

Job Name: _____
 System Reference: _____ Date: _____



Indoor Unit: MSZ-GE12NA-9



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
- 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

Cooling¹

Rated Capacity12,000 Btu/h
 Minimum Capacity3,800 Btu/h
 SEER20.5 Btu/h/W
 Total Input960 W

Heating at 47°F²

Rated Capacity14,400 Btu/h
 Minimum Capacity5,500 Btu/h
 HSPF10.0 Btu/h/W
 Total Input1,170 W

Heating at 17°F³

Rated Capacity8,800 Btu/h
 Rated Total Input900 W
 Maximum Capacity*11,200 Btu/h
 Maximum Total Input1,200 W

¹ Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB

¹ Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB

² Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB

² Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB

³ Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB

³ Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° 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 RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling⁴	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) DB⁵ -5° F (-21° C) WB

⁴ Applications should be restricted to comfort cooling only; equipment cooling applications are not recommended for low ambient temperature conditions.

⁵ System cuts out at -9° F (-27° C) to avoid thermistor error and automatically restarts at -4° F (-20° C).

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

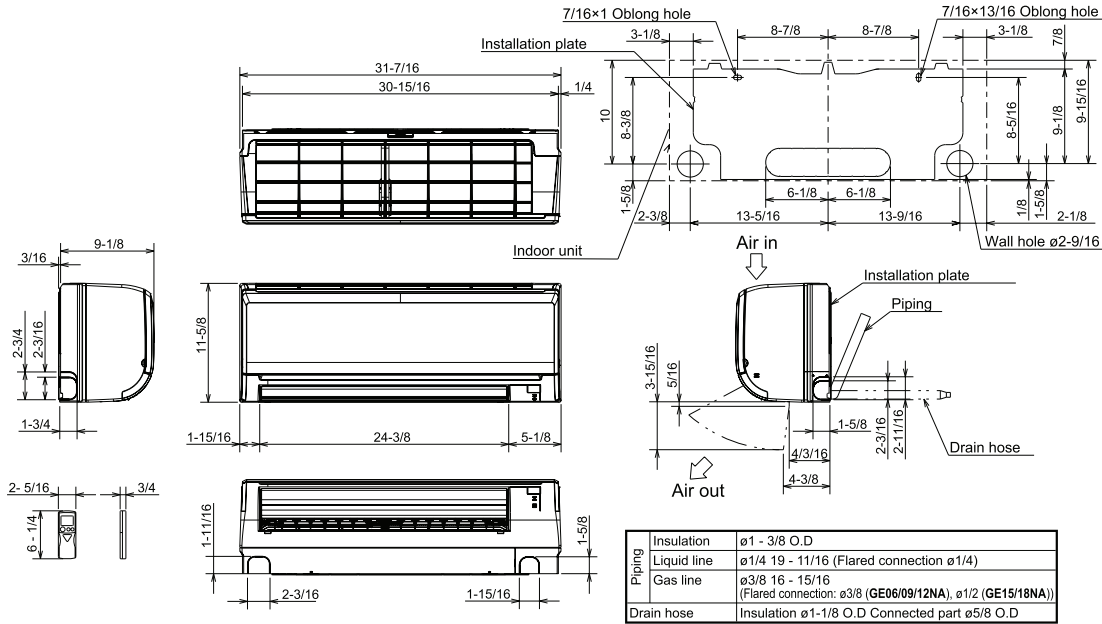
Refrigerant Type R410A
 Refrigerant Pipe Size O.D.

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

DIMENSIONS: MSZ-GE12NA-9 & MUZ-GE12NA

MSZ-GE12NA-9

Unit: inch



MUZ-GE12NA

Unit: inch

