

SUBMITTAL DATA: MSZ-GE15NA-8 & MUZ-GE15NA-1

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

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For <input type="checkbox"/> Reference <input type="checkbox"/> Approval <input type="checkbox"/> Construction	
System Designation:	Schedule No.:	



Indoor Unit: MSZ-GE15NA-8



Outdoor Unit: MUZ-GE15NA-1



Wireless Remote Controller



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
- Base heater is available as an option
- Anti-allergy Enzyme Filter
- Limited warranty: five years parts and seven years compressor

ACCESSORIES

Outdoor Unit

- Base Heater (MAC-640BH-U)
- Drain Socket Assembly (MAC-860DS)

Indoor Unit

- Condensate Pump (230V; SI3100-230)

Controller Options

- Wireless Wall-mounted Remote Controller Kit (MHK1)*
- Portable Controller (MCCH1)*
- Outdoor Air Sensor (MOS1)*

*See Submittal for information on each option.

- Wired Wall-mounted Controller (PAR-21MAAU requires MAC-333IF)
- System Control Interface (MAC-333IF)



SPECIFICATIONS: MSZ-GE15NA-8 & MUZ-GE15NA-1

Cooling*
 Rated Capacity 14,000 Btu/h
 Minimum Capacity 3,100 Btu/h
 SEER 21.0 Btu/h/W
 Total Input 1,080 W

Heating at 47°F*
 Rated Capacity 18,000 Btu/h
 Minimum Capacity 4,800 Btu/h
 HSPF 10.0 Btu/h/W
 Total Input 1,600 W

Heating at 17°F*
 Rated Capacity 11,300 Btu/h
 Rated Total Input 1,150 W
 Maximum Capacity** 15,900 Btu/h
 Maximum Total Input 1,950 W

*** Rating Conditions per AHRI Standard**
 Cooling | Indoor: 80° F (27° C) DB / 67° F (19° C) WB
 Cooling | Outdoor: 95° F (35° C) DB / 75° F (24° C) WB
 Heating at 47°F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB
 Heating at 47°F | Outdoor: 47° F (8° C) DB / 43° F (6° C) WB
 Heating at 17° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB
 Heating at 17° F | Outdoor: 17° F (-8° C) DB / 15° F (-9° C) WB

**** Maximum Capacity is at full speed and performance for INVERTER-driven System.**

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

OPERATING RANGE

		Indoor Intake Air Temp.	Outdoor Intake Air Temp.
Cooling	Maximum	90° F (32° C) DB 73° F (23° C) WB	115° F (46° C) DB
	Minimum	67° F (19° C) DB 57° F (14° C) WB	14° F (-10° C) DB
Heating	Maximum	80° F (27° C) DB 67° F (19° C) WB	75° F (24° C) DB 65° F (18° C) WB
	Minimum	70° F (21° C) DB 60° F (16° C) WB	-4° F (-20° C) DB -5° F (-21° C) WB

Voltage
 Indoor - Outdoor S1-S2 AC 208 / 230V
 Indoor - Outdoor S2-S3 DC ±24V
 Indoor - Remote Controller MHK1 DC 3V
 PAR-21MAAU DC 12V
 PAR-FL32MA DC 3V

Indoor Unit
 MCA 1 A
 Blower Motor (ECM) 0.76 F.L.A.
 Airflow (Quiet - Lo - Med - Hi - Super Hi)
 Cooling 205 - 272 - 335 - 420 - 533 Dry CFM
 170 - 237 - 300 - 385 - 498 Wet CFM
 Heating 205 - 247 - 304 - 367 - 463 Dry CFM
 Sound Pressure Level (Quiet - Lo - Med - Hi - Super Hi)
 Cooling 26 - 32 - 38 - 44 - 49 dB(A)
 Heating 26 - 30 - 35 - 40 - 46 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-7/16 / 799
D	9-1/8 / 232
H	11-5/8 / 295

Weight 22 lbs. / 10 kg
 External Finish Munsell No. 1.0Y 9.2 / 0.2
 Field Drainpipe Size O.D. 5/8" / 15.88 mm

Outdoor Unit
 Compressor DC Inverter-driven Twin Rotary
 MCA 12 A
 Fan Motor (ECM) 0.50 F.L.A.
 Sound Pressure Level
 Cooling 49 dB(A)
 Heating 51 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 286
H	21-5/8 / 549

