

**SUBMITTAL DATA: MXZ-8C48NAHZ**  
4-TON MULTI-INDOOR INVERTER HEAT-PUMP SYSTEM

Job Name: *Space Gallery / Goggin Energy*

System Reference:

Date: *5/24/16*

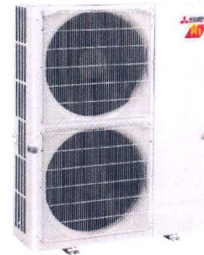
**GENERAL FEATURES**

- Quiet operation
- Built-in base pan heater to prevent ice in drain pan
- M-Net adaptor kits are available as an option\*
- Limited warranty: five years parts and seven years compressors

\*Included standard in PAC-MKA30/50BC Branch Box

**ACCESSORIES**

- 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)
- M-NET Adapter (PAC-IF01MNT-E)
- Drain Socket (PAC-SH71DS-E)
- Airflow Guide (PAC-SH96SG-E)



Outdoor Unit: MXZ-8C48NAHZ

**INVERTER**



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

Specifications			Model Name
Unit Type			MXZ-8C48NAHZ
Cooling* (Non-ducted / Ducted)	Rated Capacity	Btu/h	48,000 / 48,000
	Capacity Range	Btu/h	6,000 - 48,000
	Rated Total Input	W	4,000 / 5,050
Heating at 47°F* (Non-ducted / Ducted)	Rated Capacity	Btu/h	54,000 / 54,000
	Capacity Range	Btu/h	7,200 - 54,000
	Rated Total Input	W	4,220 / 4,990
Heating at 17°F* (Non-ducted/Ducted)	Rated Capacity	Btu/h	40,000 / 43,000
	Maximum Capacity	Btu/h	54,000 / 54,000
	Rated Total Input	W	4,340 / 5,250
Heating at 5°F*	Maximum Capacity	Btu/h	54,000
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)	51
	Heating	dB(A)	54
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. — Eight Ports	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 for Each Indoor Unit		Ft / m	262 (80)
Max. Refrigerant Pipe Height Difference	If IDU is Above ODU	Ft / m	164 (50)
	If IDU is Below ODU	Ft / m	131 (40)
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 are subject to change without notice.

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# SPECIFICATIONS: MXZ-8C48NAHZ, contd.

**Operating Range:**

Outdoor	
Cooling	D.B. 23 to 115° F [ D.B. -5 to 46° C]*1
Heating	D.B. -13 to 70° F [D.B. -25 to 21° 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
<b>Non-ducted</b>	18.9	12.0	11.0	3.75	2.70
<b>Ducted and Non-ducted</b>	16.80	10.75	10.50	3.46	2.55
<b>Ducted</b>	14.7	9.5	10.0	3.17	2.40

**Multi-zone Indoor/Outdoor Combination Table**

	MSZ-FH*	MSZ-GE*	MFZ*	MVZ*	SEZ-KD*	SLZ*	PCA (A24)*	PLA*	PEAD*
<b>MXZ-8C48NAHZ</b>	OK	OK	OK	OK	OK	OK	NO	OK	24, 30, 36 OK

\* Refer to indoor unit submittal.

**Notes:**

- Minimum of two Indoor Units must be connected to the MXZ-8C48NAHZ.
- Minimum installed capacity cannot be less than 12,000 Btu/h.
- System can operate with only one Indoor Unit turned on.
- May connect to any style indoor unit or combination.
- Information provided at 208/230V.

Refer to the MXZ-C Technical & Service Manual for detailed specifications and additional information per Indoor Unit Combination.

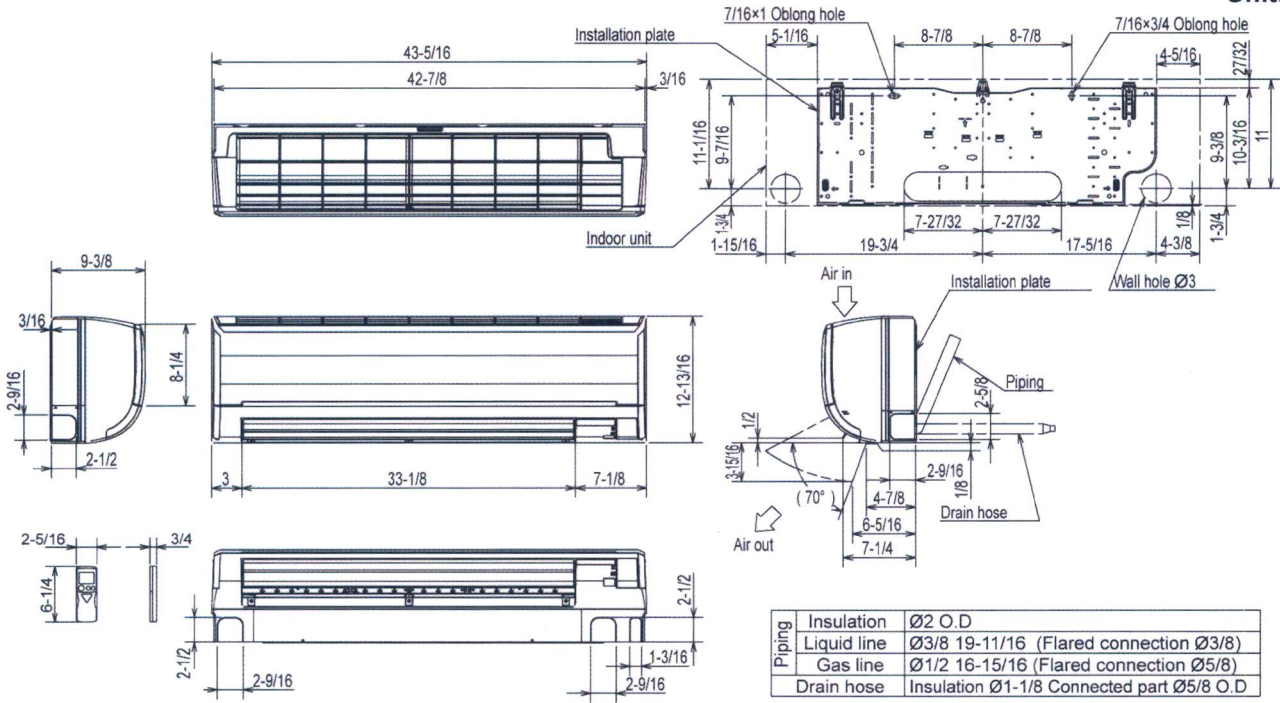
Notes:





# DIMENSIONS: MSZ-GE24NA

Unit: inch



1340 Satellite Boulevard, Suwanee, GA 30024  
Toll Free: 800-433-4822 www.mehvac.com



FORM# MSZ-GE24NA FOR MXZ MULTI-ZONE SYSTEMS- 201603

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