

**SUBMITTAL DATA: MSZ-GE24NA & MUZ-GE24NA**

24,000 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.:	


**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-642BH-U)
- Three-pole Disconnect Switch (TAZ-MS303)
- Air Outlet Guide (MAC-886-SG-E)
- Mounting Base (DSD-400N)
- Mounting Pad (ULTRILITE1)

**Indoor Unit**

- Condensate Pump (SI3100-230; 230V)
- Replacement Anti-allergy Enzyme Filters (MAC-2310FT-E; 2/set)

**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)
- Remote Temperature Sensor (M21-JKO-307)
- Lockdown Bracket for Hand-held Controller (RCMKP1CB)



# SPECIFICATIONS: MSZ-GE24NA & MUZ-GE24NA

### Cooling\*

Rated Capacity	22,500 Btu/h
Minimum to Maximum Capacity Range	8,200 - 31,400 Btu/h
SEER	19.0 Btu/h/W
EER	12.5 Btu/h/W
Total Rated Input	1,800 W

### Heating at 47°F\*

Rated Capacity	27,600 Btu/h
Minimum to Maximum Capacity Range	7,500 - 36,900 Btu/h
HSPF	10.0 Btu/h/W
COP	3.46
Total Rated Input	2,340 W

### Heating at 17°F\*

Rated Capacity	16,000 Btu/h
Rated Total Input	1,770 W
COP	2.64
Maximum Capacity**	24,600 Btu/h
Maximum Total Input	3,290 W

### Heating at 5°F\*

Maximum Capacity**	21,160 Btu/h
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### \* 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  
 Heating at 5° F | Indoor: 70° F (21° C) DB / 60° F (16° C) WB  
 Heating at 5° F | Outdoor: 5° F (-15° C) DB / 5° F (-15° 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	20 A

### 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

### OPERATING CONDITIONS

		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

### Indoor Unit

MCA	1 A
Blower Motor (ECM)	0.76 F.L.A.
Airflow (Quiet - Lo - Med - Hi - Super Hi)	
Cooling	388 - 469 - 628 - 738 Dry CFM 347 - 420 - 562 - 661 Wet CFM
Heating	388 - 469 - 628 - 738 Dry CFM

### Sound Pressure Level (Quiet - Lo - Med - Hi - Super Hi)

Cooling	34 - 41 - 49 - 53 dB(A)
Heating	32 - 41 - 49 - 52 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	43-5/16 / 1,116
D	9-3/8 / 238
H	12-13/16 / 325

Weight	37 lbs. / 17 kg
Moisture Removal	2.7 pt./h
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	17.1 A
Fan Motor (ECM)	0.93 F.L.A.
Sound Pressure Level	
Cooling	55 dB(A)
Heating	55 dB(A)

