

Job Name:

System Reference:

Date:



MVZ-A36AA4

GENERAL FEATURES:

- Multi-position air handling unit
- Multi-Position installation without any additional kits
- Quiet operation
- Selectable external static pressure settings with capabilities up to 0.80 In. W.G.
- Auto fan speed control: Low, Medium, High
- Indoor unit powered from outdoor unit using A-Control (Optional)
- Auto restart following a power outage
- Limited warranty: five years parts and seven years compressors

ACCESSORIES:

- ☐ Mini-Condensation Pump (SI30-115/230)
- ☐ Maxi Blue Diamond Condensate Pump 230V (X87-721)

SPECIFICATIONS:**Rated Capacity***

Cooling	Btu/h	36,000
Heating at 47° F	Btu/h	40,000

*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 / 60° F (16° C) WB

Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° 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 Power Requirements

208 / 230V, 1-Phase, 60 Hz

Minimum Circuit Ampacity (MCA)

A

4.13

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V

Indoor - Outdoor S2-S3 +/- 24VDC

External Static Pressure

In. WG

0.30 - 0.50 - 0.80

External Finish

High-gloss polyester powder coated

External Dimensions (H x W x D)

In.(mm)

54-1/4 x 21 x 21-5/8
(1,378 x 534 x 548)**Net Weight**

Lbs.(kg)

141 (64)

Sound Pressure Level (Low-Mid-Hi)**Cooling**

dB(A)

35 - 39 - 43

Heating

35 - 39 - 43

Airflow Rate (Low-Mid-Hi)**Cooling (Dry)**

CFM

767 - 931 - 1095

Heating

767 - 931 - 1095

Refrigerant Piping**Liquid (High Pressure)**

In.(mm)

3/8 (9.52)

Gas (Low Pressure)

5/8 (15.88)

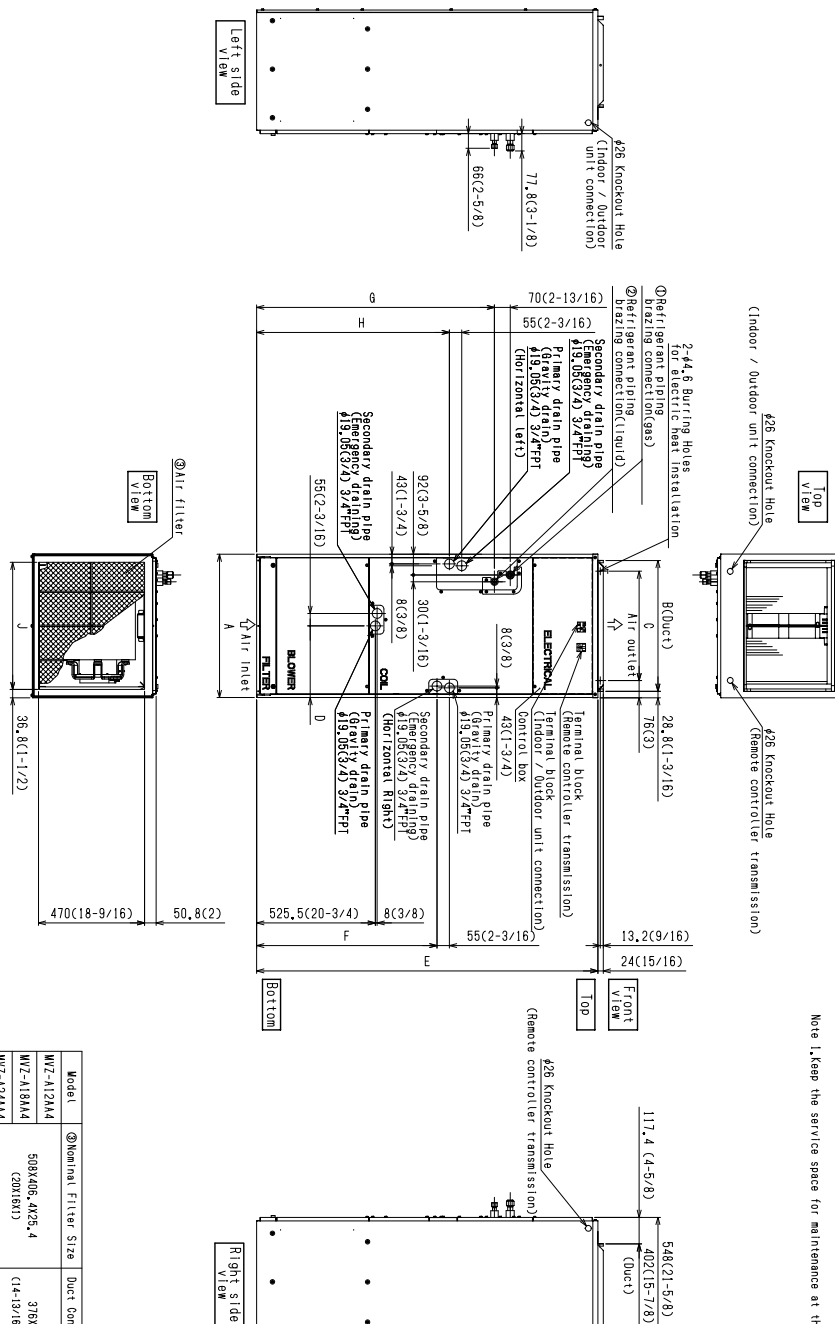
Refrigerant

R410A

Connection Method

Flared

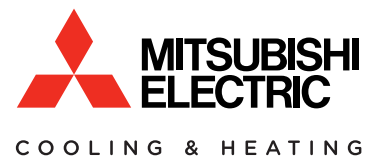
Unit: inch



Note 1. Keep the service space for maintenance at the front.

Model	A	B	C	D	E	F	g	H	J	Unit:mm(°C)	
										①Gas pipe	②Liquid pipe
MW-A12M4	432	316	281	224	1215	680	823	735.5	360	①12.7 (46.5)	②1.9 (6.5)
MW-A18M4	(14-13)	(11-13)	(8-17)	(30-14)	(26-13)	(32-11)	(22-15)	(23)	(14-16)		
MW-A24M4											
MW-A30M4	514	417	382.5	266.5	1318	737	956.5	792	461	①5.88 (49.52)	②5.2 (3.8)
MW-A36M4	(18-13)	(12-13)	(10-17)	(34-14)	(28-14)	(33-14)	(24-13)	(21-16)	(18-13)		

Model	③ Nominal Filter Size	Duct Connection
WVZ-A12AA4	508X406, 4X25.4 (20X16X1)	376X402
WVZ-A18AA4		(14-19/16X15-7/8)
WVZ-A24AA4		
WVZ-A30AA4	508X508/25.4 (20X20X1)	477X402
WVZ-A36AA4		(18-19/16X15-7/8)



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