	9070	11980	11980	14980	59990	4390	21.4	19.4
06	06	09	12	12	18	5710	5710	8640	11410	11410	17120	60000	4190	20.5	18.5
06	06	09	12	12	24	5210	5210	7890	10420	10420	20840	59990	3840	18.8	17.0
06	06	09	12	15	15	5710	5710	8640	11410	14270	14270	60010	4190	20.5	18.5
06	06	09	12	15	18	5450	5450	8250	10900	13620	16340	60010	4010	19.6	17.7
06	06	09	12	18	18	5210	5210	7890	10420	15630	15630	59990	3840	18.8	17.0
06	06	09	15	15	15	5450	5450	8250	13620	13620	13620	60010	4010	19.6	17.7
06	06	09	15	15	18	5210	5210	7890	13030	13030	15630	60000	3840	18.8	17.0

<Heating>

Indoor unit combinations							Capacity of each unit (BTU/h)								Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit																	208V	230V
A	B	C	D	E	F	G	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G					
06	06	12	12	12	12	-	6000	6000	12000	12000	12000	12000	-	60000	4390	21.4	19.4	
06	06	12	12	12	15	-	5710	5710	11430	11430	11430	14290	-	60000	4190	20.5	18.5	
06	06	12	12	12	18	-	5450	5450	10910	10910	10910	16360	-	59990	4010	19.6	17.7	
06	06	12	12	15	15	-	5450	5450	10910	10910	13640	13640	-	60000	4010	19.6	17.7	
06	06	12	12	15	18	-	5220	5220	10430	10430	13040	15650	-	59990	3840	18.8	17.0	
06	06	12	15	15	15	-	5220	5220	10430	13040	13040	13040	-	59990	3840	18.8	17.0	
06	09	09	09	09	09	-	7000	10600	10600	10600	10600	10600	-	60000	5120	25.0	22.6	
06	09	09	09	09	12	-	6630	10030	10030	10030	10030	13250	-	60000	4850	23.7	21.4	
06	09	09	09	09	15	-	6280	9510	9510	9510	9510	15700	-	60020	4610	22.5	20.4	
06	09	09	09	09	18	-	5970	9030	9030	9030	9030	17900	-	59990	4390	21.4	19.4	
06	09	09	09	09	24	-	5430	8220	8220	8220	8220	21710	-	60020	4010	19.6	17.7	
06	09	09	09	12	12	-	6290	9520	9520	9520	12580	12580	-	60010	4610	22.5	20.4	
06	09	09	09	12	15	-	5980	9050	9050	9050	11950	14940	-	60020	4390	21.4	19.4	
06	09	09	09	12	18	-	5690	8620	8620	8620	11380	17080	-	60010	4190	20.5	18.5	
06	09	09	09	12	24	-	5200	7870	7870	7870	10400	20790	-	60000	3840	18.8	17.0	
06	09	09	09	15	15	-	5690	8620	8620	8620	14230	14230	-	60010	4190	20.5	18.5	
06	09	09	09	15	18	-	5430	8230	8230	8230	13580	16300	-	60000	4010	19.6	17.7	
06	09	09	09	18	18	-	5200	7870	7870	7870	15600	15600	-	60010	3840	18.8	17.0	
06	09	09	12	12	12	-	5980	9060	9060	11970	11970	11970	-	60010	4390	21.4	19.4	
06	09	09	12	12	15	-	5700	8630	8630	11400	11400	14250	-	60010	4190	20.5	18.5	
06	09	09	12	12	18	-	5440	8240	8240	10880	10880	16320	-	60000	4010	19.6	17.7	
06	09	09	12	15	15	-	5440	8240	8240	10880	13600	13600	-	60000	4010	19.6	17.7	
06	09	09	12	15	18	-	5200	7880	7880	10410	13010	15610	-	59990	3840	18.8	17.0	
06	09	09	15	15	15	-	5200	7880	7880	13010	13010	13010	-	59990	3840	18.8	17.0	
