

**SUBMITTAL DATA: MXZ-4A36NA**
**MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM**

Job Name: _____	Location: _____	Date: _____
Purchaser: _____	Engineer: _____	
Submitted to: _____	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
Unit Designation: _____	Schedule No.: _____	

**GENERAL FEATURES**

- Compact side discharge outdoor unit
- Wireless or wired remote controller, depending on the indoor units used
- Quiet operation—both indoor and outdoor units
- Automatic fan speed control
- Auto restart following a power outage
- Self-check function—integrated diagnostics
- Advanced microprocessor control
- Limited warranty: one year on parts and defects and six years on compressor



Outdoor Unit: MXZ-4A36NA

**OPTIONAL OUTDOOR UNIT ACCESSORY**

- Air Outlet Guide (MAC-855SG)

**Cooling\***

Rated Capacity (Non-ducted/Ducted) . . . 36,000 Btu/h / 34,400 Btu/h  
 Minimum Capacity (Non-ducted/Ducted) . . 12,600 Btu/h / 12,600 Btu/h  
 Total Input (Non-ducted/Ducted) . . . . . 3,820 W / 3,940 W

**Heating at 47°F\***

Rated Capacity (Non-ducted/Ducted) . . . 36,000 Btu/h / 34,400 Btu/h  
 Minimum Capacity (Non-ducted/Ducted) . . 11,400 Btu/h / 11,400 Btu/h  
 Total Input (Non-ducted/Ducted) . . . . . 3,100 W / 3,100 W

**Heating at 17°F\***

Rated Capacity (Non-ducted/Ducted) . . . 19,400 Btu/h / 20,300 Btu/h  
 Total Input (Non-ducted/Ducted) . . . . . 2,330 W / 2,340 W

\* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB / 67°F (19°C) WB.

Outdoor: 95°F (35°C) DB / 75°F (24°C) WB.

(Heating) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 47°F (8°C) DB / 43°F (6°C) WB.

(Heating at 17°F) - Indoor: 70°F (21°C) DB / 60°F (16°C) WB. Outdoor: 17°F (-8°C) DB / 15°F (-9°C) WB.

(For data on specific indoor units [all ducted, all non-ducted, and both ducted and non-ducted] combinations, see the MXZ Technical and Service Manual.)

**Electrical Requirements**

Power Supply . . . . . 208 / 230V, 1-Phase, 60 Hz  
 Breaker Size . . . . . 20 A  
 MCA . . . . . 19 A

**Voltage**

Indoor - Outdoor S1-S2 . . . . . AC 208 / 230V  
 Indoor - Outdoor S2-S3 . . . . . DC 12 - 24V

**OPERATING RANGE**

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	95°F (35°C) DB, 71°F (22°C) WB	115°F (46°C) DB
	Minimum	67°F (19°C) DB, 57°F (14°C) WB	14°F (-10°C) DB
Heating	Maximum	80°F (27°C) DB, 67°F (19°C) WB	75°F (24°C) DB, 65°F (18°C) WB
	Minimum	70°F (21°C) DB, 60°F (16°C) WB	14°F (-10°C) DB, 12°F (-11°C) WB

Compressor . . . . . DC Inverter-driven Twin Rotary  
 Fan Motor . . . . . 0.93 F.L.A.

**Sound Pressure Level**

Cooling . . . . . 54 dB(A)  
 Heating . . . . . 57 dB(A)

