MITSUBISHI ELECTRIC
COOLING & HEATING

M-SERIES

SUBMITTAL DATA: MSZ-HE12NA & MUZ-HE12NA

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

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HE12NA



Outdoor Unit: MUZ-HE12NA



Wireless Remote Controller

GENERAL FEATURES

- Wall-mounted indoor unit
- Single connection only
- Auto fan speed control: Low, Medium, High, and Super High
- Hand-held Wireless Remote Controller
- 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)
- ☐ Drain Pan Level Sensor (DPLS1)

SPECIFICATIONS

Cooling*1

Rated Capacity....12,000 Btu/h
Maximum Capacity....12,200 Btu/h
SEER....18.0 Btu/h/W
Total Input....960 (205-1,300) W

Heating at 47° F*2

Rated Capacity....12,200 Btu/h
Maximum Capacity....14,500 Btu/h
HSPF....8.5 Btu/h/W
Total Input....1,170 (340-1,660) W

Heating at 17° F*3

Rated Capacity....7,500 Btu/h
Rated Total Input....710 W
Maximum Capacity....9,000 Btu/h

Heating at 5° F*4

Maximum Capacity....7,300 Btu/h

Electrical Requirements

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

Voltage

Indoor - Outdoor S1-S2....AC 208 / 230 V
Indoor - Outdoor S2-S3....DC ±24 V
Indoor - Remote Controller....DC ±24 V

Indoor Unit

MCA....1.0 A
Blower Motor (ECM)....0.76 F.L.A.

Airflow (Lo - Med - Hi - Super Hi)
  Cooling....170-237-321-399 Dry CFM
  134-201-286-364 Wet CFM
  Heating....170-237-321-406 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Super Hi)
  Cooling....22-30-37-45 dB(A)
  Heating....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.....5/8" x 15.88 mm

Outdoor Unit

MCA....12 A
MOCP....15 A
Fan Motor (ECM)....0.50 F.L.A.
Compressor....DC Inverter-driven Twin Rotary
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....77 lbs. / 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

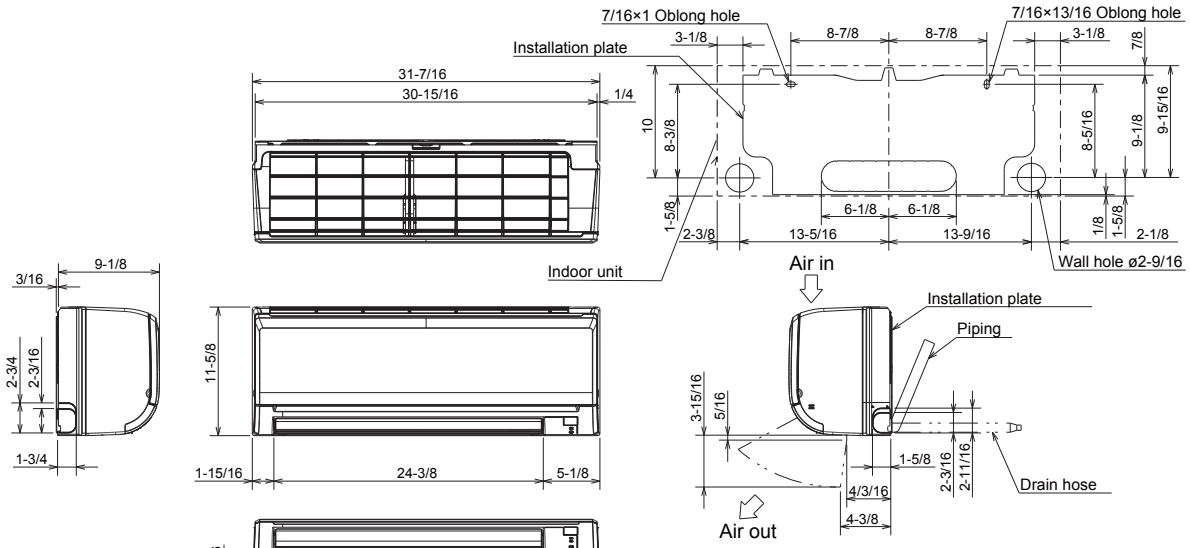
Rating Conditions:

*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

Specifications are subject to change without notice.
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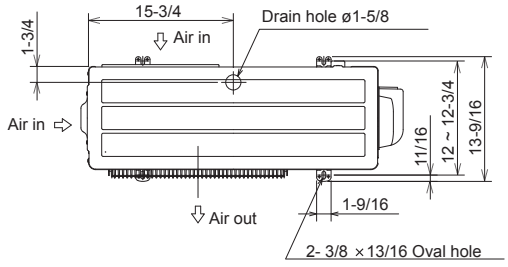
DIMENSIONS: MSZ-HE12NA-8 & MUZ-HE12NA

MSZ-HE12NA



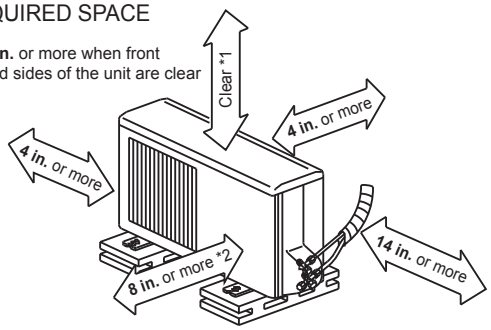
Piping	Insulation	ø1 - 3/8 O.D
	Liquid line	ø1/4 19 - 11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16 - 15/16 (Flared connection: ø3/8 (**HE09/12NA**), ø1/2 (**HE15/18NA**))
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

MUZ-HE12NA

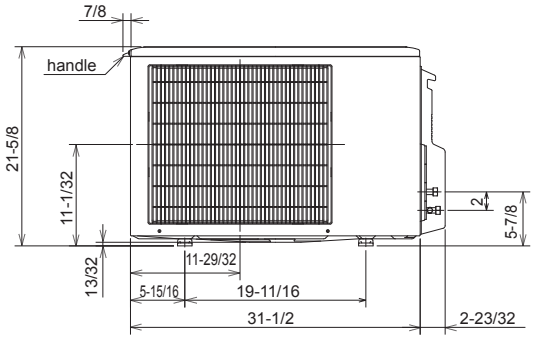


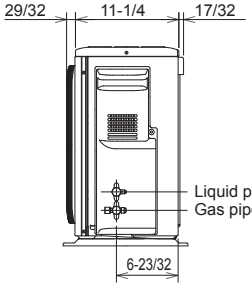
REQUIRED SPACE

*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) **(HE09/12)**
1/2 (flared) **(HE15)**

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AHRI Standard 210/240
Certification applies only when the complete system is listed with AHRI.

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INVERTER

R410A

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