

Job Name:
System Reference:

Date:



Outdoor Unit: MXZ-4C36NAHZ

ACCESSORIES

The outdoor unit is delivered with the base pan heater factory installed.

- Airflow Guide (PAC-SH96SG-E)
- Three-port Branch Box (PAC-MKA30BC)
- Five-port Branch Box (PAC-MKA50BC)
- Distribution Pipe for Flare Connection
 - (MSDD-50AR; necessary for installing two branch boxes)
- Distribution Pipe for Brazed Connection
 - (MSDD-50BR; necessary for installing two branch boxes)
- 3/8" x 1/2" Port Adapter (MAC-A454JP)
- 1/2" x 3/8" Port Adapter (MAC-A455JP)
- 1/2" x 5/8" Port Adapter (MAC-A456JP)
- 1/4" x 3/8" Port Adapter (PAC-493PI)
- 3/8" x 5/8" Port Adapter (PAC-SG76RJ)

(For data on specific indoor units, see the MXZ-C Technical and Service Manual.)

Specifications		Model Name	
Unit Type		MXZ-4C36NAHZ	
Cooling* (Non-ducted / Ducted)	Rated Capacity	Btu/h	36,000 / 36,000
	Capacity Range	Btu/h	15,500 - 36,000
	Rated Total Input	W	2,570 / 3,180
Heating at 47°F* (Non-ducted / Ducted)	Rated Capacity	Btu/h	45,000 / 45,000
	Capacity Range	Btu/h	22,500 - 45,000
	Rated Total Input	W	3,340 / 4,250
Heating at 17°F* (Non-ducted/Ducted)	Rated Capacity	Btu/h	34,000 / 36,000
	Maximum Capacity	Btu/h	45,000 / 45,000
	Rated Total Input	W	3,500 / 4,590
Heating at 5°F*	Maximum Capacity	Btu/h	45,000
Connectable Capacity		Btu/h	12,000 - 46,800
Electrical Requirements	Power Supply	Voltage, Phase, Hertz	208 / 230V, 1-Phase, 60 Hz
	Recommended Fuse/Breaker Size	A	50
	MCA	A	42
Voltage	Indoor - Outdoor S1-S2	V	AC 208 / 230
	Indoor - Outdoor S2-S3	V	DC ±24
Compressor		Hermetic	
Fan Motor (ECM)		F.L.A.	0.4+0.4
Sound Pressure Level	Cooling	dB(A)	49
	Heating	dB(A)	53
External Dimensions (H x W x D)		In mm	52-11/16 x 41-11/32 x 13+1 1338 x 1050 x 330+25
Net Weight		Lbs / kg	276 / 125
External Finish		Munsell No. 3Y 7.8/11	
Refrigerant Pipe Size O.D.	Liquid (High Pressure)	In / mm	3/8 / 9.52
	Gas (Low Pressure)	In / mm	5/8 / 15.88
Max. Refrigerant Line Length		Ft / m	492 (150)
Max. Piping Length between outdoor unit and branch boxes		Ft / m	180 (55)
Max. Piping Length after branch box		Ft / m	82 (25)
Max. Total Piping Length between branch boxes and indoor units		Ft / m	311 (95)
Max. Refrigerant Pipe Height Difference	If IDU is Above ODU	Ft / m	131 (40)
	If IDU is Below ODU	Ft / m	164 (50)
Connection Method		Flared/Flared	
Refrigerant		R410A	

* Rating Conditions per AHRI Standard:

Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB

Heating at 47°F | Indoor: 70° F (21° C) DB
Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

Heating at 17° F | Indoor: 70° F (21° C) DB
Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

SPECIFICATIONS: MXZ-4C36NAHZ

OPERATING RANGE:

Outdoor	
Cooling	D.B 23 to 115°F [D.B.-5 to 46°C]*1
Heating	W.B. -13 to 59° F [W.B. -25 to 15° C

*1. D.B. 5 to 115° F [D.B. -15 to 46° C], when an optional Air Outlet Guide is installed.

ENERGY EFFICIENCIES:

Indoor Unit Type	SEER	EER	HSPF	COP @ 47°F	COP @ 17°F
Non-ducted (09+09+09+09)	19.10	14.00	11.30	3.95	2.85
Ducted and Non-ducted	17.45	12.67	10.70	3.53	2.58
Ducted (09+09+09+09)	15.80	11.30	10.10	3.10	2.30

NOTES:

- Minimum of two Indoor Units must be connected to the MXZ-4C36NAHZ.
- Minimum installed capacity cannot be less than 12,000 Btu/h.
- Total connected capacity must not exceed 130% of outdoor unit capacity.
- System can operate with only one Indoor Unit turned on.
- Information provided at 208/230V.
- For Reference:
 - MXZ-C Technical & Service Manual for detailed specifications and additional information per Indoor Unit Combination.
 - MXZ Series Multi-Zone Indoor/Outdoor Combination Table for allowed unit combinations.