DIMENSIONS	INCHES / MM
W	35-7/16 / 900
D	12-5/8 / 320
H	35-7/16 / 900

Weight . . . . . 150 lbs. / 68 kg

Refrigerant Type . . . . . R410A

Refrigerant Pipe Size O.D. — Four Ports

Gas Side . . . . . A: 1/2 / 12.7 mm; B, C, D: 3/8" / 9.52 mm

Liquid Side . . . . . 1/4" / 6.35 mm

Max. Refrigerant Pipe Length . . . . . 230' / 70 m

Max. Refrigerant Pipe Height Difference

If Indoor Unit is Above Outdoor Unit . . . . . 49' / 15 m

If Indoor Unit is Below Outdoor Unit . . . . . 33' / 10 m

Connection Method . . . . . Flared

**COMPATIBLE INDOOR UNITS AND ASSOCIATED REMOTE CONTROLLERS**
**Horizontal-ducted Indoor Units: SEZ-KD09, 12, 15, 18NA**

 Remote Controller PAR-21MAA -  
Packaged with SEZ

**Wall-mounted Indoor Units: MSZ-A09, 12, 15, 17, 24NA**

 Wireless Remote Controller -  
Packaged with MSZ-A and MSZ-FD  
(Optional Wired PAR-21MAA Remote  
Controller)

**Wall-mounted Indoor Units: MSZ-FD09, 12NA**

**MXZ-4A36NA ENERGY EFFICIENCIES**

Indoor Unit Type	SEER	HSPF
Non-ducted	16	8.5
Ducted and Non-ducted	15.5	8.75
Ducted	15	9

**SYSTEM COMPONENTS**

Outdoor Unit . . . . . MXZ-4A36NA

Indoor Unit . . . . . Three (minimum) or Four Indoor Units Necessary  
 (Select Style as Installation Requires)

Refer to the separate submittal forms for the SEZ and MSZ Indoor Units.





# MXZ-4A36NA COMBINATIONS\* (with wall-mounted and/or ducted indoor units)

Indoor Unit (Unit A + Unit B + Unit C + Unit D) Combinations **	Cooling Capacity (Btu/h)					Power Usage
	Heating Capacity (Btu/h)					
	Unit A	Unit B	Unit C	Unit D	Total	
9 + 9 + 9	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	-	27,000 (All Wall-mounted MSZ) 25,800 (All Ducted SEZ) 26,600 - 26,200 (Combination)	2,860 - 2,950
	Wall: 10,800 Ducted: 10,400	Wall: 10,800 Ducted: 10,400	Wall: 10,800 Ducted: 10,400	-	32,400 (All Wall-mounted MSZ) 31,200 (All Ducted SEZ) 32,000 - 31,600 (Combination)	2,700
9 + 9 + 12	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	12,000	-	30,000 (All Wall-mounted MSZ) 29,200 (All Ducted SEZ) 30,000 - 29,200 (Combination)	3,270 - 3,350
	Wall: 10,000 Ducted: 9,600	Wall: 10,000 Ducted: 9,600	12,400	-	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,400 - 31,600 (Combination)	2,700
9 + 9 + 15	Wall: 8,800 Ducted: 8,400	Wall: 8,800 Ducted: 8,400	14,500	-	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 32,100 - 31,300 (Combination)	3,500 - 3,580
	Wall: 8,900 Ducted: 8,500	Wall: 8,900 Ducted: 8,500	14,600	-	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,400 - 31,600 (Combination)	2,700
9 + 9 + 17	Wall: 8,200 Ducted: 7,800	Wall: 8,200 Ducted: 7,800	15,700	-	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,500 - 3,560
	Wall: 8,400 Ducted: 8,000	Wall: 8,400 Ducted: 8,000	15,600	-	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 9 + 18	Wall: 8,100 Ducted: 7,700	Wall: 8,100 Ducted: 7,700	15,900	-	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,520 - 3,580
	Wall: 8,100 Ducted: 7,700	Wall: 8,100 Ducted: 7,700	16,200	-	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 9 + 24	Wall: 6,900 Ducted: 6,500	Wall: 6,900 Ducted: 6,500	18,300	-	32,100 (All Wall-mounted MSZ) 31,300 (All Ducted SEZ) 31,700 (Combination)	3,500 - 3,560
	Wall: 7,800 Ducted: 7,400	Wall: 7,800 Ducted: 7,400	16,800	-	32,400 (All Wall-mounted MSZ) 31,600 (All Ducted SEZ) 32,000 (Combination)	2,700
9 + 9 + 12	Wall: 8,700 Ducted: 8,300	11,700	11,700	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 9,400 Ducted: 9,000	11,500	11,500	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 15	Wall: 8,000 Ducted: 7,600	10,700	13,400	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 8,300 Ducted: 7,900	10,400	13,700	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 17	Wall: 7,600 Ducted: 7,200	10,100	14,400	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,550
	Wall: 7,900 Ducted: 7,500	9,900	14,600	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 12 + 18	Wall: 7,500 Ducted: 7,100	10,000	14,600	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,520 - 3,570
	Wall: 7,600 Ducted: 7,200	9,900	14,900	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 15 + 15	Wall: 7,500 Ducted: 7,100	12,300	12,300	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,600 Ducted: 7,200	12,400	12,400	-	32,400 (All Wall-mounted MSZ) 32,00 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700