DIMENSIONS	INCHES / MM
W	33-1/16 + 3-3/16 / 840 + 81
D	13 / 330
H	34-5/8 / 880

Weight	119 lbs. / 54 kg
External Finish	Munsell No. 3Y 7.8 / 1.1

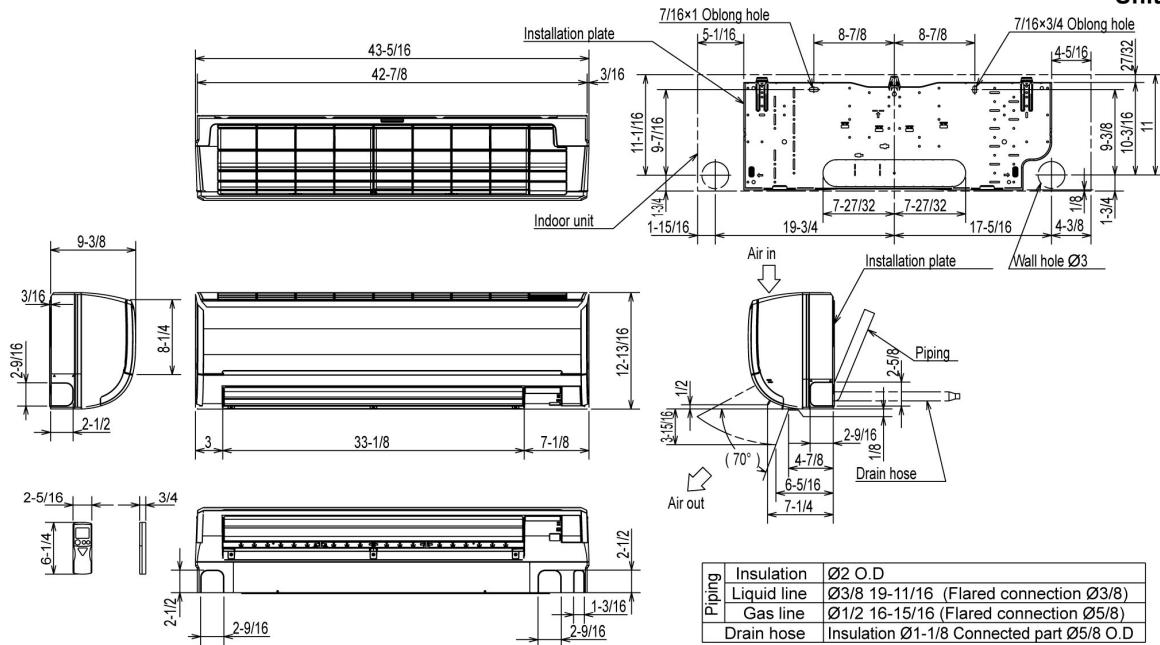
Refrigerant Type	R410A
Refrigerant Pipe Size O.D.	
Gas Side	5/8" / 15.88 mm
Liquid Side	3/8" / 6.35 mm
Max. Refrigerant Pipe Length	100' / 30 m
Max. Refrigerant Pipe Height Difference	50' / 15 m
Connection Method	Flared

Notes:

# DIMENSIONS: MSZ-GE24NA & MUZ-GE24NA

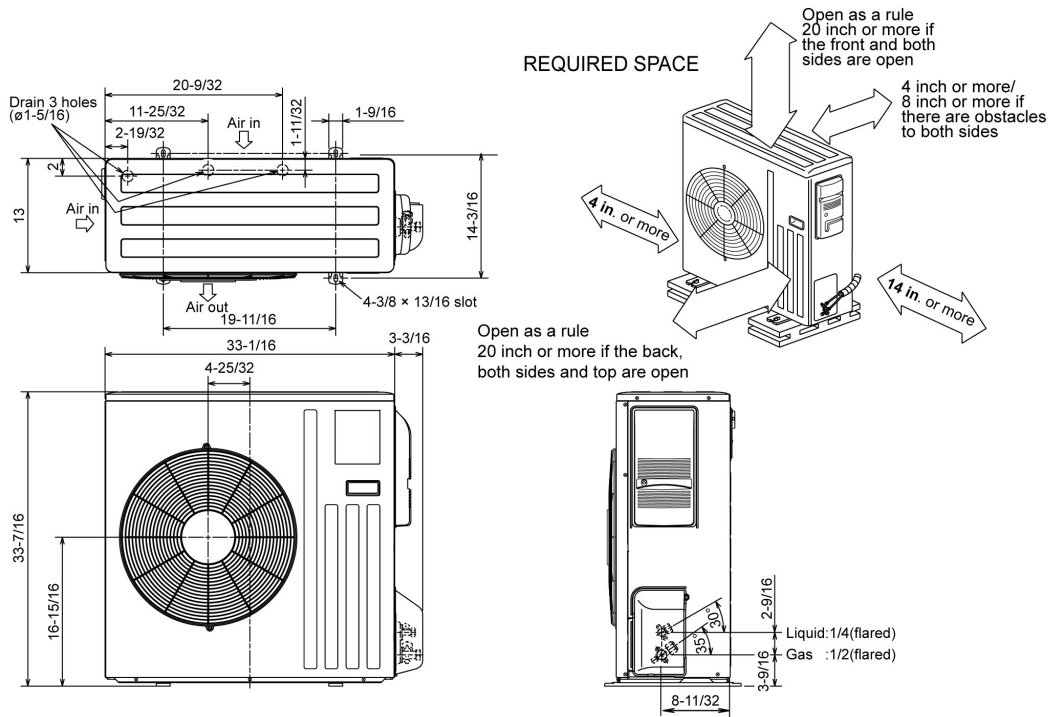
## MSZ-GE24NA

Unit: inch



## MUZ-GE24NA

Unit: inch



**Intertek**



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