06	09	12	12	12	12	-	5710	8640	11410	11410	11410	11410	-	59990	4190	20.5	18.5	
06	09	12	12	12	15	-	5450	8250	10900	10900	10900	13620	-	60020	4010	19.6	17.7	
06	09	12	12	12	18	-	5210	7890	10420	10420	10420	15630	-	59990	3840	18.8	17.0	
06	09	12	12	15	15	-	5210	7890	10420	10420	13030	13030	-	60000	3840	18.8	17.0	
06	12	12	12	12	12	-	5450	10910	10910	10910	10910	10910	-	60000	4010	19.6	17.7	
06	12	12	12	12	15	-	5220	10430	10430	10430	10430	13040	-	59980	3840	18.8	17.0	
09	09	09	09	09	09	-	10000	10000	10000	10000	10000	10000	-	60000	4850	23.7	21.4	
09	09	09	09	09	12	-	9490	9490	9490	9490	9490	12540	-	59990	4610	22.5	20.4	
09	09	09	09	09	15	-	9020	9020	9020	9020	9020	14900	-	60000	4390	21.4	19.4	
09	09	09	09	09	18	-	8590	8590	8590	8590	8590	17030	-	59980	4190	20.5	18.5	
09	09	09	09	09	24	-	7850	7850	7850	7850	7850	20740	-	59990	3840	18.8	17.0	
09	09	09	09	12	12	-	9030	9030	9030	9030	11930	11930	-	59980	4390	21.4	19.4	
09	09	09	09	12	15	-	8610	8610	8610	8610	11370	14210	-	60020	4190	20.5	18.5	
09	09	09	09	12	18	-	8220	8220	8220	8220	10850	16280	-	60010	4010	19.6	17.7	
09	09	09	09	15	15	-	8220	8220	8220	8220	13570	13570	-	60020	4010	19.6	17.7	
09	09	09	09	15	18	-	7860	7860	7860	7860	12980	15580	-	60000	3840	18.8	17.0	
09	09	09	12	12	12	-	8620	8620	8620	11380	11380	11380	-	60000	4190	20.5	18.5	
09	09	09	12	12	15	-	8230	8230	8230	10870	10870	13580	-	60010	4010	19.6	17.7	
09	09	09	12	12	18	-	7870	7870	7870	10400	10400	15600	-	60010	3840	18.8	17.0	
09	09	09	12	15	15	-	7870	7870	7870	10400	13000	13000	-	60010	3840	18.8	17.0	
09	09	12	12	12	12	-	8240	8240	10880	10880	10880	10880	-	60000	4010	19.6	17.7	
09	09	12	12	12	15	-	7880	7880	10410	10410	10410	13010	-	60000	3840	18.8	17.0	
09	12	12	12	12	12	-	7890	10420	10420	10420	10420	10420	-	59990	3840	18.8	17.0	
06	06	06	06	06	06	06	7200	7200	7200	7200	7200	7200	7200	50400	4870	23.8	21.5	
06	06	06	06	06	06	09	7200	7200	7200	7200	7200	7200	10900	54100	5060	24.7	22.4	
06	06	06	06	06	06	12	7200	7200	7200	7200	7200	7200	14400	57600	5210	25.5	23.0	
06	06	06	06	06	06	15	7060	7060	7060	7060	7060	7060	17650	60010	5120	25.0	22.6	
06	06	06	06	06	06	18	6670	6670	6670	6670	6670	6670	20000	60020	4850	23.7	21.4	
06	06	06	06	06	06	24	6000	6000	6000	6000	6000	6000	24000	60000	4390	21.4	19.4	
06	06	06	06	06	09	09	7200	7200	7200	7200	7200	10900	10900	57800	5230	25.6	23.1	
06	06	06	06	06	09	12	7050	7050	7050	7050	7050	10670	14090	60010	5120	25.0	22.6	
06	06	06	06	06	09	15	6660	6660	6660	6660	6660	10080	16640	60020	4850	23.7	21.4	
06	06	06	06	06	09	18	6310	6310	6310	6310	6310	9550	18920	60020	4610	22.5	20.4	