\* Information provided at 208V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination

\*\* Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style.



## MXZ-4A36NA COMBINATIONS\* (with wall-mounted and/or ducted indoor units), contd.

Indoor Unit (Unit A + Unit B + Unit C + Unit D) Combinations **	Cooling Capacity (Btu/h)					Power Usage (W)
	Heating Capacity (Btu/h)					
	Unit A	Unit B	Unit C	Unit D	Total	
9 + 15 + 17	Wall: 7,100 Ducted: 6,700	11,700	13,300	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,200 Ducted: 6,800	11,900	13,300	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 15 + 18	Wall: 7,000 Ducted: 6,600	11,600	13,500	-	32,100 (All Wall-mounted MSZ) 31,700 (All Ducted SEZ) 32,100 - 31,700 (Combination)	3,500 - 3,570
	Wall: 7,100 Ducted: 6,700	11,900	13,400	-	32,400 (All Wall-mounted MSZ) 32,000 (All Ducted SEZ) 32,400 - 32,000 (Combination)	2,700
9 + 17 + 17	Wall: 6,700 Ducted: 6,300	12,700	12,700	-	32,100 (All Wall-mounted MSZ) 31,700 (Combination)	3,500 - 3,530
	Wall: 7,000 Ducted: 6,600	12,700	12,700	-	32,400 (All Wall-mounted MSZ) 32,000 (Combination)	2,700
9 + 17 + 18	Wall: 6,600 Ducted: 6,200	12,600	12,900	-	32,100 - 31,700 (Combination)	3,520 - 3,550
	Wall: 6,900 Ducted: 6,500	12,700	12,800	-	32,400 - 32,000 (Combination)	2,700
9 + 18 + 18	Wall: 6,500 Ducted: 6,100	12,800	12,800	-	31,700 (All Ducted SEZ) 32,100 (Combination)	3,540 - 3,570
	Wall: 6,800 Ducted: 6,400	12,800	12,800	-	32,400 - 32,000 (Combination)	2,700
12 + 12 + 12	10,700	10,700	10,700	-	32,100	3,500 - 3,560
	10,800	10,800	10,800	-	32,400	2,700
12 + 12 + 15	9,900	9,900	12,300	-	32,100	3,500 - 3,560
	9,700	9,700	13,000	-	32,400	2,700
12 + 12 + 17	9,400	9,400	13,300	-	32,100	3,500 - 3,540
	9,300	9,300	13,800	-	32,400	2,700
12 + 12 + 18	9,300	9,300	13,500	-	32,100	3,520 - 3,560
	9,200	9,200	14,000	-	32,400	2,700
12 + 15 + 15	9,100	11,500	11,500	-	32,100	3,500 - 3,560
	9,000	11,700	11,700	-	32,400	2,700
9 + 9 + 9 + 9	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	36,000 (All Wall-mounted MSZ) 34,400 (All Ducted SEZ) 35,600 - 34,800 (Combination)	3,820 - 3,940
	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	Wall: 9,000 Ducted: 8,600	36,000 (All Wall-mounted MSZ) 34,400 (All Ducted SEZ) 35,600 - 34,800 (Combination)	3,100
9 + 9 + 9 + 12	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	11,100	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,820 - 3,930
	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	Wall: 8,300 Ducted: 7,900	11,100	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,100
9 + 9 + 9 + 15	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	12,900	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,820 - 3,930
	Wall: 7,700 Ducted: 7,300"	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	12,900	36,000 (All Wall-mounted MSZ) 34,800 (All Ducted SEZ) 36,000 - 34,800 (Combination)	3,100
9 + 9 + 12 + 12	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	10,300	10,300	36,000 (All Wall-mounted MSZ) 35,200 (All Ducted SEZ) 36,000 - 35,200 (Combination)	3,820 - 3,920
	Wall: 7,700 Ducted: 7,300	Wall: 7,700 Ducted: 7,300	10,300	10,300	36,000 (All Wall-mounted MSZ) 35,200 (All Ducted SEZ) 36,000 - 35,200 (Combination)	3,100

