MITSUBISHI ELECTRIC
COOLING & HEATING

M-SERIES

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 ☐Reference ☐Approval ☐Construction	
System Designation:	Schedule No.:	



Indoor Unit: MSZ-GE15NA-8



Outdoor Unit: MUZ-GE15NA-1



Wireless Remote Controller

Most Efficient 2013
ENERGY STAR www.energystar.gov

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 Central Controller (MCCH1)*
□ Outdoor Air Sensor (MOS1)*

*See Submittal for information on each option.

□ Wired Wall-mounted Controller
(PAR-31MAA requires MAC-333IF)
□ System Control Interface (MAC-333IF)

R410A INVERTER

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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 . . . . . MKH1 DC 3V
PAR-31MAA DC 12V

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

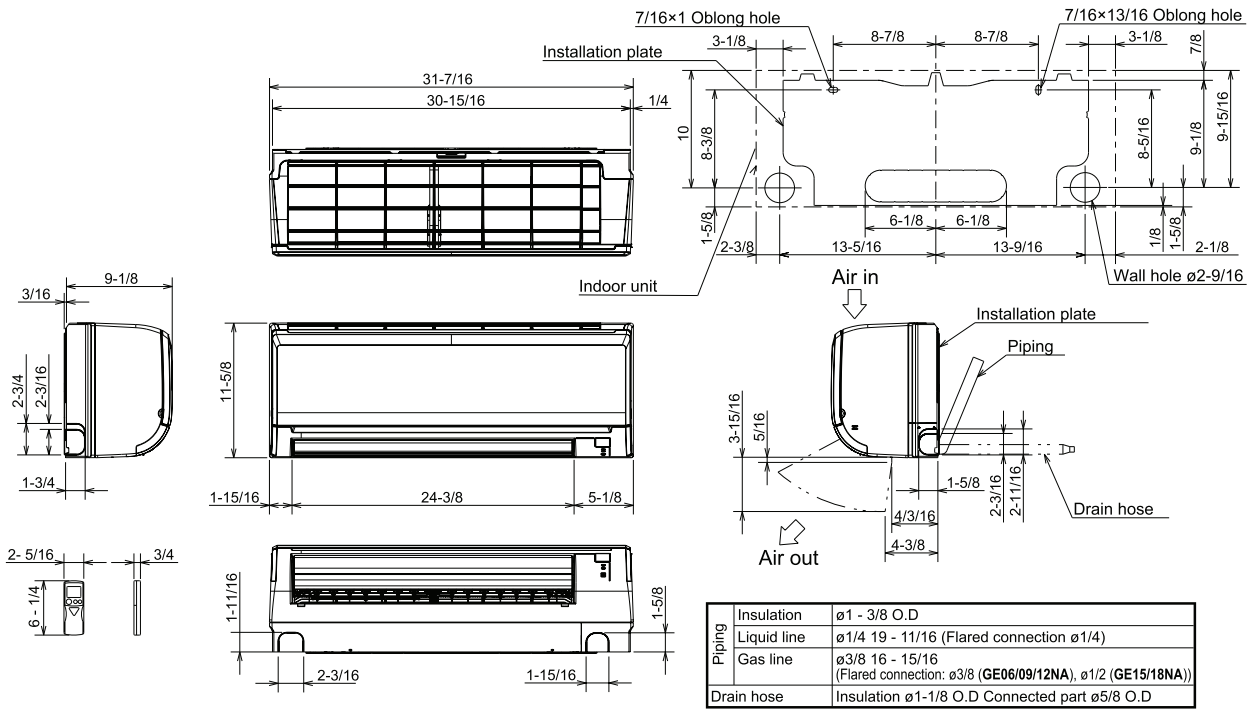
Notes:

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

MSZ-GE15NA-8

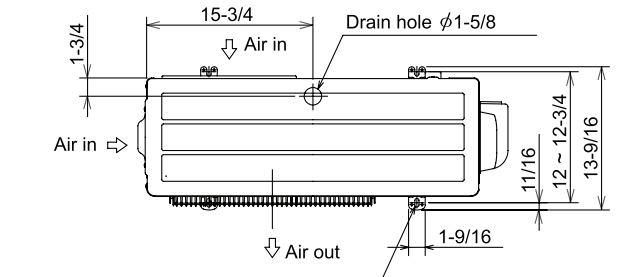
Unit: inch

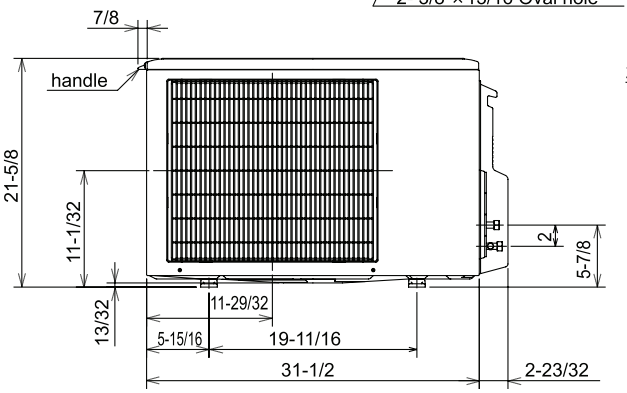


Piping	Insulation	ø1 - 3/8 O.D
	Liquid line	ø1/4 19 - 11/16 (Flared connection ø1/4)
	Gas line	ø3/8 16 - 15/16 (Flared connection: ø3/8 (**GE06/09/12NA**), ø1/2 (**GE15/18NA**))
Drain hose		Insulation ø1-1/8 O.D Connected part ø5/8 O.D

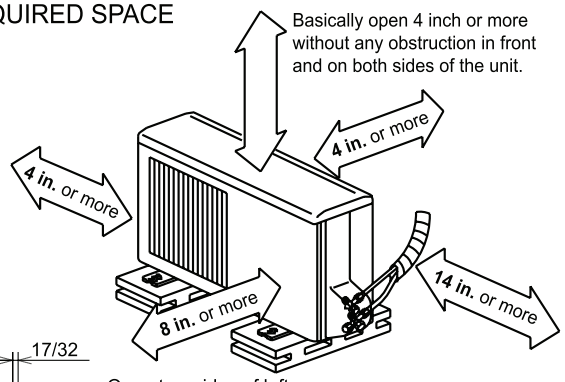
MUZ-GE15NA-1

Unit: inch

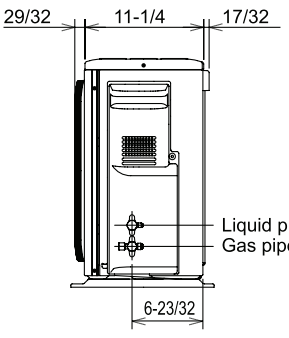




REQUIRED SPACE



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



Liquid pipe :1/4 (flared)
Gas pipe :3/8 (flared) **(GE09/12)**
1/2 (flared) **(GE15)**

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

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1340 Satellite Boulevard
Suwanee, GA 30024
Tele: 678-376-2900 • Fax: 800-889-9904
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