MITSUBISHI ELECTRIC
COOLING & HEATING

M-SERIES

SUBMITTAL DATA: MSZ-HE18NA & MUZ-HE18NA

18,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name:	
System Reference:	Date:



Indoor Unit: MSZ-HE18NA



Outdoor Unit: MUZ-HE18NA



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-641BH-U)
- ☐ 3-1/4" Mounting Base [Pair] (DSD-400P)
- ☐ Drain Pan Socket (MAC-811DS)
- ☐ 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	17,200 Btu/h
Maximum Capacity	18,000 Btu/h
SEER	18.0 Btu/h/W
Total Input	1,640 (240-2,070) W

Heating at 47° F*2

Rated Capacity	18,000 Btu/h
Maximum Capacity	20,900 Btu/h
HSPF	8.5 Btu/h/W
Total Input	1,900 (230-2,680) W

Heating at 17° F*3

Rated Capacity	11,100 Btu/h
Rated Total Input	1,140 W
Maximum Capacity	14,200 Btu/h

Heating at 5° F*4

Maximum Capacity	11,200 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	275-339-420-533 Dry CFM 240-304-385-498 Wet CFM
Heating	275-339-431-512 Dry CFM
Sound Pressure Level (Lo - Med - Hi - Super Hi)	
Cooling	33-38-44-49 dB(A)
Heating	33-38-43-48 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	14 A
MOCP	15 A
Fan Motor (ECM)	0.93 F.L.A.
Compressor	DC Inverter-driven Twin Rotary
Sound Pressure Level	
Cooling *1	54 dB(A)
Heating *2	56 dB(A)
External Finish Color	Munsell 3Y 7.8/1.1
External Dimensions	
Inches:	33-1/16 H x 33-7/16 W x 13 D
mm:	840 H x 849 W x 330 D
Weight	119 lbs. / 54 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.)	50' / 15 m
Length (Max.)	100' / 30 m
Connection Method	
Indoor/Outdoor	Flared

Rating Conditions:

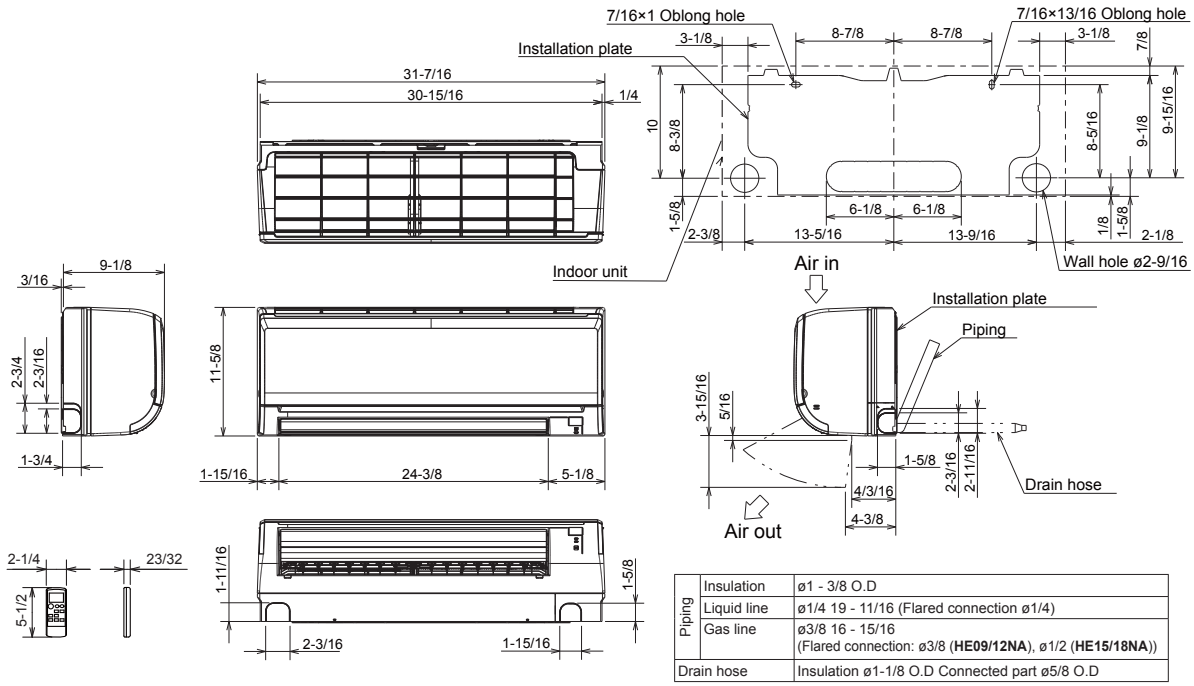
*1 Cooling | Indoor: 80º F (27º C) DB / 67º F (19º C) WB
*1 Cooling | Outdoor: 95º F (35º C) DB / 75º F (24º C) WB
*2 Heating at 47ºF | Indoor: 70º F (21º C) DB / 60º F (16º C) WB
*2 Heating at 47ºF | Outdoor: 47º F (8º C) DB / 43º F (6º C) WB
*3 Heating at 17º F | Indoor: 70º F (21º C) DB / 60º F (16º 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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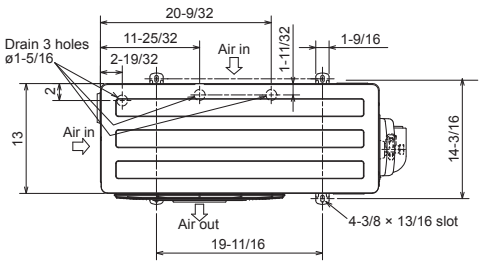
DIMENSIONS: MSZ-HE18NA & MUZ-HE18NA

MSZ-HE18NA



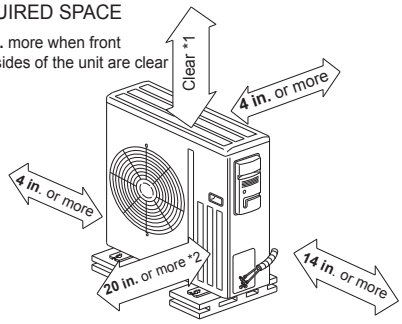
Piping	Insulation	ø1 - 3/8 O.D
	Liquid line	ø1/4 19 - 11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16 - 15/16 (Flared connection: ø3/8 (**HE09/12NA**), ø1/2 (**HE15/18NA**))
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

MUZ-HE18NA

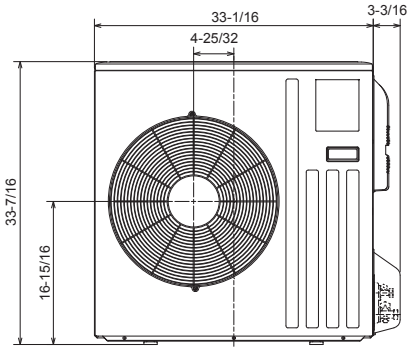


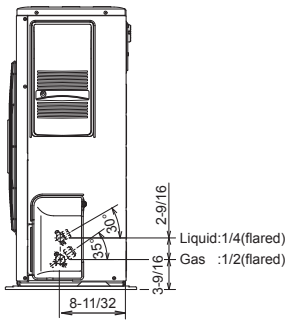
REQUIRED SPACE

*1 **20 in.** 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





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AHRI Standard 210/240
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INVERTER

R410A

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