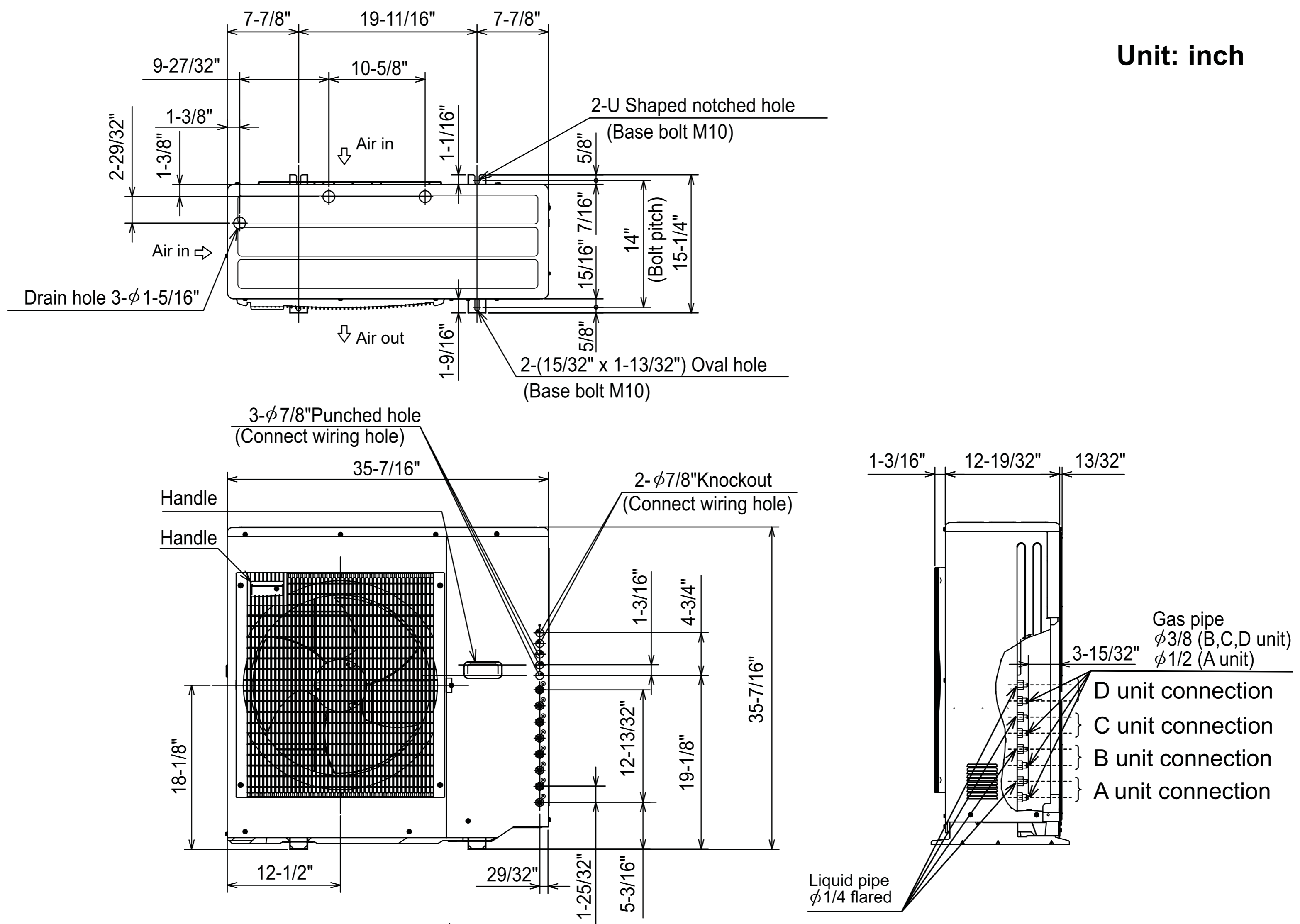
\* Information provided at 208V. Refer to MXZ Outdoor Unit Service Manual for detail specification and additional information per indoor unit combination