<Heating>

Indoor unit combinations							Capacity of each unit (BTU/h)							Total rated capacity (BTU/h)	Outdoor unit input (W)	Outdoor unit current (A)	
Unit							Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G			208V	230V
06	06	06	06	06	09	24	5710	5710	5710	5710	5710	8640	22830	60020	4190	20.5	18.5
06	06	06	06	06	12	12	6670	6670	6670	6670	6670	13330	13330	60010	4850	23.7	21.4
06	06	06	06	06	12	15	6320	6320	6320	6320	6320	12630	15790	60020	4610	22.5	20.4
06	06	06	06	06	12	18	6000	6000	6000	6000	6000	12000	18000	60000	4390	21.4	19.4
06	06	06	06	06	12	24	5450	5450	5450	5450	5450	10910	21820	59980	4010	19.6	17.7
06	06	06	06	06	15	15	6000	6000	6000	6000	6000	15000	15000	60000	4390	21.4	19.4
06	06	06	06	06	15	18	5710	5710	5710	5710	5710	14290	17140	59980	4190	20.5	18.5
06	06	06	06	06	15	24	5220	5220	5220	5220	5220	13040	20870	60010	3840	18.8	17.0
06	06	06	06	06	18	18	5450	5450	5450	5450	5450	16360	16360	59970	4010	19.6	17.7
06	06	06	06	09	09	09	7020	7020	7020	7020	10630	10630	10630	59970	5120	25.0	22.6
06	06	06	06	09	09	12	6650	6650	6650	6650	10060	10060	13290	60010	4850	23.7	21.4
06	06	06	06	09	09	15	6300	6300	6300	6300	9530	9530	15740	60000	4610	22.5	20.4
06	06	06	06	09	09	18	5980	5980	5980	5980	9060	9060	17950	59990	4390	21.4	19.4
06	06	06	06	09	09	24	5440	5440	5440	5440	8240	8240	21760	60000	4010	19.6	17.7
06	06	06	06	09	12	12	6310	6310	6310	6310	9550	12610	12610	60010	4610	22.5	20.4
06	06	06	06	09	12	15	5990	5990	5990	5990	9070	11980	14980	59990	4390	21.4	19.4
06	06	06	06	09	12	18	5710	5710	5710	5710	8640	11410	17120	60010	4190	20.5	18.5
06	06	06	06	09	12	24	5210	5210	5210	5210	7890	10420	20840	59990	3840	18.8	17.0
06	06	06	06	09	15	15	5710	5710	5710	5710	8640	14270	14270	60020	4190	20.5	18.5
06	06	06	06	09	15	18	5450	5450	5450	5450	8250	13620	16340	60010	4010	19.6	17.7
06	06	06	06	09	18	18	5210	5210	5210	5210	7890	15630	15630	59990	3840	18.8	17.0
06	06	06	06	12	12	12	6000	6000	6000	6000	12000	12000	12000	60000	4390	21.4	19.4
06	06	06	06	12	12	15	5710	5710	5710	5710	11430	11430	14290	59990	4190	20.5	18.5
06	06	06	06	12	12	18	5450	5450	5450	5450	10910	10910	16360	59980	4010	19.6	17.7
06	06	06	06	12	15	15	5450	5450	5450	5450	10910	13640	13640	59990	4010	19.6	17.7
06	06	06	06	12	15	18	5220	5220	5220	5220	10430	13040	15650	60000	3840	18.8	17.0
06	06	06	06	15	15	15	5220	5220	5220	5220	13040	13040	13040	60000	3840	18.8	17.0
06	06	06	09	09	09	09	6630	6630	6630	10030	10030	10030	10030	60010	4850	23.7	21.4
06	06	06	09	09	09	12	6290	6290	6290	9520	9520	9520	12580	60010	4610	22.5	20.4
06	06	06	09	09	09	15	5980	5980	5980	9050	9050	9050	14940	60030	4390	21.4	19.4
06	06	06	09	09	09	18	5690	5690	5690	8620	8620	8620	17080	60010	4190	20.5	18.5
06	06	06	09	09	09	24	5200	5200	5200	7870	7870	7870	20790	60000	3840	18.8	17.0
06	06	06	09	09	12	12	5980	5980	5980	9060	9060	11970	11970	60000	4390	21.4	19.4
06	06	06	09	09	12	15	5700	5700	5700	8630	8630	11400	14250	60010	4190	20.5	18.5
06	06	06	09	09	12	18	5440	5440	5440	8240	8240	10880	16320	60000	4010	19.6	17.7
06	06	06	09	09	15	15	5440	5440	5440	8240	8240	13600	13600	60000	4010	19.6	17.7
06	06	06	09	09	15	18	5200	5200	5200	7880	7880	13010	15610	59980	3840	18.8	17.0
06	06	06	09	12	12	12	5710	5710	5710	8640	11410	11410	11410	60000	4190	20.5	18.5
06	06	06	09	12	12	15	5450	5450	5450	8250	10900	10900	13620	60020	4010	19.6	17.7
06	06	06	09	12	12	18	5210	5210	5210	7890	10420	10420	15630	59990	3840	18.8	17.0
06	06	06	09	12	15	15	5210	5210	5210	7890	10420	13030	13030	60000	3840	18.8	17.0
06	06	06	12	12	12	12	5450	5450	5450	10910	10910	10910	10910	59990	4010	19.6	17.7
06	06	06	12	12	12	15	5220	5220	5220	10430	10430	10430	13040	59990	3840	18.8	17.0
06	06	09	09	09	09	09	6270	6270	9490	9490	9490	9490	9490	59990	4610	22.5	20.4
06	06	09	09	09	09	12	5970	5970	9030	9030	9030	9030	11930	59990	4390	21.4	19.4
06	06	09	09	09	09	15	5680	5680	8610	8610	8610	8610	14210	60010	4190	20.5	18.5
06	06	09	09	09	09	18	5430	5430	8220	8220	8220	8220	16280	60020	4010	19.6	17.7
06	06	09	09	09	12	12	5690	5690	8620	8620	8620	11380	11380	60000	4190	20.5	18.5
06	06	09	09	09	12	15	5430	5430	8230	8230	8230	10870	13580	60000	4010	19.6	17.7
06	06	09	09	09	12	18	5200	5200	7870	7870	7870	10400	15600	60010	3840	18.8	17.0
06	06	09	09	09	15	15	5200	5200	7870	7870	7870	13000	13000	60010	3840	18.8	17.0
06	06	09	09	12	12	12	5440	5440	8240	8240	10880	10880	10880	60000	4010	19.6	17.7
06	06	09	09	12	12	15	5200	5200	7880	7880	10410	10410	13010	59990	3840	18.8	17.0
06	06	09	12	12	12	12	5210	5210	7890	10420	10420	10420	10420	59990	3840	18.8	17.0
06	09	09	09	09	09	09	5950	9010	9010	9010	9010	9010	9010	60010	4390	21.4	19.4
06	09	09	09	09	09	12	5680	8590	8590	8590	8590	8590	11350	59980	4190	20.5	18.5
06	09	09	09	09	09	15	5420	8210	8210	8210	8210	8210	13550	60020	4010	19.6	17.7



