MITSUBISHI ELECTRIC
COOLING & HEATING

M-SERIES

SUBMITTAL DATA: MSZ-HE24NA & MUZ-HE24NA

24,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HE24NA



Wireless Remote Controller



Outdoor Unit: MUZ-HE24NA

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-642BH-U)
- □ 3-1/4" Mounting Base [Pair] (DSD-400P)
- □ Drain Pan Socket (MAC-851DS)
- □ Air Outlet Guide (MAC-886SG-E)
- □ 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)

SPECIFICATIONS

Cooling*1

Rated Capacity.....22,500 Btu/h
Maximum Capacity.....22,500 Btu/h
SEER.....18.0 Btu/h/W
Total Input.....1,800 (570- 3,580) W

Heating at 47° F*2

Rated Capacity.....26,600 Btu/h
Maximum Capacity.....30,000 Btu/h
HSPF.....8.5 Btu/h/W
Total Input.....2,340 (520- 3,650)W

Heating at 17° F*3

Rated Capacity.....16,400 Btu/h
Rated Total Input.....1.630 W
Maximum Capacity.....20,000 Btu/h

Heating at 5° F*4

Maximum Capacity.....17,100 Btu/h

Electrical Requirements

Power Supply.....208 / 230V, 1-Phase, 60 Hz
Breaker Size.....20 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.....388-470-544-629 Dry CFM
  347-420-486-562 Wet CFM
  Heating.....360-470-544-629 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Super Hi)
  Cooling.....34-41-45-49 dB(A)
  Heating.....32-41-45-49 dB(A)
External Finish Color.....Munsell 1.0Y 9.2/0.2
Dimension Unit
  Inches:.....12-13/16 H x 43-5/16 W x 9-3/8 D
  mm:.....325 H x 1,100 W x 238 D
Weight Unit.....37 lbs. / 17 kg
Field Drainpipe Size O.D.....5/8" x 15.88 mm

Outdoor Unit

MCA.....17.1 A
MOCP.....20 A
Fan Motor (ECM).....0.93 F.L.A.
Compressor.....DC Inverter-driven Twin Rotary
Sound Pressure Level
  Cooling *1.....55 dB(A)
  Heating *2.....55 dB(A)
External Finish Color.....Munsell 3Y 7.8/1.1
External Dimensions
  Inches:.....34-5/8 H x 33-1/16 W x 13 D
  mm:.....880 H x 840 W x 330 D
Weight.....119 lbs. / 54kg
Refrigerant Type.....R410A
Refrigerant Pipe
  Gas Side O.D.....5/8" / 15.88 mm
  Liquid Side O.D.....3/8" / 6.35 mm
Refrigerant Pipe Length
  Height Difference (Max.).....50' / 15 m
  Length (Max.).....100' / 30 m
Connection Method
  Indoor/Outdoor.....Flared

