MITSUBISHI ELECTRIC
COOLING & HEATING

M-SERIES

SUBMITTAL DATA: MSZ-HE15NA & MUZ-HE15NA

15,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HE15NA



Outdoor Unit: MUZ-HE15NA



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.....14,000 Btu/h
Maximum Capacity.....16,000 Btu/h
SEER.....18.0 Btu/h/W
Total Input.....1,080 (160-2,000) W

Heating at 47° F*2

Rated Capacity.....18,000 Btu/h
Maximum Capacity.....18,500 Btu/h
HSPF.....8.5 Btu/h/W
Total Input.....1,600 (270-2,010) W

Heating at 17° F*3

Rated Capacity.....11,100 Btu/h
Rated Total Input.....1,150 W
Maximum Capacity.....14,000 Btu/h

Heating at 5° F*4

Maximum Capacity.....11,400 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.....272-335-420-533 Dry CFM
  237-300-385-498 Wet CFM
  Heating.....247-304-367-463 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Super Hi)
  Cooling.....32-38-44-49 dB(A)
  Heating.....30-35-40-46 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.....80 lbs. / 36 kg
Refrigerant Type.....R410A
Refrigerant Pipe
  Gas Side O.D.....1/2" / 12.7 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

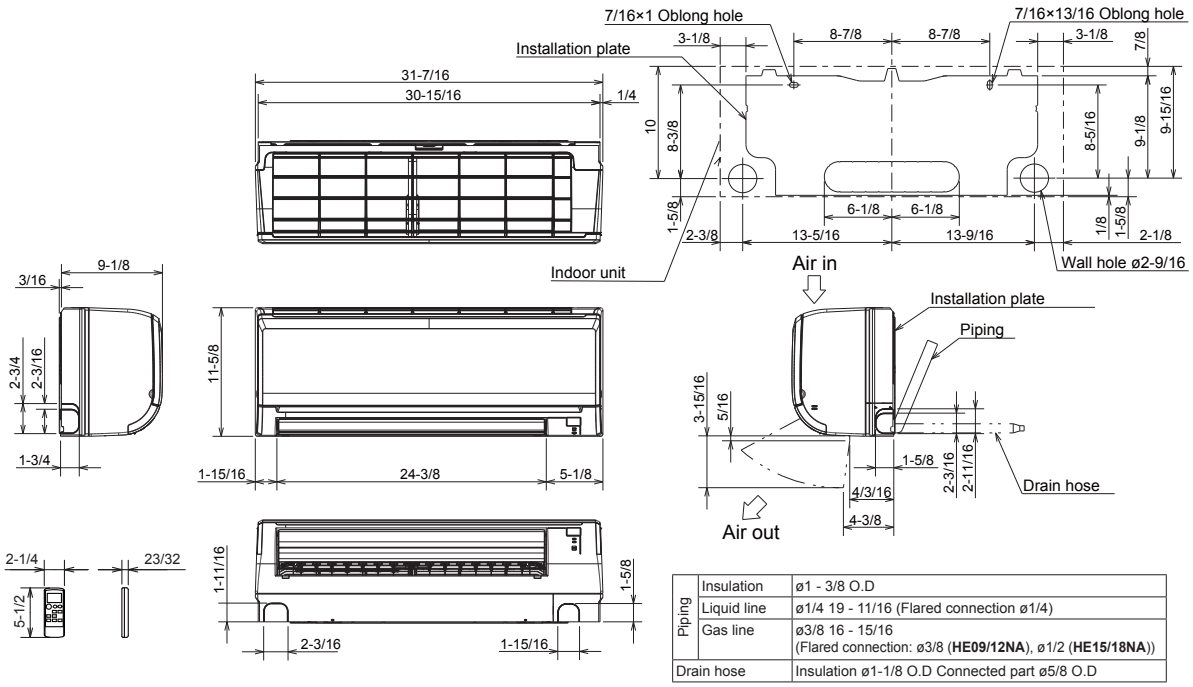
Rating Conditions:

*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.
© 2014 Mitsubishi Electric US, Inc.

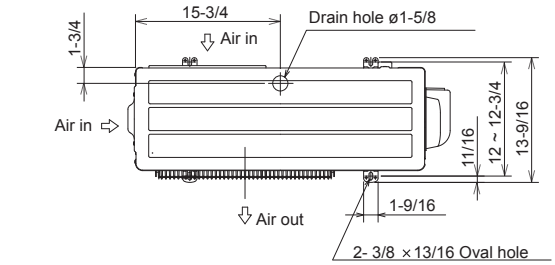
DIMENSIONS: MSZ-HE15NA & MUZ-HE15NA

MSZ-HE15NA



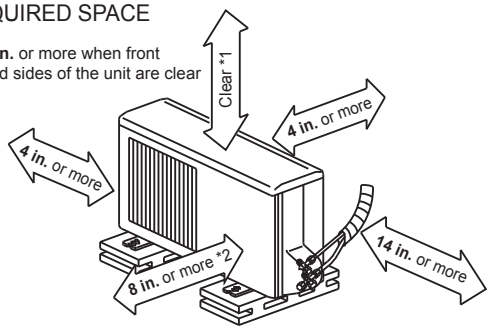
Piping	Insulation	ø1 - 3/8 O.D
	Liquid line	ø1/4 19 - 11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16 - 15/16 (Flared connection: ø3/8 (**HE09/12NA**), ø1/2 (**HE15/18NA**))
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

MUZ-HE15NA

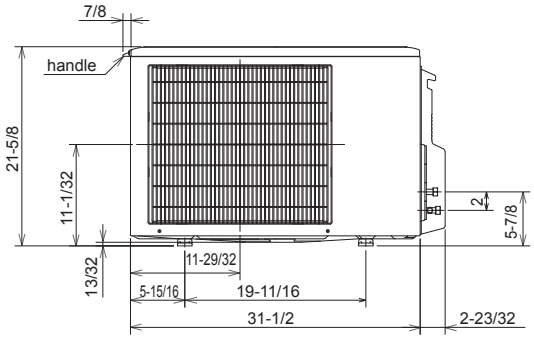


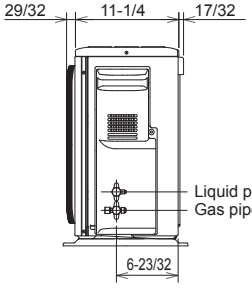
REQUIRED SPACE

*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.

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

FORM# MSZ-HE15NA ~ MUZ-HE15NA - 201407

Specifications are subject to change without notice.

© 2014 Mitsubishi Electric US, Inc.