MVZ CONNECTION RULES:

- Up to 2 MVZ's may be connected to this system*.
- When 2 MVZ's are connected, no additional indoor units can be used*.
- When 1 MVZ is connected, additional indoor units can be connected.
- When 1 MVZ is connected, total connected capacity must not exceed 130%.

*No limitation to the number of units connected when the SPTB1 accessory is used, total connected capacity must not exceed 130% (refer to SPTB1 documentation for more information).

NOTES:

MXZ-4C36NAHZ SYSTEM DESIGN

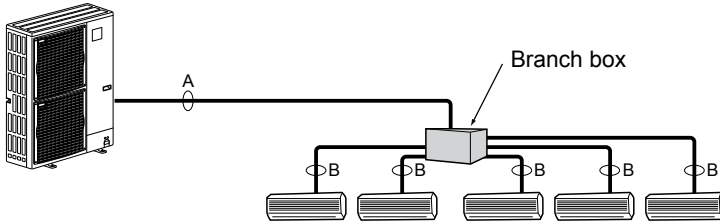
Outdoor unit		MXZ-4C36NAHZ		
		4HP		
		Rated capacity (kBTU/h)	Cooling Heating	36 45
		Refrigerant		R410A
Connectable indoor unit	Capacity		Type 06 to Type 36	
	Caution: The indoor unit which rated capacity exceeds 36 kBTU/h (Type 36) can NOT be connected.			
	Number of units		2 to 4 units	
Total system wide capacity		33 to 130% of outdoor unit capacity (12 to 46.8 kBTU/h)		
Connectable branch box	Number of units		1 or 2 units	

Branch box	PAC-MKA50BC & PAC-MKA51BC	PAC-MKA30BC & PAC-MKA31BC
Number of branches (Indoor unit that can be connected)	5 branches (MAX. 5 units)	3 branches (MAX. 3 units)

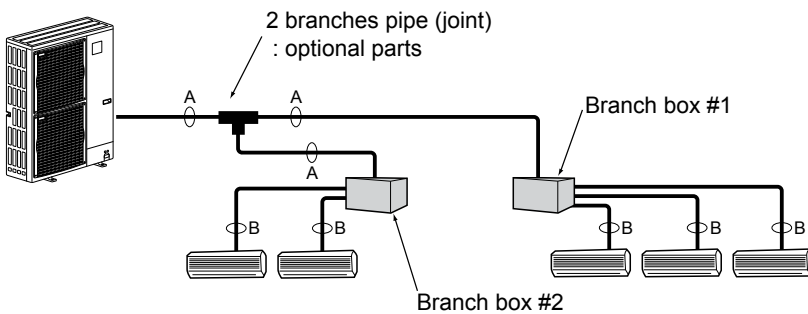
Note: A maximum of 2 branch boxes can be connected to 1 outdoor unit.

Branch Box Combinations	
Three-port	Five-port
1	0
0	1
1	1
2	0
0	2 (Up to 8 IDU)

- If Using One Branch Box
Flare connection employed (No brazing)



- If Using Two Branch Boxes



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

Piping connection size

	A	B
Liquid	$\phi 9.52$ 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	$\phi 15.88$ mm (5/8 inch)	

MXZ-4C36NAHZ COOLING AND HEATING CAPACITY AND CHARACTERISTICS

1. Method for obtaining system cooling and heating capacity:

To obtain the system cooling and heating capacity and the electrical characteristics of the outdoor unit, first add up the ratings of all the indoor units connected to the outdoor unit (see table below). For Standard Capacity Diagram, please refer to the MXZ-C Technical & Service Manual.

(1) Capacity of indoor unit

	Model Number for indoor unit	Model 06	Model 09	Model 12	Model 15	Model 18	Model 24	Model 30	Model 36
M series	Model Capacity [kBtu/h]	6.0	9.0	12.0	14.0*1 15.0*2	17.2*3 18.0*4	22.5	—	—
P series		—	—	12.0	—	18.0	24.0	30.0	35.0
SEZ		—	8.1	11.5	14.1	17.2	—	—	—
SLZ		—	8.4	11.1	15.0	—	—	—	—
MVZ		—	—	12.0	—	18.0	24.0	30.0	36.0

*1 The value is for MSZ-GE15NA.