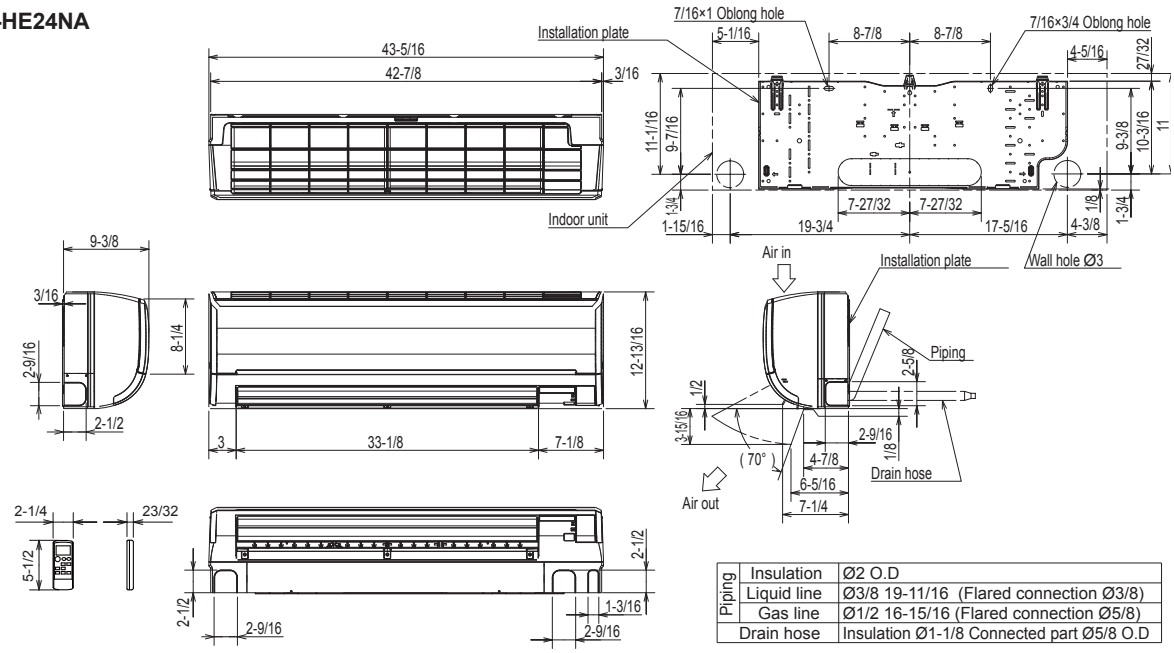
Rating Conditions:

*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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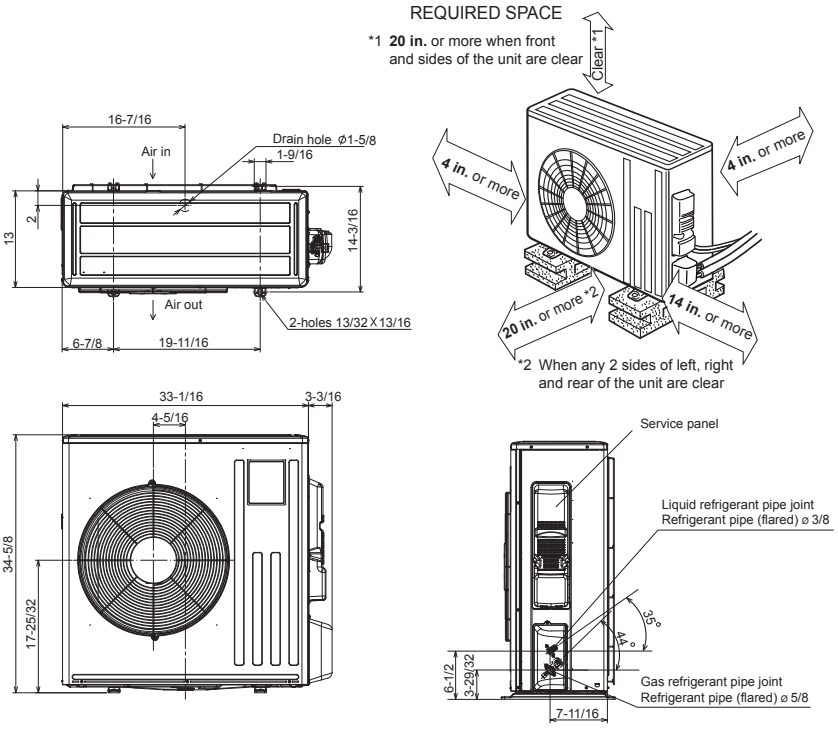
DIMENSIONS: MSZ-HE24NA & MUZ-HE24NA

MSZ-HE24NA



Piping		
	Insulation	Ø2 O.D
	Liquid line	Ø3/8 19-11/16 (Flared connection Ø3/8)
	Gas line	Ø1/2 16-15/16 (Flared connection Ø5/8)
	Drain hose	Insulation Ø1-1/8 Connected part Ø5/8 O.D

MUZ-HE24NA



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

ETL LISTED US
Intertek

INVERTER

R410A

ENERGY STAR PARTNER

MITSUBISHI ELECTRIC
COOLING & HEATING

1340 Satellite Boulevard
Suwanee, GA 30024
Toll Free: 800-433-4822
www.mehvac.com

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