

Job Name:

System Reference:

Date:



Indoor Unit: MSZ-GE12NA-8

Wireless Remote  
Controller

Outdoor Unit: MUZ-GE12NA2

**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
- Anti-allergy Enzyme Filter
- Limited warranty: five years parts and seven years compressor

**ACCESSORIES****Indoor Unit**

- ☐ Condensate Pump (BlueDiamond X87-711/721; 115/230V)
- ☐ Condensate Pump (Sauermann SI30-115/230; 115/230V)
- ☐ Anti-Allergy Enzyme Filter (MAC-408FT-E)
- ☐ Drain Pan Level Sensor (DPLS2)

**Outdoor Unit**

- ☐ Three-pole Disconnect Switch (TAZ-MS303)
- ☐ Air Outlet Guide (MAC-889SG)
- ☐ Mounting Base (DSD-400N)
- ☐ Mounting Pad (ULTRILITE1)
- ☐ Wall Mounting Bracket (QSWB2000M-1)

**Controller Options**

- ☐ Wireless Controller (MHK1)
- ☐ Wired Remote Controller PAR-31MAA (Requires MAC-333IF-E)
- ☐ Wireless Interface for kumo cloud™ (PAC-WHS01WF-E)
- ☐ Thermostat Interface (PAC-US444CN-1)

**SPECIFICATIONS****Cooling<sup>1</sup>**

|                           |                      |
|---------------------------|----------------------|
| Rated Capacity.....       | 12,000 Btu/h         |
| Capacity Range.....       | 3,800 - 13,600 Btu/h |
| Rated Total Input .....   | 960 W                |
| Maximum Total Input ..... | 1,300 W              |
| SEER .....                | 22.7 Btu/h/W         |

**Heating at 47° F<sup>2</sup>**

|                           |                      |
|---------------------------|----------------------|
| Rated Capacity.....       | 14,400 Btu/h         |
| Capacity Range.....       | 5,500 - 18,100 Btu/h |
| Rated Total Input .....   | 1,170 W              |
| Maximum Total Input ..... | 1,660 W              |
| HSPF.....                 | 11.4 Btu/h/W         |

**Heating at 17° F<sup>3</sup>**

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

**Heating at 5° F<sup>4</sup>**

|                          |             |
|--------------------------|-------------|
| Maximum Capacity** ..... | 9,194 Btu/h |
|--------------------------|-------------|

<sup>1</sup> Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB\*<sup>1</sup> Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB\*<sup>2</sup> Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB\*<sup>2</sup> Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB\*<sup>3</sup> Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB\*<sup>3</sup> Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB\*<sup>4</sup> Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB<sup>4</sup> Heating at 5° F | Outdoor: 5° F (-15° C) DB / 5° F (-15° C) WB

\* Rating Conditions per AHRI Standard

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

ENERGY STAR®..... Yes  
ENERGY STAR products are third-party certified by an EPA-recognized Certification Body.**Electrical Requirements**Power Supply ..... 208 / 230V, 1-Phase, 60 Hz  
Breaker Size ..... 15 A**Voltage**Indoor - Outdoor S1-S2 ..... AC 208 / 230V  
Indoor - Outdoor S2-S3 ..... DC +/- 24V  
Indoor - Remote Controller..... MHK1 DC 3V  
PAR-31MAA DC 12V  
PAC-YT53CRAU DC 12V**Operating Conditions****Cooling<sup>5</sup>**Indoor Intake Air Temp... (Max.) 90° F (32° C) DB / 73° F (23° C) WB  
(Min.) 67° F (19° C) DB / 57° F (14° C) WBOutdoor Intake Air Temp. .... (Max.) 115° F (46° C) DB  
(Min.) 14° F (-10° C) DB<sup>5</sup> Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.**Heating**Indoor Intake Air Temp. . . (Max.) 80° F (27° C) DB / 67° F (19° C) WB  
(Min.) 70° F (21° C) DB / 60° F (16° C) WBOutdoor Intake Air Temp. . (Max.) 75° F (24° C) DB / 65° F (18° C) WB  
(Min.) -4° F (-20° C) DB / -5° F (-21° C) WB<sup>6</sup><sup>6</sup> System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).**Indoor Unit**MCA..... 1.0 A  
Blower Motor (ECM)..... 0.76 F.L.A.  
Blower Motor Output..... 30 W**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 ..... 19-22-30-37-43 dB(A)

Heating ..... 19-22-30-37-43 dB(A)

External Finish Color ..... Munsell 1.0Y 9.2/0.2

**Dimension Unit**Inches:..... 11-5/8 H x 31-7/16 W x 9-1/8 D  
mm: ..... 295 H x 798 W x 232 D

Weight Unit..... 22 lbs. / 10kg

Field Drainpipe Size O.D. .... 19/32" x 15 mm

**Outdoor Unit**

MCA..... 12 A

Fan Motor (ECM)..... 0.50 F.L.A.

