

SUBMITTAL DATA: MSZ-GE12NA-8 & MUZ-GE12NA

12,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
System Designation:	Schedule No.:	



Indoor Unit: MSZ-GE12NA-8



Wireless Remote Controller



Outdoor Unit: MUZ-GE12NA

GENERAL FEATURES

- Wall-mounted indoor unit
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- Auto fan speed control: Quiet, Low, Medium, High, and Super High
- Hand-held Wireless Remote Controller
- Indoor unit powered from outdoor unit using A-Control
- Auto restart following a power outage
- Base heater is available as an option
- Anti-allergy Enzyme Filter
- Limited warranty: five years parts and seven years compressor

ACCESSORIES

Outdoor Unit

- ☐ Base Heater (MAC-640BH-U)
- ☐ Drain Socket Assembly (MAC-860DS)

Indoor Unit

- ☐ Condensate Pump (230V; SI3100-230)

Controller Options

- ☐ Wireless Wall-mounted Remote Controller Kit (MHK1)*
- ☐ Portable Central Controller (MCCH1)*
- ☐ Outdoor Air Sensor (MOS1)*

*See Submittal for information on each option.

- ☐ Wired Wall-mounted Controller (PAR-31MAA requires MAC-333IF)
- ☐ System Control Interface (MAC-333IF)



SPECIFICATIONS: MSZ-GE12NA-8 & MUZ-GE12NA

Cooling*

Rated Capacity 12,000 Btu/h
Minimum Capacity 3,800 Btu/h
SEER 20.5 Btu/h/W
Total Input 960 W

Heating at 47°F*

Rated Capacity 14,400 Btu/h
Minimum Capacity 5,500 Btu/h
HSPF 10.0 Btu/h/W
Total Input 1,170 W

Heating at 17°F*

Rated Capacity 8,800 Btu/h
Rated Total Input 900 W
Maximum Capacity** 11,200 Btu/h
Maximum Total Input 1,200 W

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

**** Maximum Capacity is at full speed and performance for INVERTER-driven System.**

Electrical Requirements

Power Supply 208 / 230V, 1-Phase, 60 Hz
Breaker Size 15 A

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90° F (32° C) DB 73° F (23° 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	-4° F (-20° C) DB -5° F (-21° C) WB

Voltage

Indoor - Outdoor S1-S2 AC 208 / 230V
Indoor - Outdoor S2-S3 DC ±24V
Indoor - Remote Controller MKH1 DC 3V
PAR-31MAA DC 12V

Indoor Unit

MCA 1 A
Blower Motor (ECM) 0.76 F.L.A.
Airflow (Quiet - Lo - Med - Hi - Super Hi)
Cooling 145 - 170 - 237 - 321 - 399 Dry CFM
109 - 134 - 201 - 286 - 364 Wet CFM
Heating 145 - 170 - 237 - 321 - 406 Dry CFM

Sound Pressure Level (Quiet - Lo - Med - Hi - Super Hi)

Cooling 19 - 22 - 30 - 37 - 45 dB(A)
Heating 19 - 22 - 30 - 37 - 43 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-7/16 / 799
D	9-1/8 / 232
H	11-5/8 / 295

Weight 22 lbs. / 10 kg
External Finish Munsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D. 5/8" / 15.88 mm

Outdoor Unit

Compressor DC Inverter-driven
MCA 12 A
Fan Motor (ECM) 0.50 F.L.A.
Sound Pressure Level
Cooling 49 dB(A)
Heating 51 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 286
H	21-5/8 / 549