*2 The value is for MSZ-FH15NA.

*3 The value is for MSZ-GE/FH18NA.

*4 The value is for MSZ-FE18NA or MFZ-KA18NA.

(2) Sample calculation

1 System assembled from indoor and outdoor unit (in this example the total capacity of the indoor units is greater than that of the outdoor unit)

- Outdoor unit MXZ-5C42NAHZ
- Indoor unit MSZ-GE09NA × 2 + MSZ-FH15NA × 2

2 According to the conditions in 1, the total capacity of the indoor unit will be: $9.0 \times 2 + 15.0 \times 2 = 48.0$

3 The following figures are obtained from the 16.8 total capacity of indoor units, referring the standard capacity diagram in "4-3-3. MXZ-5C42NAHZ <cooling>" and "4-3-4. MXZ-5C42NAHZ <heating>".

Capacity (kBTU/h)		Outdoor unit power consumption (kW)		Outdoor unit current (A)/ 230 V	
Cooling	Heating	Cooling	Heating	Cooling	Heating
A 42.0	B 48.0	3.46	4.37	15.26	19.31

2. Method for obtaining the heating and cooling capacity of an indoor unit:

(1) The capacity of each indoor unit (kW) = the capacity A (or B) $\times \frac{\text{model capacity}}{\text{total model capacity of all indoor units}}$

(2) Sample calculation (using the system described above in 4-1-1. (2)):

During cooling:

- The total model capacity of the indoor unit is:
 $9.0 \times 2 + 15.0 \times 2 = 48.0$ kBTU/h
Therefore, the capacity of MSZ-GE09NA and MSZ-FH15NA will be calculated as follows by using the formula in 4-1-2. (1):

$$\text{Model 09} = 42.0 \times \frac{9.0}{48.0} = 7.88 \text{ kBTU/h}$$

$$\text{Model 15} = 42.0 \times \frac{15.0}{48.0} = 13.13 \text{ kBTU/h}$$

During heating:

- The total model capacity of indoor unit is:
 $10.9 \times 2 + 18.0 \times 2 = 57.8$ kBTU/h
Therefore, the capacity of MSZ-GE09NA and MSZ-FH15NA will be calculated as follows by using the formula in 4-1-2. (1):

$$\text{Model 25} = 48.0 \times \frac{10.9}{57.8} = 9.05 \text{ kBTU/h}$$

$$\text{Model 50} = 48.0 \times \frac{18.0}{57.8} = 14.95 \text{ kBTU/h}$$

MXZ-4C36NAHZ OPERATIONAL PERFORMANCE

NON-DUCTED:

# of indoor unit	Total Nominal Capacity (x1000 Btu/h)	Total Indoor Unit Capacity (Btu/h)	Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)			
				Heating Capacity Range (Btu/h)			
				Unit A	Unit B	Unit C	Unit D
1	6	6,000	6	6,000	-	-	-
		7,200		7,200	-	-	-
1	9	9,000	9	9,000	-	-	-
		10,800		10,800	-	-	-
1	12	12,000	12	12,000	-	-	-
		14,400		14,400	-	-	-
1	15	15,000	15	15,000	-	-	-
		18,000		18,000	-	-	-
1	18	18,000	18	18,000	-	-	-
		21,600		21,600	-	-	-
1	24	24,000	24	24,000	-	-	-
		28,800		28,800	-	-	-
1	30	30,000	30	30,000	-	-	-
		36,900		36,900	-	-	-
1	36	36,000	36	36,000	-	-	-
		45,000		45,000	-	-	-
2	12	12,000	6 + 6	6,000	6,000	-	-
		14,400		7,200	7,200	-	-
2	15	15,000	6 + 9	6,000	9,000	-	-
		18,000		7,200	10,800	-	-
2	18	18,000	6 + 12	6,000	12,000	-	-
		21,600		7,200	14,400	-	-
2	21	21,000	6 + 15	6,000	15,000	-	-
		25,200		7,200	18,000	-	-
2	24	24,000	6 + 18	6,000	18,000	-	-
		28,800		7,200	21,600	-	-
2	30	30,000	6 + 24	6,000	24,000	-	-
		36,900		7,400	29,500	-	-
2	36	36,000	6 + 30	6,000	30,000	-	-
		45,000		7,300	37,700	-	-
2	42	36,000	6 + 36	5,100	30,900	-	-
		45,000		6,200	38,800	-	-
2	18	18,000	9 + 9	9,000	9,000	-	-
		21,600		10,800	10,800	-	-
2	21	21,000	9 + 12	9,000	12,000	-	-
		25,200		10,800	14,400	-	-
2	24	24,000	9 + 15	9,000	15,000	-	-
		28,800		10,800	18,000	-	-
2	27	27,000	9 + 18	9,000	18,000	-	-
		32,800		10,900	21,900	-	-
2	33	33,000	9 + 24	9,000	24,000	-	-
		40,900		11,200	29,700	-	-
2	39	36,000	9 + 30	8,300	27,700	-	-
		45,000		10,200	34,800	-	-
2	45	36,000	9 + 36	7,200	28,800	-	-
		45,000		8,700	36,300	-	-
2	24	24,000	12 + 12	12,000	12,000	-	-
		28,800		14,400	14,400	-	-
2	27	27,000	12 + 15	12,000	15,000	-	-
		32,800		14,600	18,200	-	-
2	30	30,000	12 + 18	12,000	18,000	-	-
		36,900		14,800	22,100	-	-
2	36	36,000	12 + 24	12,000	24,000	-	-
		45,000		15,000	30,000	-	-
2	42	36,000	12 + 30	10,300	25,700	-	-
		45,000		12,600	32,400	-	-
2	30	30,000	15 + 15	15,000	15,000	-	-
		36,900		18,500	18,500	-	-
2	33	33,000	15 + 18	15,000	18,000	-	-
		40,900		18,600	22,300	-	-