\*\* Sizes 17 and 24 only available in MSZ-A17 and MSZ-A24 wall-mounted indoor unit style, respectively. Size 18 only available in SEZ-KD18 ducted indoor unit style.



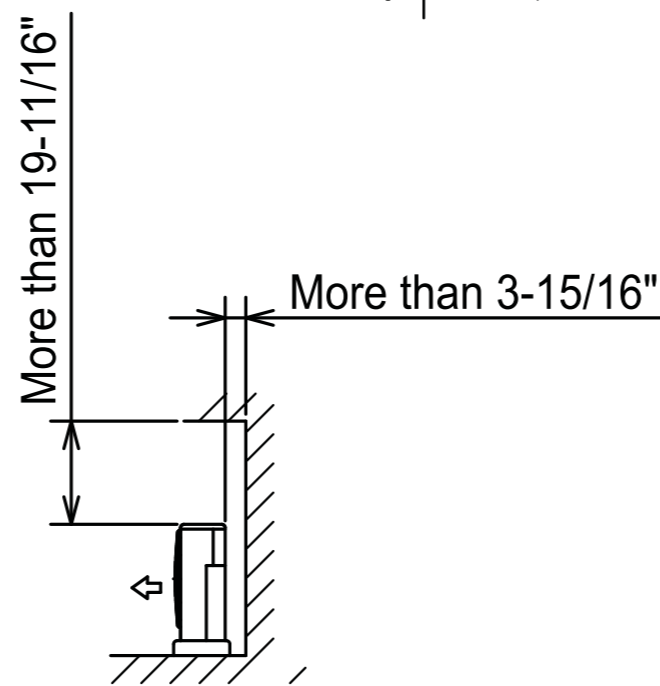