<Heating>

Indoor unit combinations								Capacity of each unit (BTU/h)								Total rated capacity (BTU/h)	Outdoor unit Input (W)	Outdoor unit current (A)	
Unit																			
A	B	C	D	E	F	G	H	Unit A	Unit B	Unit C	Unit D	Unit E	Unit F	Unit G	Unit H			208V	230V
06	09	09	09	09	09	18	-	5190	7850	7850	7850	7850	7850	15560	-	60000	3840	18.8	17.0
06	09	09	09	09	12	12	-	5430	8220	8220	8220	8220	10850	10850	-	60010	4010	19.6	17.7
06	09	09	09	09	12	15	-	5190	7860	7860	7860	7860	10380	12980	-	59990	3840	18.8	17.0
06	09	09	09	12	12	12	-	5200	7870	7870	7870	10400	10400	10400	-	60010	3840	18.8	17.0
09	09	09	09	09	09	09	-	8570	8570	8570	8570	8570	8570	8570	-	59990	4190	20.5	18.5
09	09	09	09	09	09	12	-	8200	8200	8200	8200	8200	8200	10830	-	60030	4010	19.6	17.7
09	09	09	09	09	09	15	-	7840	7840	7840	7840	7840	7840	12950	-	59990	3840	18.8	17.0
09	09	09	09	09	12	12	-	7850	7850	7850	7850	7850	10370	10370	-	59990	3840	18.8	17.0
06	06	06	06	06	06	06	06	7200	7200	7200	7200	7200	7200	7200	7200	57600	5210	25.5	23.0
06	06	06	06	06	06	06	09	7050	7050	7050	7050	7050	7050	7050	10670	60020	5120	25.0	22.6
06	06	06	06	06	06	06	12	6670	6670	6670	6670	6670	6670	6670	13330	60020	4850	23.7	21.4
06	06	06	06	06	06	06	15	6320	6320	6320	6320	6320	6320	6320	15790	60030	4610	22.5	20.4
06	06	06	06	06	06	06	18	6000	6000	6000	6000	6000	6000	6000	18000	60000	4390	21.4	19.4
06	06	06	06	06	06	06	24	5450	5450	5450	5450	5450	5450	5450	21820	59970	4010	19.6	17.7
06	06	06	06	06	06	09	09	6650	6650	6650	6650	6650	6650	10060	10060	60020	4850	23.7	21.4
06	06	06	06	06	06	09	12	6310	6310	6310	6310	6310	6310	9550	12610	60020	4610	22.5	20.4
06	06	06	06	06	06	09	15	5990	5990	5990	5990	5990	5990	9070	14980	59990	4390	21.4	19.4
06	06	06	06	06	06	09	18	5710	5710	5710	5710	5710	5710	8640	17120	60020	4190	20.5	18.5
06	06	06	06	06	06	09	24	5210	5210	5210	5210	5210	5210	7890	20840	59990	3840	18.8	17.0
06	06	06	06	06	06	12	12	6000	6000	6000	6000	6000	6000	12000	12000	60000	4390	21.4	19.4
06	06	06	06	06	06	12	15	5710	5710	5710	5710	5710	5710	11430	14290	59980	4190	20.5	18.5
06	06	06	06	06	06	12	18	5450	5450	5450	5450	5450	5450	10910	16360	59970	4010	19.6	17.7
06	06	06	06	06	06	15	15	5450	5450	5450	5450	5450	5450	13640	13640	59980	4010	19.6	17.7
06	06	06	06	06	06	15	18	5220	5220	5220	5220	5220	5220	13040	15650	60010	3840	18.8	17.0
06	06	06	06	06	09	09	09	6290	6290	6290	6290	6290	9520	9520	9520	60010	4610	22.5	20.4