Weight 77 lbs. / 35 kg
External Finish Munsell No. 3Y 7.8 / 1.1

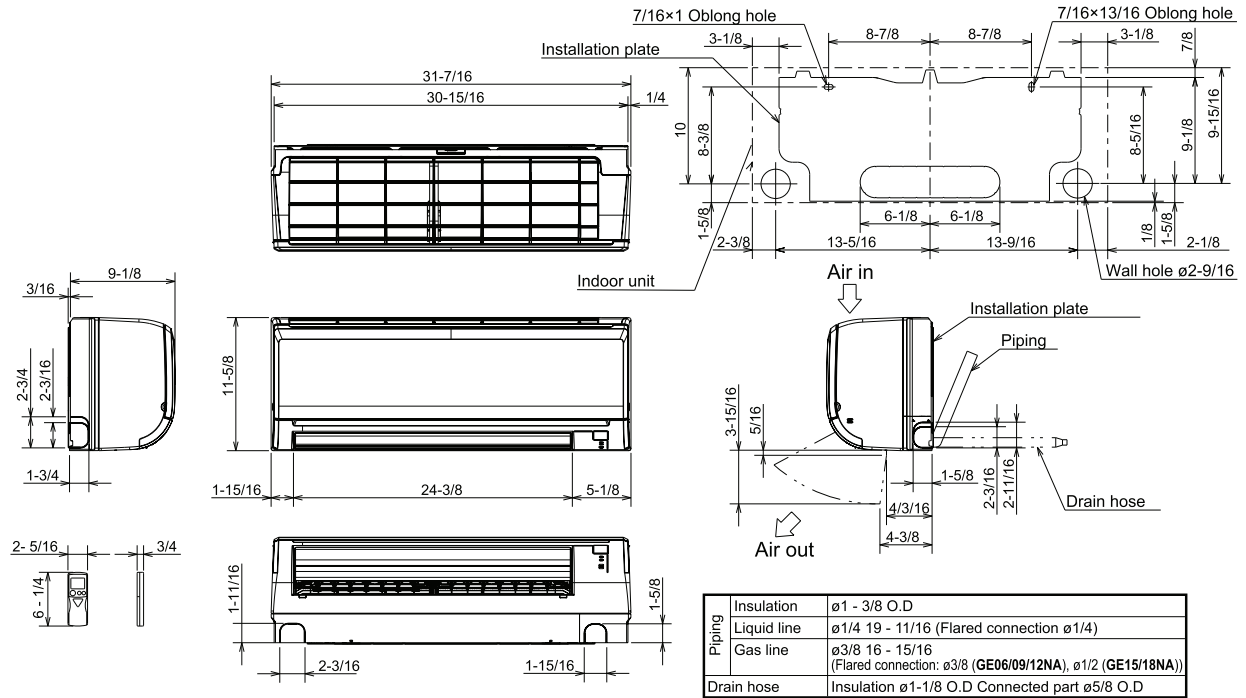
Refrigerant Type R410A
Refrigerant Pipe Size O.D.
Gas Side 3/8" / 9.52 mm
Liquid Side 1/4" / 6.35 mm
Max. Refrigerant Pipe Length 65 ft. / 20 m
Max. Refrigerant Pipe Height Difference 40 ft. / 12 m
Connection Method Flared

Notes:

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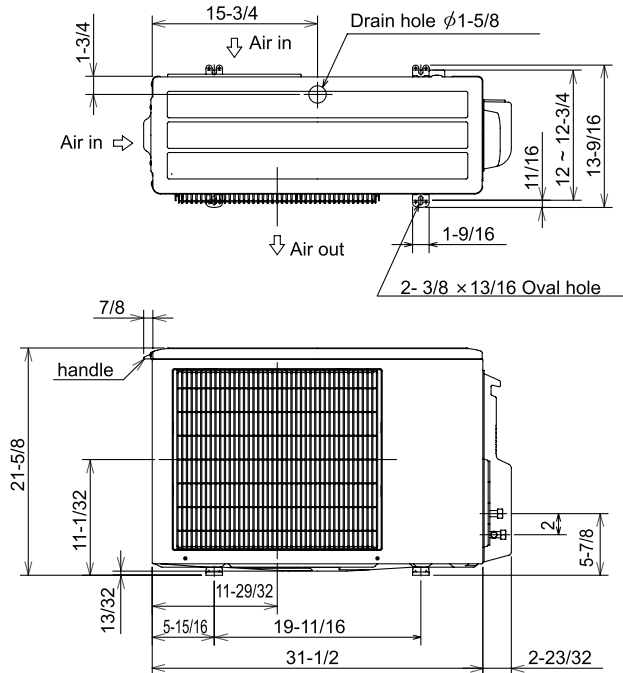
MSZ-GE12NA-8

Unit: inch

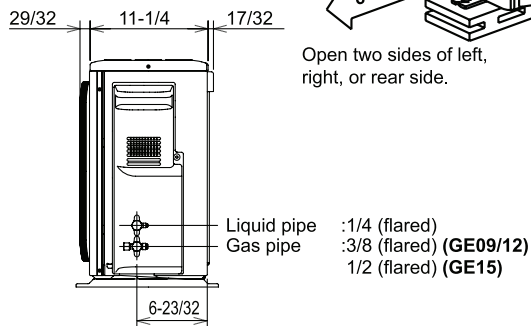
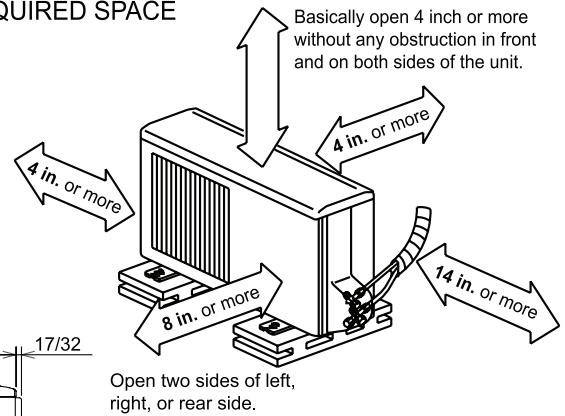


MUZ-GE12NA

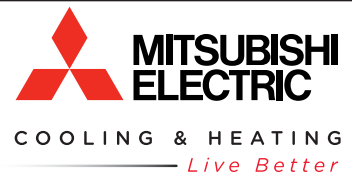
Unit: inch



REQUIRED SPACE



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