MXZ-4C36NAHZ OPERATIONAL PERFORMANCE, CONTD.

NON-DUCTED:

# of indoor unit	Total Nominal Capacity (x1000 Btu/h)	Total Indoor Unit Capacity (Btu/h)	Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)			
				Heating Capacity Range (Btu/h)			
				Unit A	Unit B	Unit C	Unit D
2	39	36,000	15 + 24	13,800	22,200	-	-
		45,000		17,300	27,700	-	-
2	45	36,000	15 + 30	12,000	24,000	-	-
		45,000		14,800	30,200	-	-
2	36	36,000	18 + 18	18,000	18,000	-	-
		45,000		22,500	22,500	-	-
2	42	36,000	18 + 24	15,400	20,600	-	-
		45,000		19,300	25,700	-	-
3	18	18,000	6 + 6 + 6	6,000	6,000	6,000	-
		21,600		7,200	7,200	7,200	-
3	21	21,000	6 + 6 + 9	6,000	6,000	9,000	-
		25,200		7,200	7,200	10,800	-
3	24	24,000	6 + 6 + 12	6,000	6,000	12,000	-
		28,800		7,200	7,200	14,400	-
3	27	27,000	6 + 6 + 15	6,000	6,000	15,000	-
		32,800		7,300	7,300	18,200	-
3	30	30,000	6 + 6 + 18	6,000	6,000	18,000	-
		36,900		7,400	7,400	22,100	-
3	36	36,000	6 + 6 + 24	6,000	6,000	24,000	-
		45,000		7,500	7,500	30,000	-
3	42	36,000	6 + 6 + 30	5,100	5,100	25,700	-
		45,000		6,300	6,300	32,400	-
3	24	24,000	6 + 9 + 9	6,000	9,000	9,000	-
		28,800		7,200	10,800	10,800	-
3	27	27,000	6 + 9 + 12	6,000	9,000	12,000	-
		32,800		7,300	10,900	14,600	-
3	30	30,000	6 + 9 + 15	6,000	9,000	15,000	-
		36,900		7,400	11,100	18,500	-
3	33	33,000	6 + 9 + 18	6,000	9,000	18,000	-
		40,900		7,400	11,200	22,300	-
3	39	36,000	6 + 9 + 24	5,500	8,300	22,200	-
		45,000		6,900	10,400	27,700	-
3	45	36,000	6 + 9 + 30	4,800	7,200	24,000	-
		45,000		5,900	8,900	30,200	-
3	30	30,000	6 + 12 + 12	6,000	12,000	12,000	-
		36,900		7,400	14,800	14,800	-
3	33	33,000	6 + 12 + 15	6,000	12,000	15,000	-
		40,900		7,400	14,900	18,600	-
3	36	36,000	6 + 12 + 18	6,000	12,000	18,000	-
		45,000		7,500	15,000	22,500	-
3	42	36,000	6 + 12 + 24	5,100	10,300	20,600	-
		45,000		6,400	12,900	25,700	-
3	36	36,000	6 + 15 + 15	6,000	15,000	15,000	-
		45,000		7,500	18,800	18,800	-
3	39	36,000	6 + 15 + 18	5,500	13,800	16,600	-
		45,000		6,900	17,300	20,800	-
3	45	36,000	6 + 15 + 24	4,800	12,000	19,200	-
		45,000		6,000	15,000	24,000	-
3	42	36,000	6 + 18 + 18	5,100	15,400	15,400	-
		45,000		6,400	19,300	19,300	-
3	27	27,000	9 + 9 + 9	9,000	9,000	9,000	-
		32,800		10,900	10,900	10,900	-
3	30	30,000	9 + 9 + 12	9,000	9,000	12,000	-
		36,900		11,100	11,100	14,800	-
3	33	33,000	9 + 9 + 15	9,000	9,000	15,000	-
		40,900		11,200	11,200	18,600	-
3	36	36,000	9 + 9 + 18	9,000	9,000	18,000	-
		45,000		11,300	11,300	22,500	-
3	42	36,000	9 + 9 + 24	7,700	7,700	20,600	-
		45,000		9,600	9,600	25,700	-

