

**SUBMITTAL DATA: MSZ-A24NA & MUZ-A24NA**

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 for residential and small commercial applications
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- “Powerful Mode” function permits system to temporarily run at a lower/higher temperature with an increased fan speed, which quickly brings the room to the optimum comfort level
- Wireless remote controller is included; PAR-21MAA wired remote controller can be installed as an option
- Indoor unit powered from outdoor unit using A-Control
- Auto fan speed control; auto restart following a power outage
- Limited warranty: five years on parts and defects and seven years on compressors

**OPTIONAL ACCESSORIES**
**Outdoor Unit**

- Drain Socket Assembly (MAC-811DS)

**Indoor Unit**

- M-NET Control Adapter (MAC-399IF)
- MA Contact Terminal Interface (MAC-397IF)
- Wired Remote Controller (PAR-21MAA; requires MAC-397IF)
- Condensate Pump (230V; SI3100-230)
- Anti-allergy Enzyme Filter (Two pieces per set; MAC-2300FT)
- Three-pole Disconnect Switch (TAZ-MS303)

**Cooling\***

Rated Capacity . . . . . 22,000 Btu/h  
 Minimum Capacity . . . . . 4,400 Btu/h  
 SEER . . . . . 16.0  
 Total Input . . . . . 2,880 W

**Heating at 47°F\***

Rated Capacity . . . . . 23,200 Btu/h  
 Minimum Capacity . . . . . 3,600 Btu/h  
 HSPF . . . . . 8.2  
 Total Input . . . . . 2,350 W

**Heating at 17°F\***

Rated Capacity . . . . . 14,100 Btu/h  
 Total Input . . . . . 1,780 W

\* Rating Conditions (Cooling) - Indoor: 80°F (27°C) DB, 67°F (19°C) WB; 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; 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; Outdoor: 17°F (-8°C) DB, 15°F (-9°C) WB.

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 12-24V  
 Indoor - Remote Controller . . . . . Wireless

**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	14°F (-10°C) DB, 13°F (-11°C) WB



<b>Indoor Unit</b>	
MCA . . . . .	1 A
Fan Motor . . . . .	0.76 F.L.A.
Airflow (Lo - Med - Hi - Powerful)	
Cooling . . . . .	296 - 431 - 568 - 624 Dry CFM
Heating . . . . .	265 - 385 - 508 - 558 Wet CFM
Cooling . . . . .	296 - 431 - 568 - 624 Dry CFM
Heating . . . . .	296 - 486 - 568 - 590 CFM

<b>Sound Pressure Level (Lo - Med - Hi - Powerful)</b>	
Cooling . . . . .	34 - 40 - 49 - 51 dB(A)
Heating . . . . .	34 - 40 - 48 - 49 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	43-5/16 / 1,100
D	10-1/4 / 260
H	12-13/16 / 325

Weight . . . . . 37 lbs. / 17 kg  
 External Finish . . . . . Munsell No. 1.0Y 9.2 / 0.2  
 Field Drainpipe Size O.D. . . . . 5/8" / 15.88 mm  
 Remote Controller . . . . . Wireless  
 (Optional Wired Remote Controller PAR-21MAA;  
 see Data Submittal Sheet)

**Outdoor Unit**

Compressor . . . . . DC-driven Inverter Twin Rotary  
 MCA . . . . . 17 A  
 Fan Motor . . . . . 0.93 F.L.A.  
 Sound Pressure Level  
 Cooling / Heating . . . . . 55 / 55 dB(A)

