

SUBMITTAL DATA: MSZ-A09NA & MUZ-A09NA
9,000 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-851DS)

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-1415FT)
- Three-pole Disconnect Switch (TAZ-MS303)

Cooling*

Rated Capacity 9,000 Btu/h
 Minimum Capacity 5,500 Btu/h
 SEER 17.0
 Total Input 690 W

Heating at 47°F*

Rated Capacity 10,900 Btu/h
 Minimum Capacity 5,200 Btu/h
 HSPF 8.2
 Total Input 860 W

Heating at 17°F*

Rated Capacity 6,400 Btu/h
 Total Input 700 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.

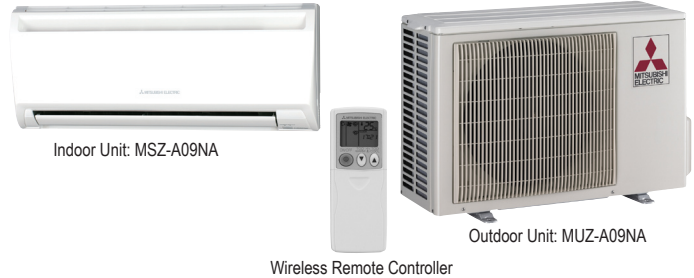
Power Supply 208 / 230V, 1-Phase, 60 Hz
 Breaker Size 15 A

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


Indoor Unit

MCA 1 A
 Fan Motor 0.76 F.L.A.
 Airflow (Lo - Med - Hi - Powerful)
 Cooling 152 - 229 - 307 - 338 Dry CFM
 134 - 205 - 275 - 303 Wet CFM
 Heating 159 - 222 - 307 - 321 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)

Cooling 22 - 33 - 38 - 41 dB(A)
 Heating 22 - 33 - 38 - 39 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	30-11/16 / 780
D	8-1/4 / 210
H	11-3/4 / 298

Weight 23 lbs. / 10 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
 MCA 12 A
 Fan Motor 0.52 F.L.A.
 Sound Pressure Level
 Cooling / Heating 48 / 48 dB(A)