MXZ-4C36NAHZ OPERATIONAL PERFORMANCE, CONTD.

NON-DUCTED:

# of indoor unit	Total Nominal Capacity (x1000 Btu/h)	Total Indoor Unit Capacity (Btu/h)	Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)			
				Heating Capacity Range (Btu/h)			
				Unit A	Unit B	Unit C	Unit D
3	33	33,000	9 + 12 + 12	9,000	12,000	12,000	-
		40,900		11,200	14,900	14,900	-
3	36	36,000	9 + 12 + 15	9,000	12,000	15,000	-
		45,000		11,300	15,000	18,800	-
3	39	36,000	9 + 12 + 18	8,300	11,100	16,600	-
		45,000		10,400	13,800	20,800	-
3	45	36,000	9 + 12 + 24	7,200	9,600	19,200	-
		45,000		9,000	12,000	24,000	-
3	39	36,000	9 + 15 + 15	8,300	13,800	13,800	-
		45,000		10,400	17,300	17,300	-
3	42	36,000	9 + 15 + 18	7,700	12,900	15,400	-
		45,000		9,600	16,100	19,300	-
3	45	36,000	9 + 18 + 18	7,200	14,400	14,400	-
		45,000		9,000	18,000	18,000	-
3	36	36,000	12 + 12 + 12	12,000	12,000	12,000	-
		45,000		15,000	15,000	15,000	-
3	39	36,000	12 + 12 + 15	11,100	11,100	13,800	-
		45,000		13,800	13,800	17,300	-
3	42	36,000	12 + 12 + 18	10,300	10,300	15,400	-
		45,000		12,900	12,900	19,300	-
3	42	36,000	12 + 15 + 15	10,300	12,900	12,900	-
		45,000		12,900	16,100	16,100	-
3	45	36,000	12 + 15 + 18	9,600	12,000	14,400	-
		45,000		12,000	15,000	18,000	-
3	45	36,000	15 + 15 + 15	12,000	12,000	12,000	-
		45,000		15,000	15,000	15,000	-
4	24	24,000	6 + 6 + 6 + 6	6,000	6,000	6,000	6,000
		28,800		7,200	7,200	7,200	7,200
4	27	27,000	6 + 6 + 6 + 9	6,000	6,000	6,000	9,000
		32,800		7,300	7,300	7,300	10,900
4	30	30,000	6 + 6 + 6 + 12	6,000	6,000	6,000	12,000
		36,900		7,400	7,400	7,400	14,800
4	33	33,000	6 + 6 + 6 + 15	6,000	6,000	6,000	15,000
		40,900		7,400	7,400	7,400	18,600
4	36	36,000	6 + 6 + 6 + 18	6,000	6,000	6,000	18,000
		45,000		7,500	7,500	7,500	22,500
4	42	36,000	6 + 6 + 6 + 24	5,100	5,100	5,100	20,600
		45,000		6,400	6,400	6,400	25,700
4	30	30,000	6 + 6 + 9 + 9	6,000	6,000	9,000	9,000
		36,900		7,400	7,400	11,100	11,100
4	33	33,000	6 + 6 + 9 + 12	6,000	6,000	9,000	12,000
		40,900		7,400	7,400	11,200	14,900
4	36	36,000	6 + 6 + 9 + 15	6,000	6,000	9,000	15,000
		45,000		7,500	7,500	11,300	18,800
4	39	36,000	6 + 6 + 9 + 18	5,500	5,500	8,300	16,600
		45,000		6,900	6,900	10,400	20,800
4	45	36,000	6 + 6 + 9 + 24	4,800	4,800	7,200	19,200
		45,000		6,000	6,000	9,000	24,000
4	36	36,000	6 + 6 + 12 + 12	6,000	6,000	12,000	12,000
		45,000		7,500	7,500	15,000	15,000
4	39	36,000	6 + 6 + 12 + 15	5,500	5,500	11,100	13,800
		45,000		6,900	6,900	13,800	17,300
4	42	36,000	6 + 6 + 12 + 18	5,100	5,100	10,300	15,400
		45,000		6,400	6,400	12,900	19,300
4	42	36,000	6 + 6 + 15 + 15	5,100	5,100	12,900	12,900
		45,000		6,400	6,400	16,100	16,100
4	45	36,000	6 + 6 + 15 + 18	4,800	4,800	12,000	14,400
		45,000		6,000	6,000	15,000	18,000
4	33	33,000	6 + 9 + 9 + 9	6,000	9,000	9,000	9,000
		40,900		7,400	11,200	11,200	11,200