Weight 80 lbs. / 37 kg
 External Finish Munsell No. 3Y 7.8 / 1.1

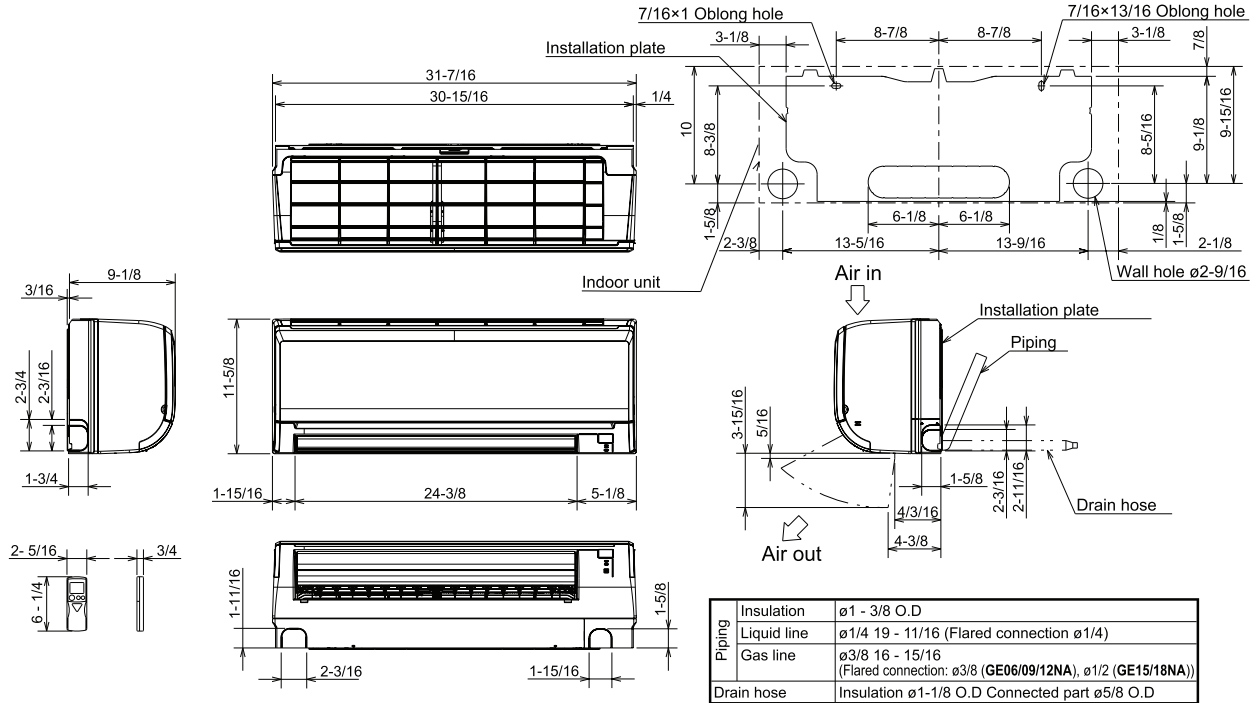
Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 1/2" / 12.7 mm
 Liquid Side 1/4" / 6.35 mm
 Max. Refrigerant Pipe Length 65 ft. / 20 m
 Max. Refrigerant Pipe Height Difference 40 ft. / 12 m
 Connection Method Flared

Notes:

DIMENSIONS: MSZ-GE15NA-8 & MUZ-GE15NA-1

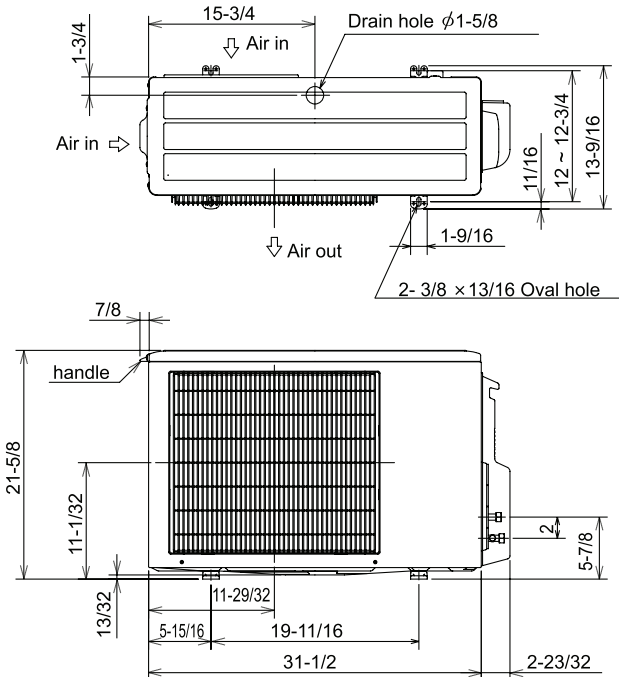
MSZ-GE15NA-8

Unit: inch

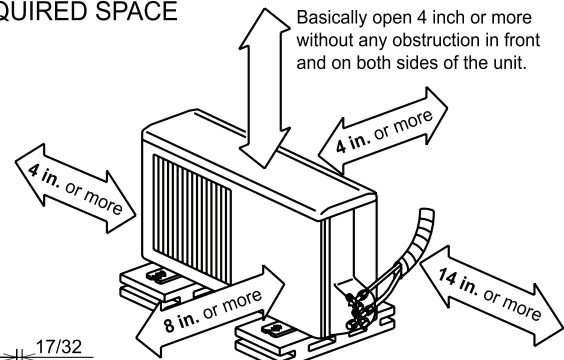


MUZ-GE15NA-1

Unit: inch

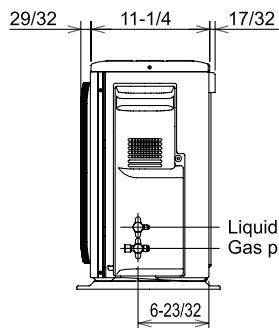


REQUIRED SPACE

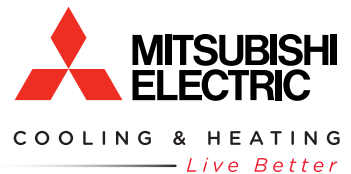


Basically open 4 inch or more without any obstruction in front and on both sides of the unit.

Open two sides of left, right, or rear side.



Intertek



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