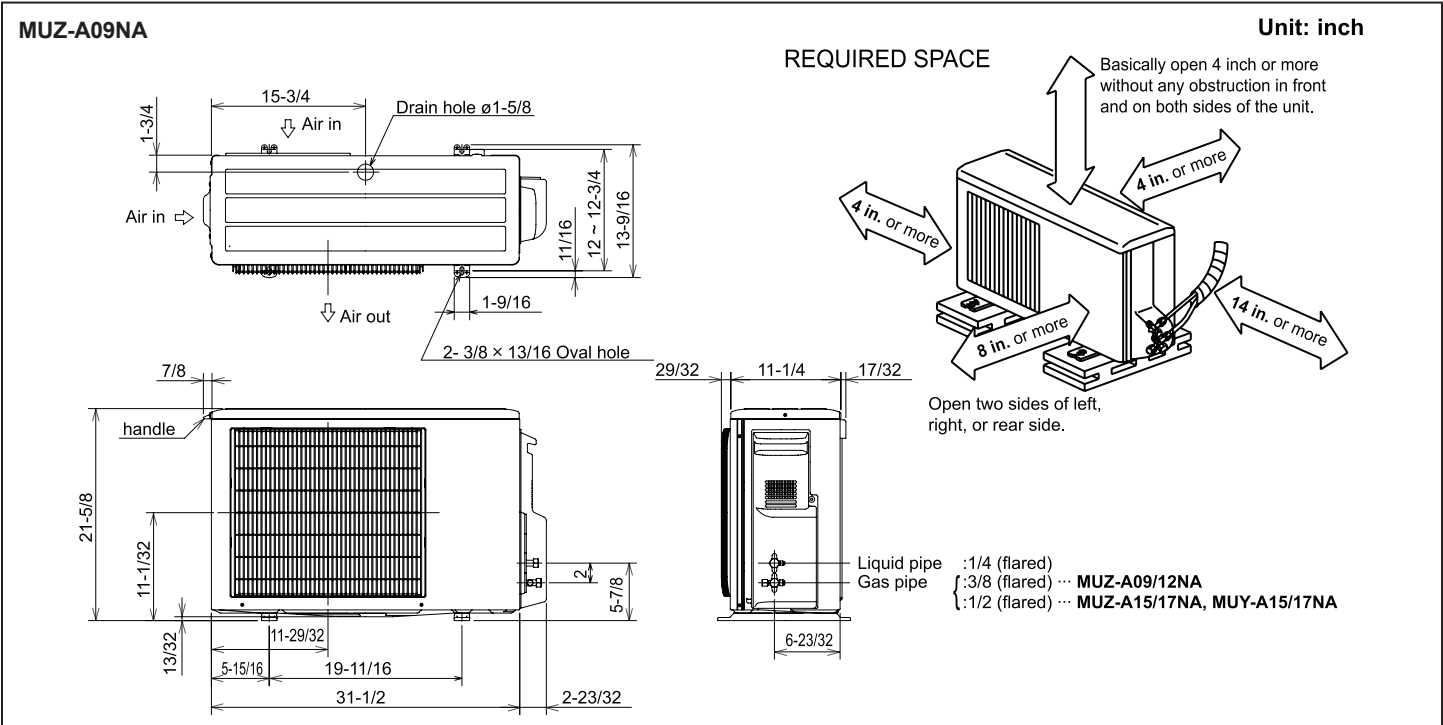
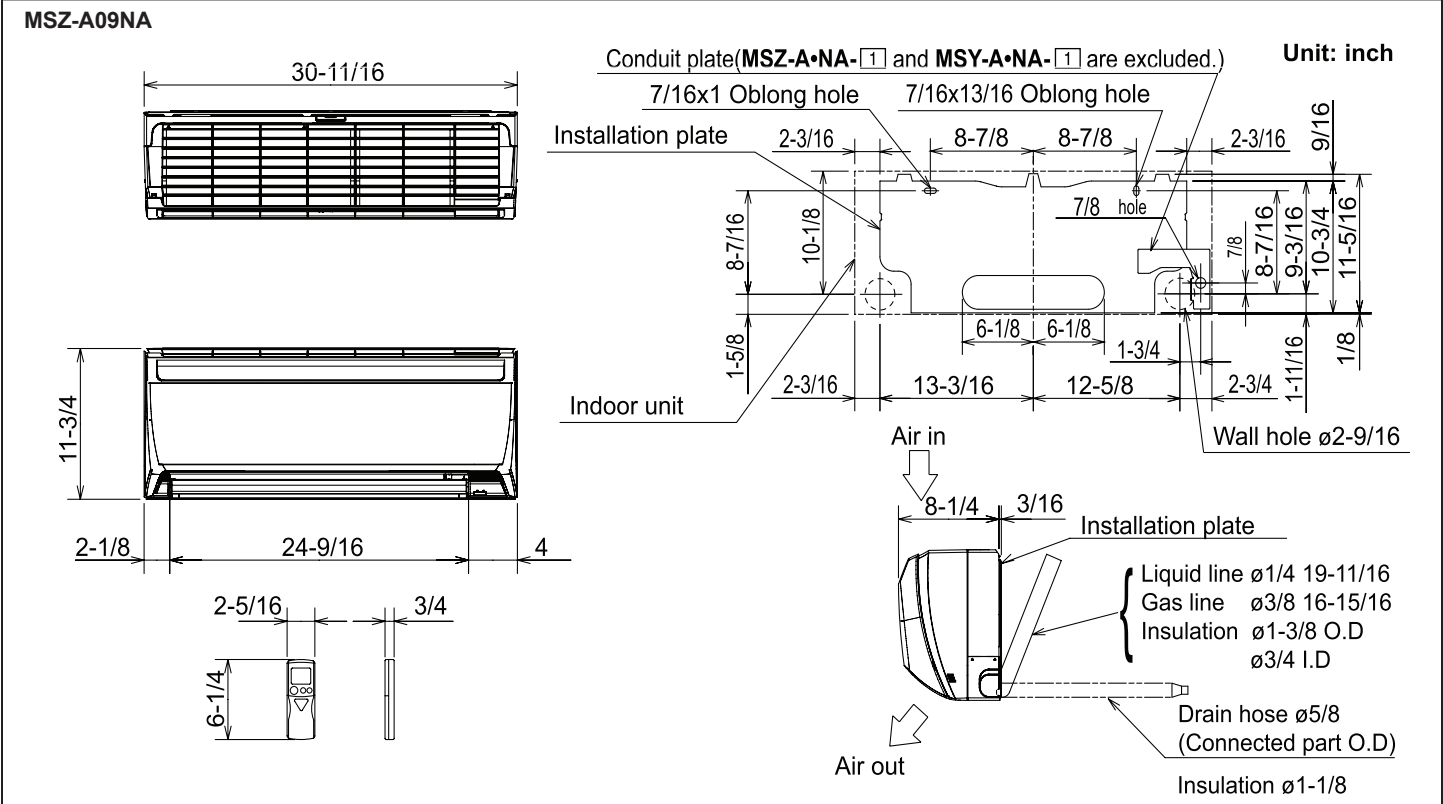
DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 286
H	21-5/8 / 550

Weight 75 lbs. / 34 kg
 External Finish Munsell 3Y 7.8 / 1.1

Refrigerant Type R410A
 Refrigerant Pipe Size O.D.
 Gas Side 3/8" / 9.52 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



DIMENSIONS: MSZ-A09NA & MUZ-A09NA



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