MXZ-4C36NAHZ OPERATIONAL PERFORMANCE, CONTD.

NON-DUCTED:

# of indoor unit	Total Nominal Capacity (x1000 Btu/h)	Total Indoor Unit Capacity (Btu/h)	Operational Performance for Indoor Unit Combinations (Unit A + Unit B + Unit C + Unit D)	Cooling Capacity Range (Btu/h)			
				Heating Capacity Range (Btu/h)			
				Unit A	Unit B	Unit C	Unit D
4	36	36,000	6 + 9 + 9 + 12	6,000	9,000	9,000	12,000
		45,000		7,500	11,300	11,300	15,000
4	39	36,000	6 + 9 + 9 + 15	5,500	8,300	8,300	13,800
		45,000		6,900	10,400	10,400	17,300
4	42	36,000	6 + 9 + 9 + 18	5,100	7,700	7,700	15,400
		45,000		6,400	9,600	9,600	19,300
4	39	36,000	6 + 9 + 12 + 12	5,500	8,300	11,100	11,100
		45,000		6,900	10,400	13,800	13,800
4	42	36,000	6 + 9 + 12 + 15	5,100	7,700	10,300	12,900
		45,000		6,400	9,600	12,900	16,100
4	45	36,000	6 + 9 + 12 + 18	4,800	7,200	9,600	14,400
		45,000		6,000	9,000	12,000	18,000
4	42	36,000	6 + 12 + 12 + 12	5,100	10,300	10,300	10,300
		45,000		6,400	12,900	12,900	12,900
4	45	36,000	6 + 12 + 12 + 15	4,800	9,600	9,600	12,000
		45,000		6,000	12,000	12,000	15,000
4	36	36,000	9 + 9 + 9 + 9	9,000	9,000	9,000	9,000
		45,000		11,300	11,300	11,300	11,300
4	39	36,000	9 + 9 + 9 + 12	8,300	8,300	8,300	11,100
		45,000		10,400	10,400	10,400	13,800
4	42	36,000	9 + 9 + 9 + 15	7,700	7,700	7,700	12,900
		45,000		9,600	9,600	9,600	16,100
4	45	36,000	9 + 9 + 9 + 18	7,200	7,200	7,200	14,400
		45,000		9,000	9,000	9,000	18,000
4	42	36,000	9 + 9 + 12 + 12	7,700	7,700	10,300	10,300
		45,000		9,600	9,600	12,900	12,900
4	45	36,000	9 + 9 + 12 + 15	7,200	7,200	9,600	12,000
		45,000		9,000	9,000	12,000	15,000
4	45	36,000	6 + 9 + 15 + 15	4,800	7,200	12,000	12,000
		45,000		6,000	9,000	15,000	15,000
4	45	36,000	9 + 12 + 12 + 12	7,200	9,600	9,600	9,600
		45,000		9,000	12,000	12,000	12,000