06	06	06	06	06	09	09	12	5980	5980	5980	5980	5980	9060	9060	11970	59990	4390	21.4	19.4
06	06	06	06	06	09	09	15	5700	5700	5700	5700	5700	8630	8630	14250	60010	4190	20.5	18.5
06	06	06	06	06	09	09	18	5440	5440	5440	5440	5440	8240	8240	16320	60000	4010	19.6	17.7
06	06	06	06	06	09	12	12	5710	5710	5710	5710	5710	8640	11410	11410	60010	4190	20.5	18.5
06	06	06	06	06	09	12	15	5450	5450	5450	5450	5450	8250	10900	13620	60020	4010	19.6	17.7
06	06	06	06	06	09	12	18	5210	5210	5210	5210	5210	7890	10420	15630	59990	3840	18.8	17.0
06	06	06	06	06	09	15	15	5210	5210	5210	5210	5210	7890	13030	13030	60000	3840	18.8	17.0
06	06	06	06	06	12	12	12	5450	5450	5450	5450	5450	10910	10910	10910	59980	4010	19.6	17.7
06	06	06	06	06	12	12	15	5220	5220	5220	5220	5220	10430	10430	13040	60000	3840	18.8	17.0
06	06	06	06	09	09	09	09	5970	5970	5970	5970	9030	9030	9030	9030	60000	4390	21.4	19.4
06	06	06	06	09	09	09	12	5690	5690	5690	5690	8620	8620	8620	11380	60000	4190	20.5	18.5
06	06	06	06	09	09	09	15	5430	5430	5430	5430	8230	8230	8230	13580	59990	4010	19.6	17.7
06	06	06	06	09	09	09	18	5200	5200	5200	5200	7870	7870	7870	15600	60010	3840	18.8	17.0
06	06	06	06	09	09	12	12	5440	5440	5440	5440	8240	8240	10880	10880	60000	4010	19.6	17.7
06	06	06	06	09	09	12	15	5200	5200	5200	5200	7880	7880	10410	13010	59980	3840	18.8	17.0
06	06	06	06	09	12	12	12	5210	5210	5210	5210	7890	10420	10420	10420	59990	3840	18.8	17.0
06	06	06	09	09	09	09	09	5680	5680	5680	8590	8590	8590	8590	8590	59990	4190	20.5	18.5
06	06	06	09	09	09	09	12	5430	5430	5430	8220	8220	8220	8220	10850	60020	4010	19.6	17.7
06	06	06	09	09	09	09	15	5190	5190	5190	7860	7860	7860	7860	12980	59990	3840	18.8	17.0
06	06	06	09	09	09	12	12	5200	5200	5200	7870	7870	7870	10400	10400	60010	3840	18.8	17.0
06	06	09	09	09	09	09	09	5410	5410	8200	8200	8200	8200	8200	8200	60020	4010	19.6	17.7
06	06	09	09	09	09	09	12	5190	5190	7850	7850	7850	7850	7850	10370	60000	3840	18.8	17.0
06	09	09	09	09	09	09	09	5170	7830	7830	7830	7830	7830	7830	7830	59980	3840	18.8	17.0

5-2. CORRECTING COOLING AND HEATING CAPACITY

5-2-1. Correcting Changes in Air Conditions

(1) The performance curve charts (Figure 1-1, 1-2, 2-1, 2-2) show the change ratio of capacity and input (power consumption) according to the indoor and outdoor temperature condition when define the rated capacity (total capacity) and rated input under the standard condition in standard piping length (5 m) as "1.0".