# DIMENSIONS: MXZ-4A36NA

Unit: inch

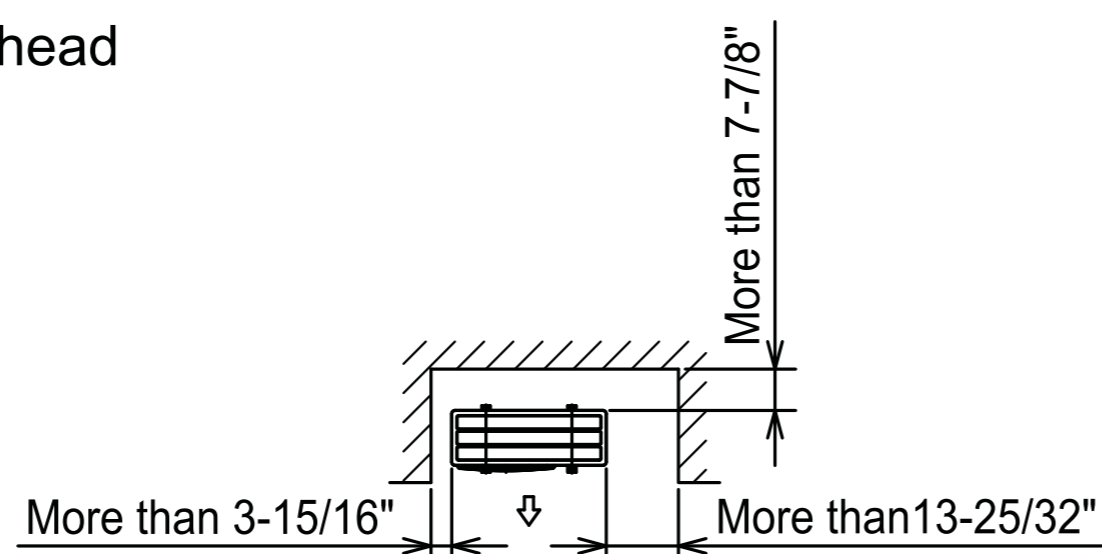


## 1. Installation space

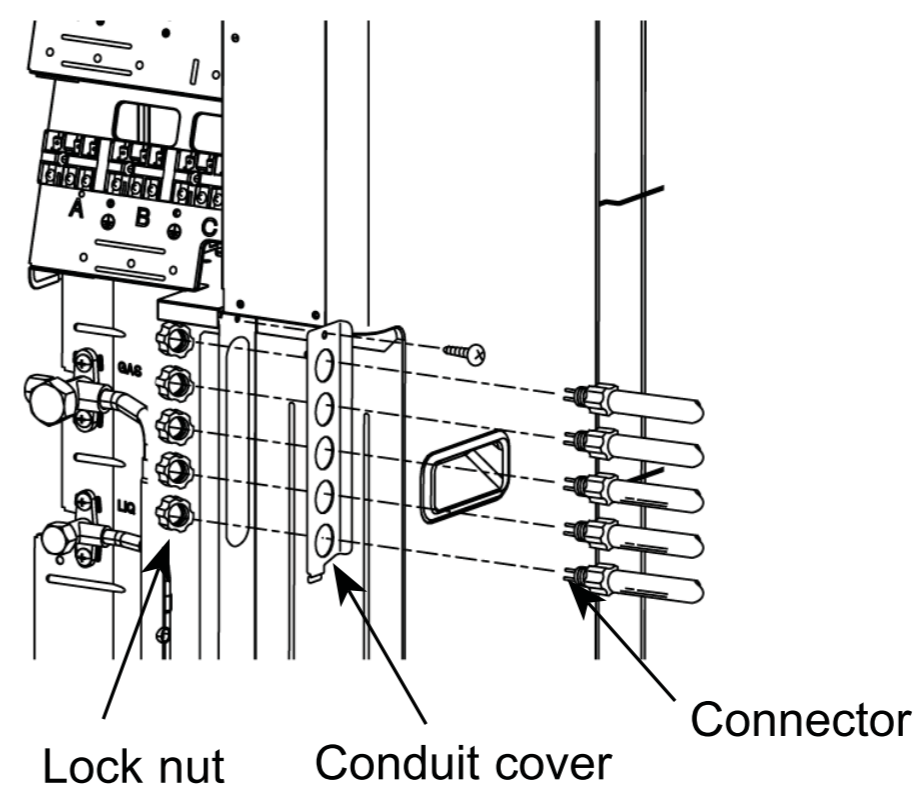
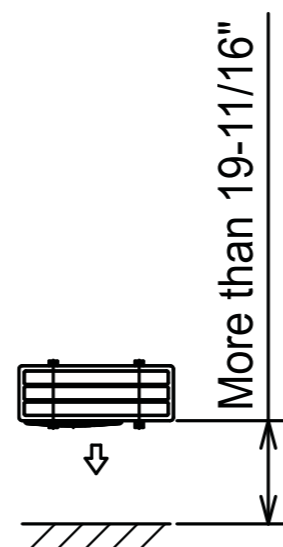
Note : Leave front and both sides clearance fully.