DIMENSIONS: PAC-MKA30BC AND PAC-MKA50BC BRANCH BOXES

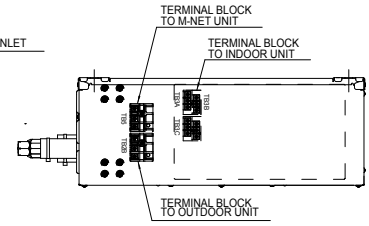
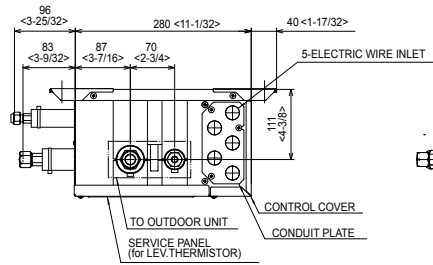
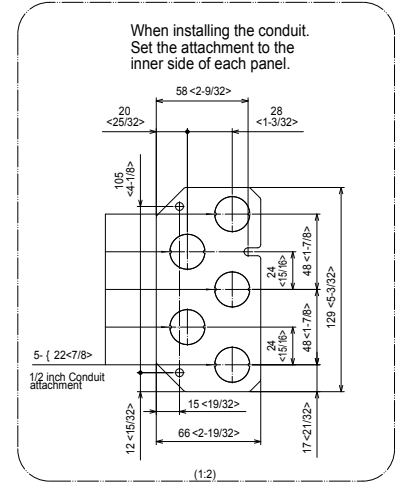
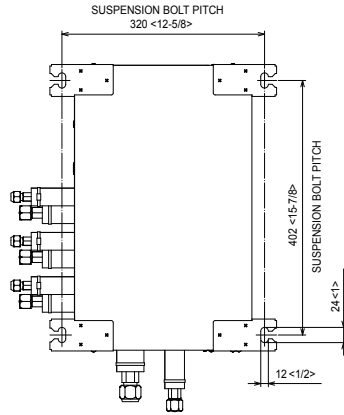
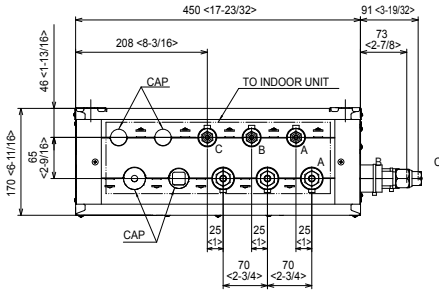
Unit: mm <in>

PAC-MKA30BC & PAC-MKA31BC

SUSPENSION BOLT : W3/8(M10)

REFRIGERANT PIPE FLARED CONNECTION

	A	B	C		TO OUTDOOR UNIT
LIQUID PIPE	1/4F	1/4F	1/4F		3/8F
GAS PIPE	3/8F	3/8F	3/8F		5/8F



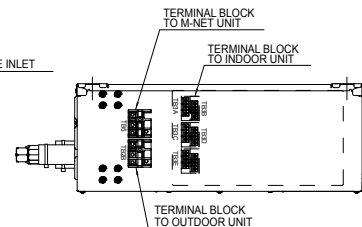
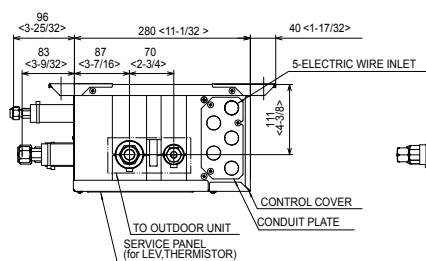
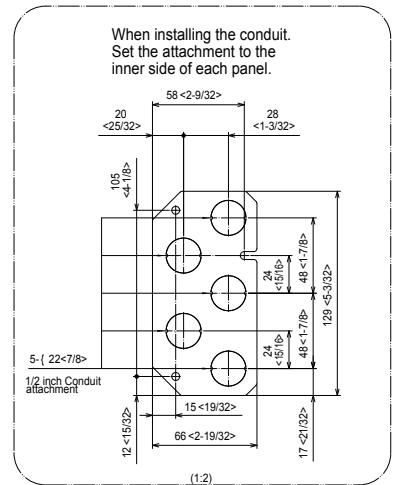
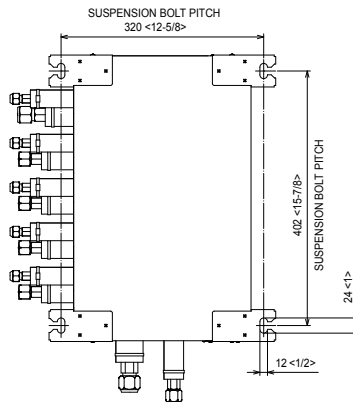
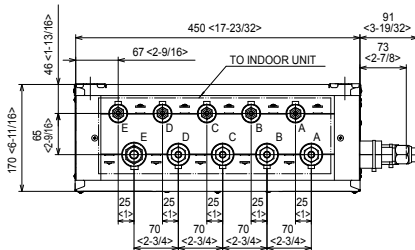
PAC-MKA50BC & PAC-MKA51BC