• Standard conditions:

Rated cooling capacity	Indoor D.B. 80°F / W.B. 67°F Outdoor D.B. 95°F
Rated heating capacity	Indoor D.B. 70°F Outdoor D.B. 47°F / W.B. 43°F

• Use the rated capacity and rated power values given in the characteristics table for each indoor unit.

• The capacity is the single value on the side of the outdoor unit;

The capacity on the sides of each indoor unit must be added to obtain the total capacity.

(2) The capacity of each indoor unit may be obtained by multiplying the total capacity obtained in (1) by the ratio between the individual capacity at the rated time and the total capacity at the rated time.

$$\text{Individual capacity under stated conditions} = \text{Total capacity under the stated conditions} \times \frac{\text{Individual capacity at the rated time}}{\text{Total capacity at the rated time}}$$

(3) Capacity correction factor curve

Fig. 1-1
Cooling capacity

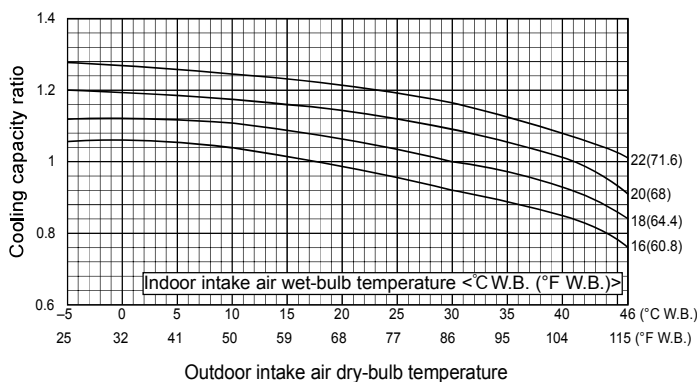


Fig. 1-2
Cooling input

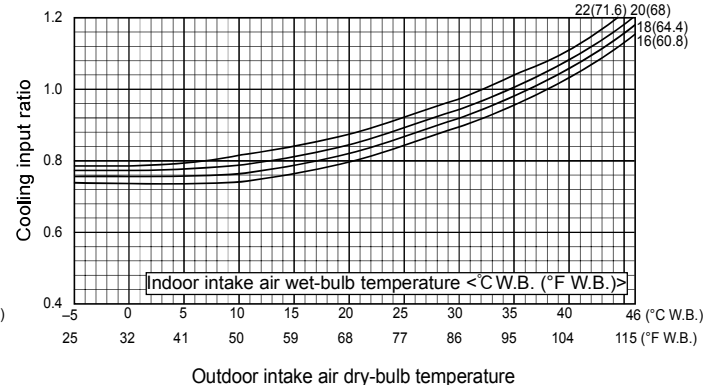


Fig. 2-1
Heating capacity

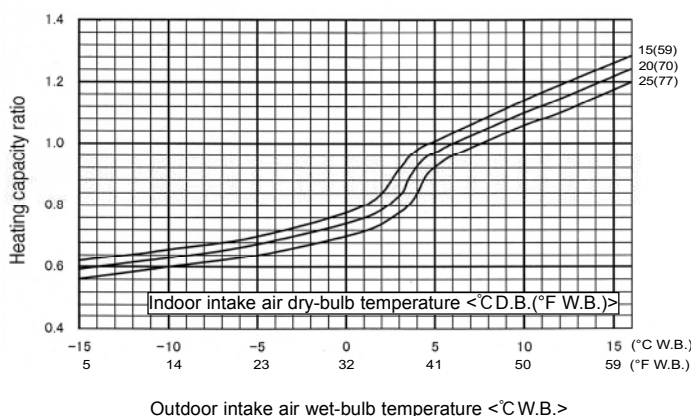
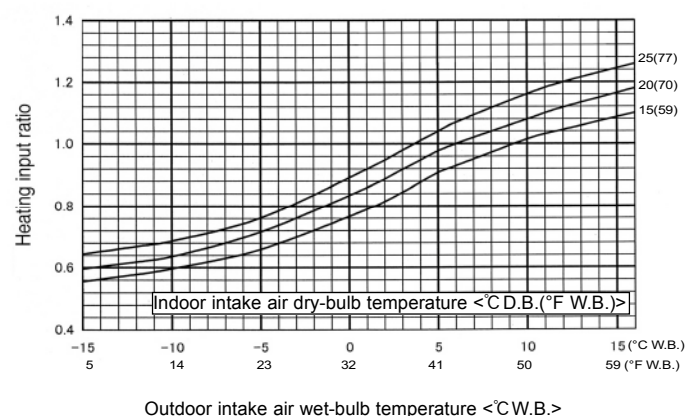