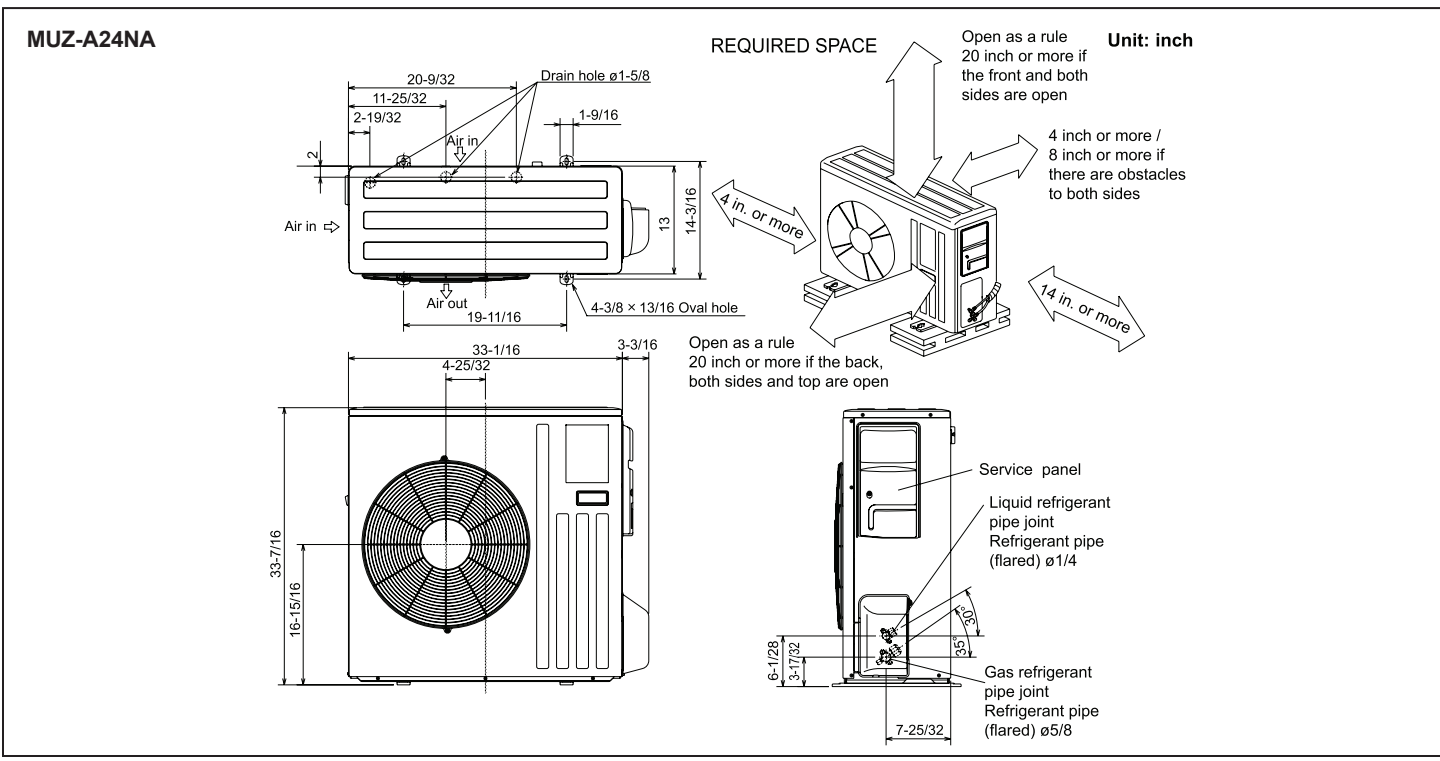
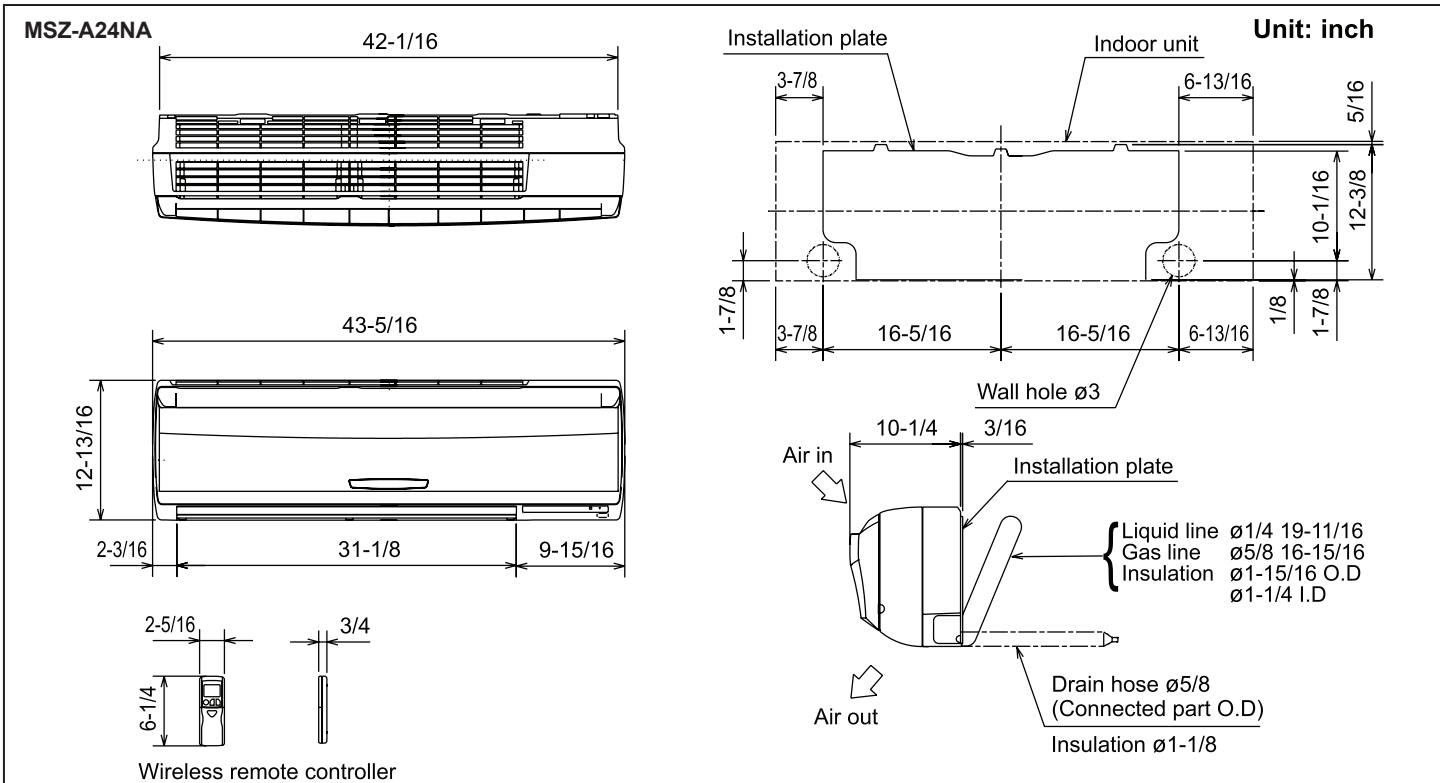
DIMENSIONS	INCHES / MM
W	33-1/16 / 840
D	13 / 330
H	33-7/16 / 849

Weight . . . . . 128 lbs. / 58 kg  
 External Finish . . . . . Munsell 3Y 7.8 / 1.1

Refrigerant Type . . . . . R410A  
 Refrigerant Pipe Size O.D.  
 Gas Side . . . . . 5/8" / 15.88 mm  
 Liquid Side . . . . . 1/4" / 6.35 mm  
 Max. Refrigerant Pipe Length . . . . . 100 ft. / 30 m  
 Max. Refrigerant Pipe Height Difference . . . . . 50 ft. / 15 m  
 Connection Method . . . . . Flared



# DIMENSIONS: MSZ-A24NA & MUZ-A24NA



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