**Sound Pressure Level**

Cooling \*1..... 49 dB(A)

Heating \*2 ..... 51 dB(A)

External Finish Color ..... Munsell 3Y 7.8/1.1

**External Dimensions**Inches:..... 21-5/8 H x 31-1/2 W x 11-1/4 D  
mm: ..... 550 H x 800 W x 285 D

Weight ..... 77lbs. / 35kg

Refrigerant Type ..... R410A

**Refrigerant Pipe**

Gas Side O.D. .... 3/8 " / 9.52 mm

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

**Refrigerant Pipe Length**

Height Difference (Max.) ..... 40' / 12 m

Length (Max.) ..... 65' / 20 m

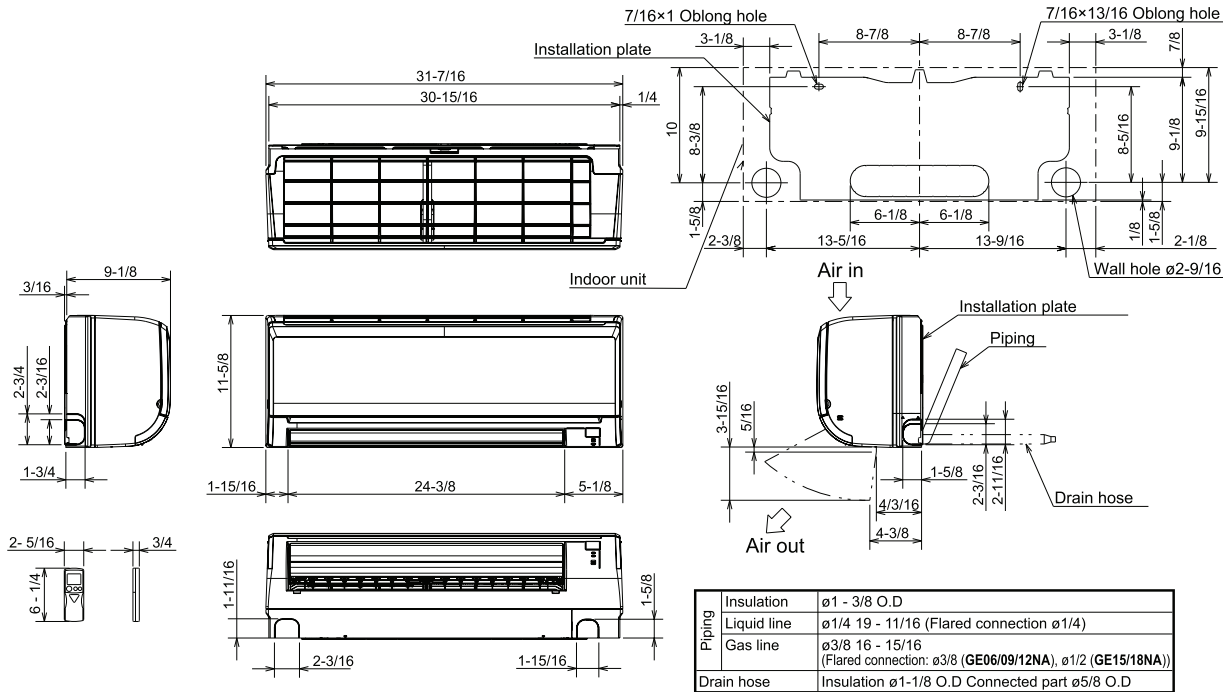
**Connection Method**

Indoor/Outdoor..... Flared

# DIMENSIONS: MSZ-GE12NA-8 & MUZ-GE12NA2

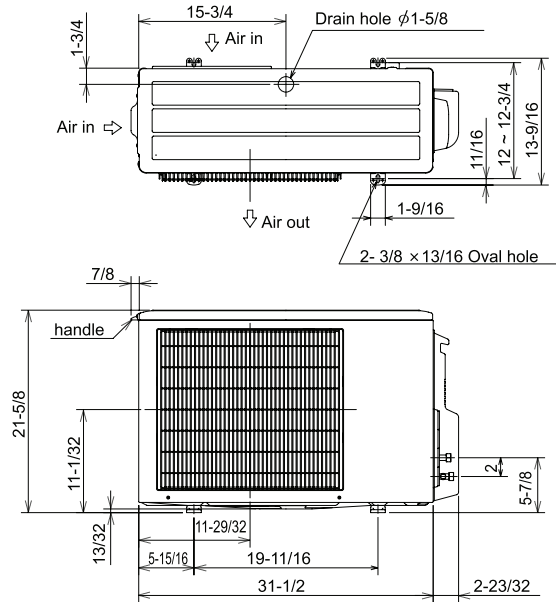
## MSZ-GE12NA-8

Unit: inch



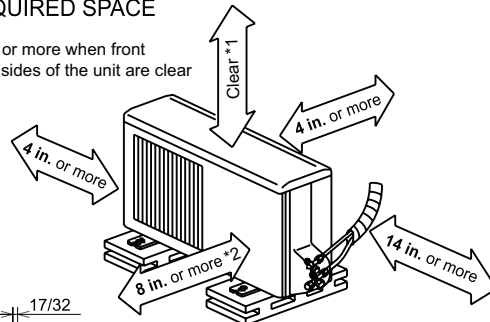
## MUZ-GE12NA2

Unit: inch

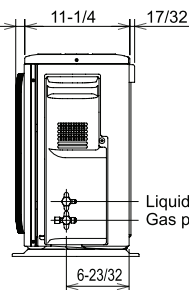


### REQUIRED SPACE

\*1 4 in. or more when front and sides of the unit are clear



\*2 When any 2 sides of left, right and rear of the unit are clear



Liquid pipe : 1/4 (flared)  
Gas pipe : 3/8 (flared) (GE09/12)  
1/2 (flared) (GE15)



COOLING & HEATING

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