Fig. 2-2
Heating input



Note : These diagrams show the case where the operation frequency of a compressor is fixed.

5-2-2. Correcting Capacity for Changes in the Length of Refrigerant Piping

To obtain the ratio (and the corrected piping length) of the outdoor units Max. capacity and the total in-use indoor capacity, first find the capacity ratio corresponding to the standard piping length from Fig.3, Fig.4 and then multiply by the capacity from Fig. 1-1, 1-2, Fig. 2-1, 2-2 to obtain the actual capacity.

(1) Capacity correction factor

Fig. 3 Cooling capacity correction curve

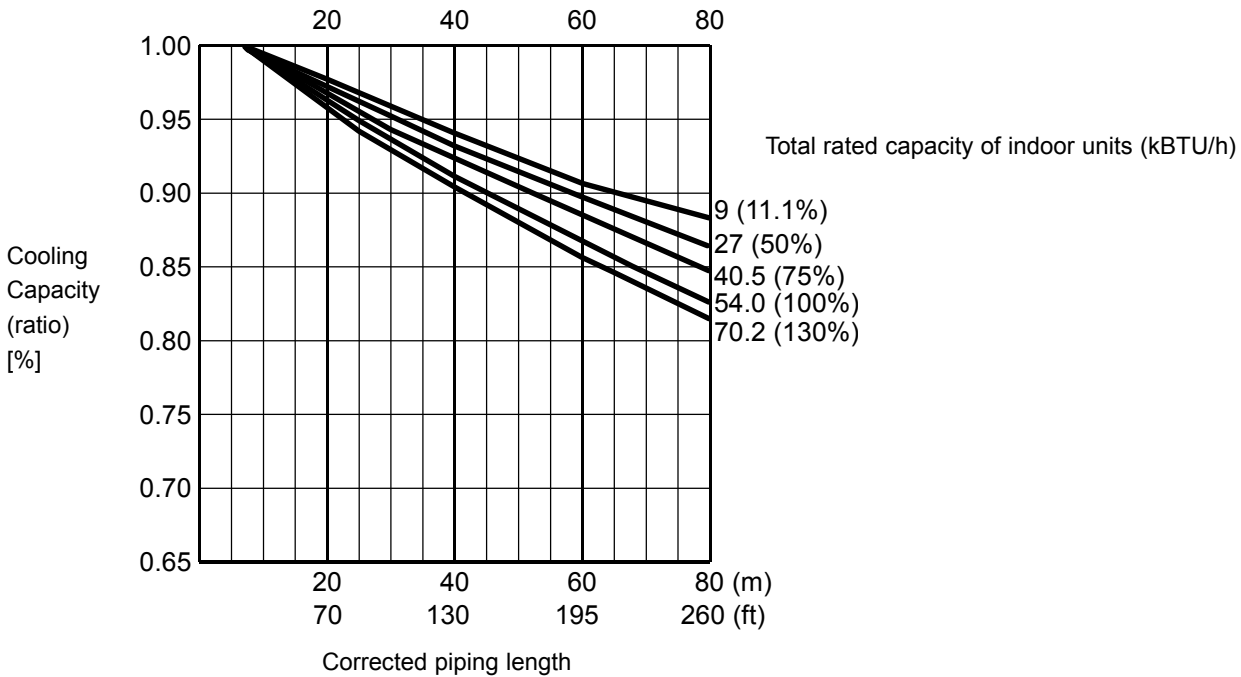
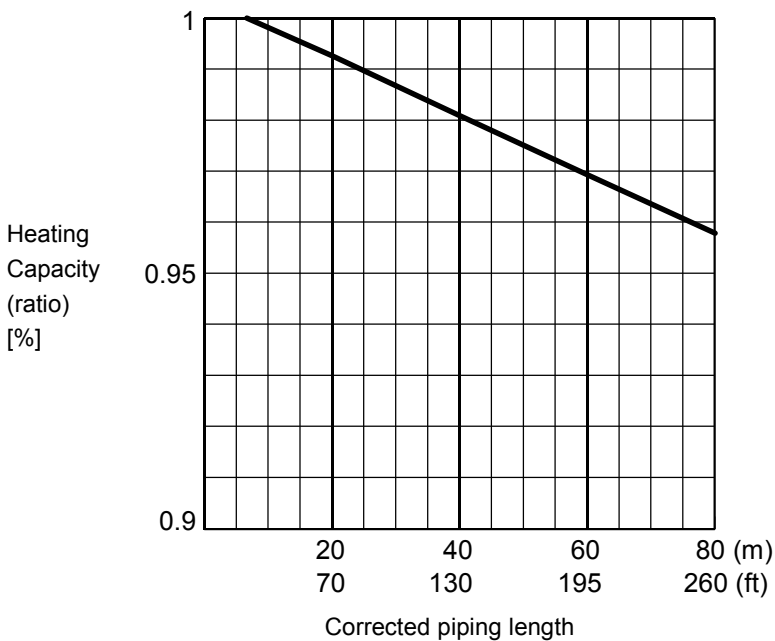