Unit: mm <in>

SUSPENSION BOLT : W3/8(M10)

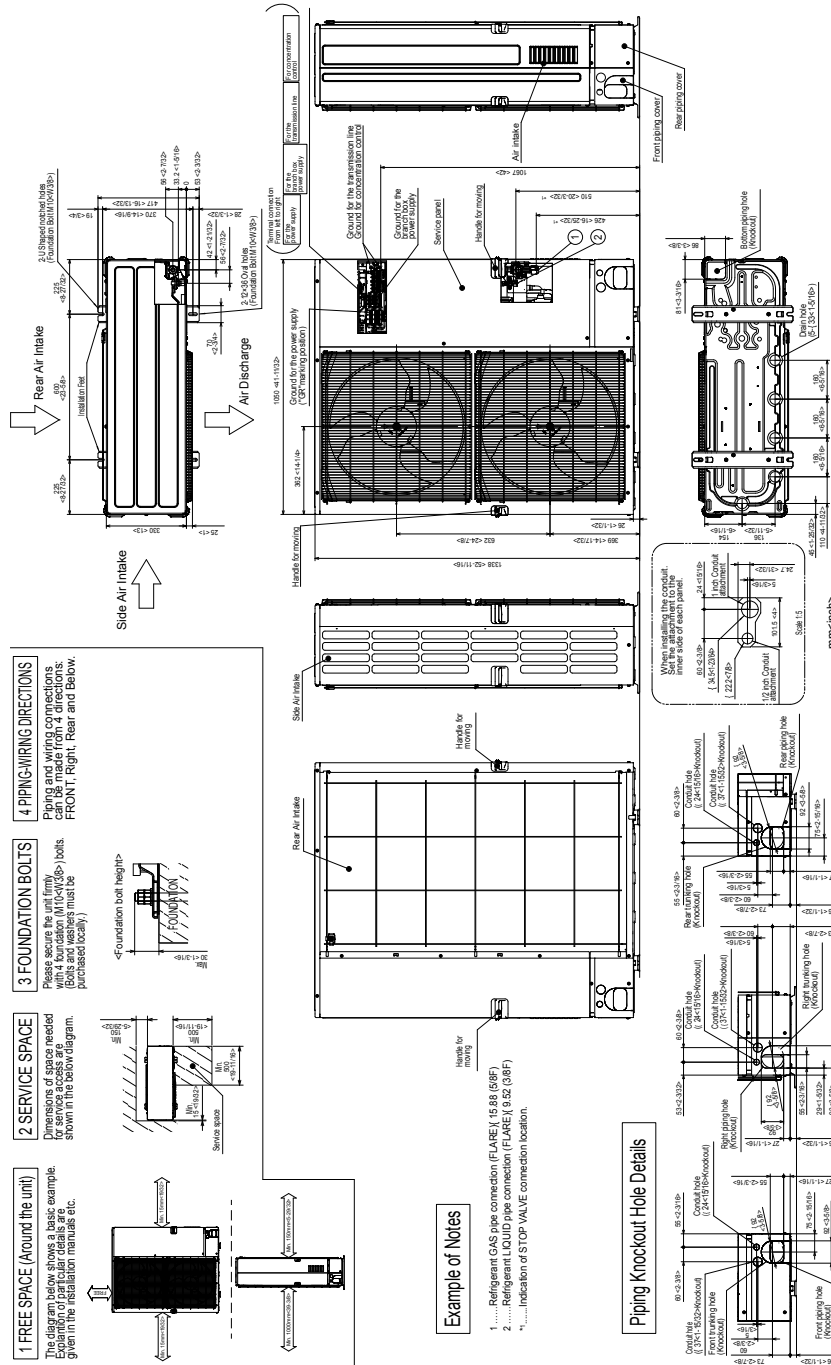
REFRIGERANT PIPE FLARED CONNECTION

	A	B	C	D	E	To Outdoor Unit
LIQUID PIPE	1/4F	1/4F	1/4F	1/4F	1/4F	3/8F
GAS PIPE	3/8F	3/8F	3/8F	3/8F	1/2F	5/8F



DIMENSIONS: MXZ-4C36NAHZ

Unit: mm <in>



COOLING & HEATING

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