MITSUBISHI ELECTRIC
COOLING & HEATING

ENERGY STAR

M-SERIES

SUBMITTAL DATA: MSZ-GE09NA-8 & MUZ-GE09NA2

9,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-GE09NA-8



Wireless Remote Controller



Outdoor Unit: MUZ-GE09NA2

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

Outdoor Unit

- □ Outdoor Mounting Pad (ULTRILITE1)
- □ Drain Pan Heater (MAC-640BH-U)
- □ 3-1/4" Mounting Base [Pair] (DSD-400P)
- □ Drain Pan Socket (MAC-860DS)
- □ Air Outlet Guide (MAC-889SG)
- □ Wall Mounting Bracket (CWMB1)

Indoor Unit

- □ BlueDiamond MaxiBlue Condensate Pump (X87-721, 230V)
- □ Sauermann Condensate Pump (SI30-230, 230V)
- □ Anit-Allergy Enzyme Filter (MAC-408FT-E)
- □ Platinum Catalyst Deodorizing Filter (MAC-308FT-E)
- □ Drain Pan Level Sensor (DPLS1)

Controller Options

- □ Wireless Wall-mounted Remote Controller Kit (MHK1)*
- □ Portable Central Controller (MCCH1)*
- □ Outdoor Air Sensor (MOS1)*
- □ Wired Wall-mounted Controller (PAR-31MAA requires MAC-333IF)*
- □ Simple MA Remote Controller (PAC-YT53CRAU requires MAC-333IF)*

*See Submittal for information on each option.

- □ System Control Interface (MAC-333IF)

R410A INVERTER

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SPECIFICATIONS: MSZ-GE09NA-8 & MUZ-GE09NA2

Cooling *1
- Rated Capacity....9,000 Btu/h
- Capacity Range....3,800 - 12,200 Btu/h
- Rated Total Input ....660 W
- Maximum Total Input ....1,200 W
- SEER .... 23.2 Btu/h/W

Heating at 47° F *2
- Rated Capacity....10,900 Btu/h
- Capacity Range....4,500 - 14,100 Btu/h
- Rated Total Input ....760 W
- Maximum Total Input ....1,200 W
- HSPF....11.0 Btu/h/W

Heating at 17° F *3
- Rated Capacity....6,600 Btu/h
- Maximum Capacity....8,700 Btu/h
- Rated Total Input ....700 W
- Maximum Total Input ....950 W

Heating at 5° F
- Maximum Capacity....7,061 Btu/h

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

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
Indoor Intake Air Temp. . .(Max.) 90º F (32º C) DB / 73º F (23º C) WB
(Min.) 67º F (19º C) DB / 57º F (14º C) WB

Outdoor Intake Air Temp. . . . . (Max.) 115º F (46º C) DB
(Min.) 14º F (-10º C) DB

Heating
Indoor Intake Air Temp. . .(Max.) 80º F (27º C) DB / 67º F (19º C) WB
(Min.) 70º F (21º C) DB / 60º F (16º C) WB

Outdoor Intake Air Temp. (Max.)75º F (24º C) DB / 65º F (18º C) WB
(Min.) -4º F (-20º C) DB / -5º F (-21º C) WB

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....46 dB(A)
- Heating *2 ....50 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 ....66 lbs. / 30kg