Fig. 4 Heating capacity correction curve

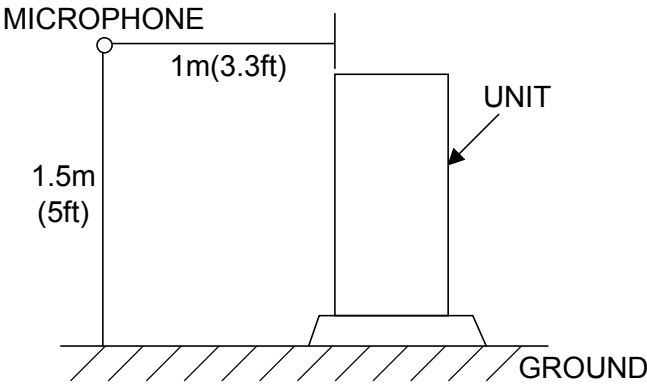


(2) Method for Obtaining the Corrected Piping Length

Corrected piping length = (Actual piping length between outdoor unit and the farthest indoor unit) + (0.30 × number of bends in the piping) (m), (ft)

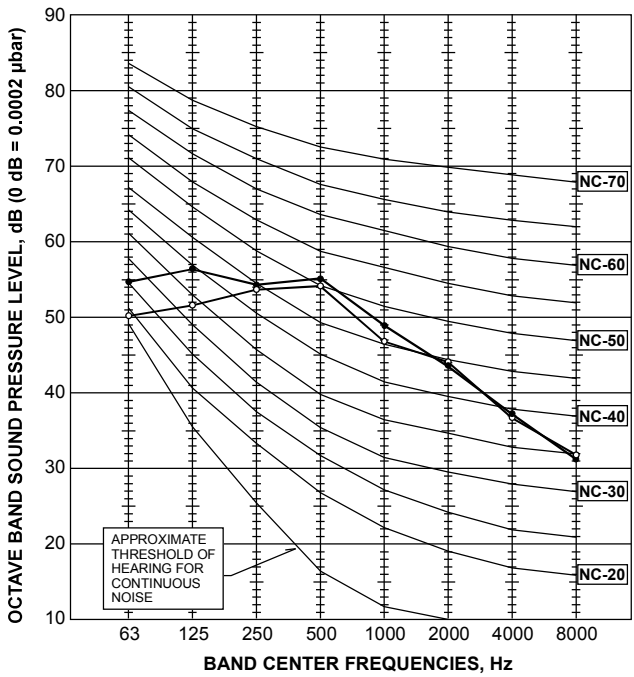


5-3. NOISE CRITERION CURVES



MXZ-8B48NA
MXZ-8B48NAR1

MODE	SPL(dB)	LINE
COOLING	54	○—○
HEATING	55	●—●



unit : mm (inch)

REFRIGERANT PIPE FLARED CONNECTION

DRAIN HOSE SIZE : O.D 20^{3/4} (VP-16^{5/8})



REFRIGERANT PIPE FLARED CONNECTION

DRAIN HOSE SIZE : O.D 20<3/4> (VP-16<5/8>)