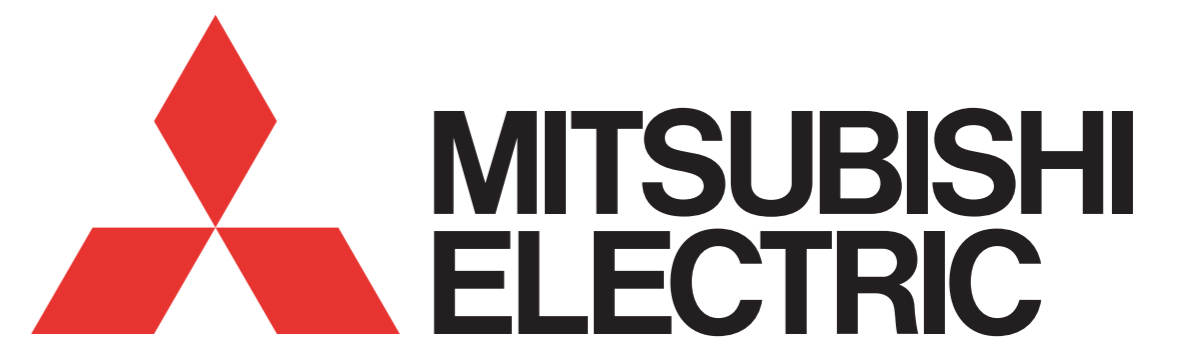
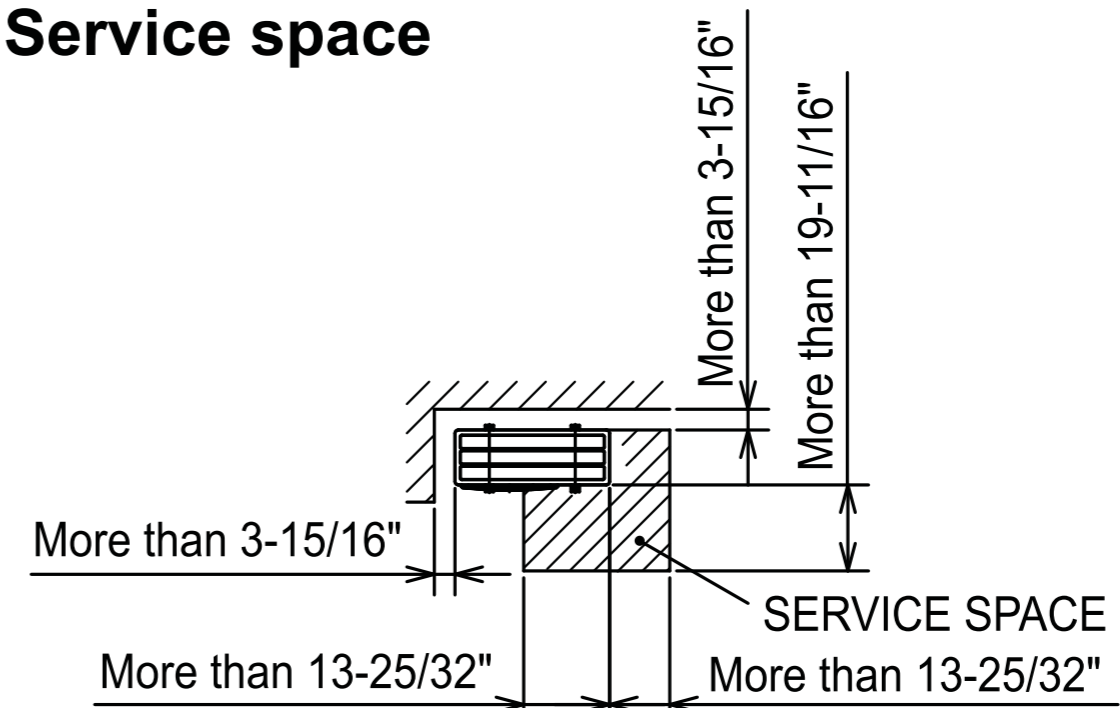
Note : Leave front and overhead clearance fully.



Note : Leave rear, overhead and both sides clearance fully.



## 2. Service space



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