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

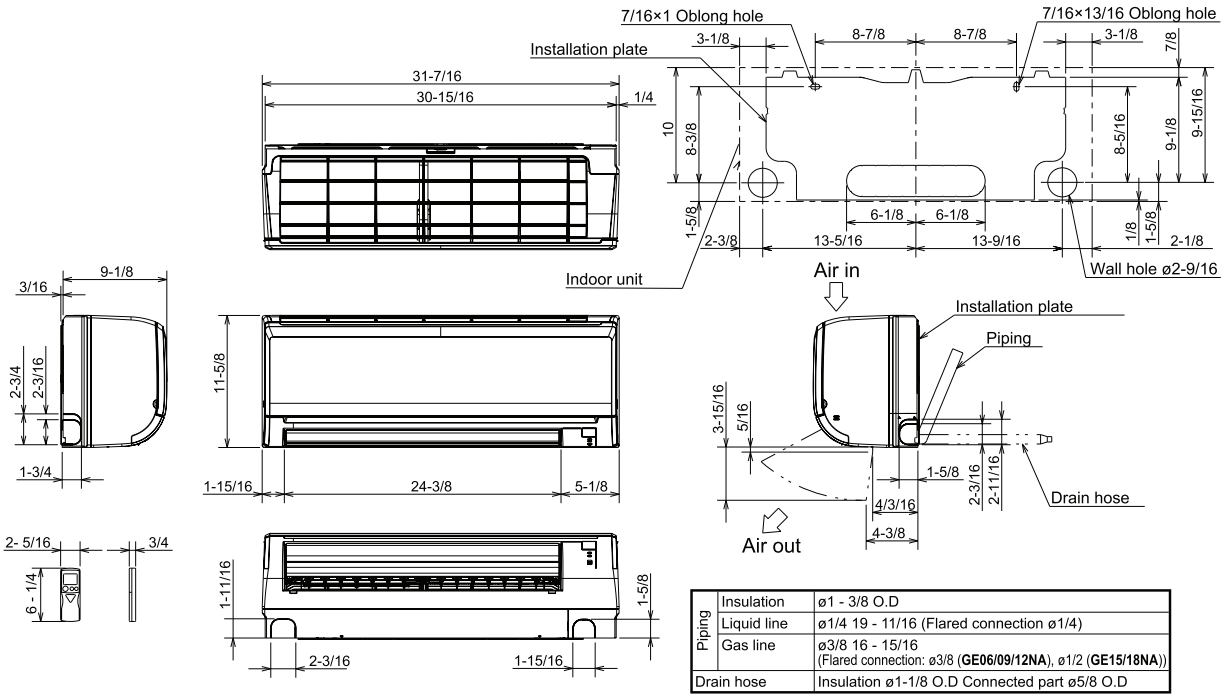
Notes:

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DIMENSIONS: MSZ-GE09NA-8 & MUZ-GE09NA2

MSZ-GE09NA-8

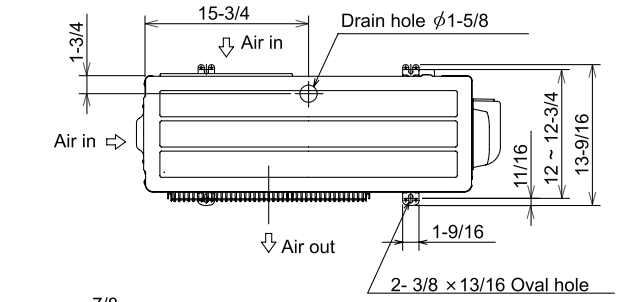
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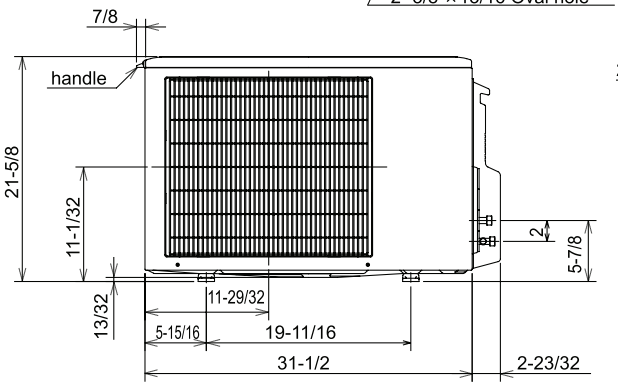


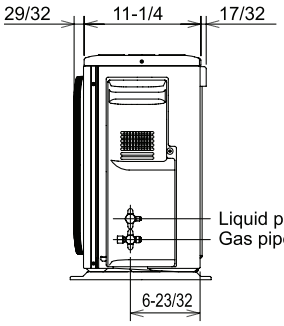
Piping	Insulation	ø1 - 3/8 O.D
	Liquid line	ø1/4 19 - 11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16 - 15/16 (Flared connection: ø3/8 (**GE06/09/12NA**), ø1/2 (**GE15/18NA**))
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

MUZ-GE09NA2

Unit: inch



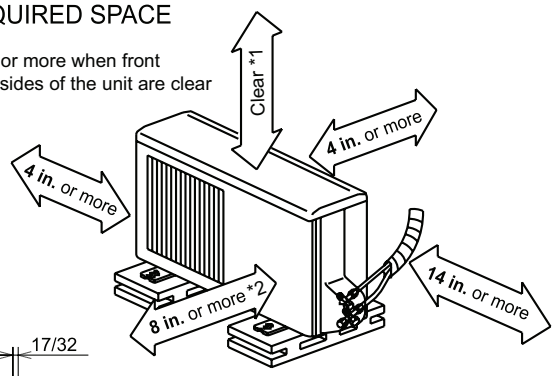




Liquid pipe :1/4 (flared)
Gas pipe :3/8 (flared) **(GE09/12)**
1/2 (flared) **(GE15)**

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

AHRI CERTIFIED www.ahridirectory.org Unitary Small HP AHRI Standard 210/240 Certification applies only when the complete system is listed with AHRI

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