MITSUBISHI ELECTRIC

Mr.SLIM®
Split-ductless A/C and Heat Pumps

# SUBMITTAL DATA: MSZ-A12NA & MUZ-A12NA

12,000 BTU/H WALL-MOUNTED HEAT-PUMP SYSTEMS

Job Name: Location: Date:

Purchaser: Engineer:

Submitted to: For ☐ Reference ☐ Approval ☐ 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 . . . . . 12,000 Btu/h
Minimum Capacity . . . . . 5,700 Btu/h
SEER . . . . . 17.0
Total Input . . . . . 1,170 W

**Heating at 47°F***
Rated Capacity . . . . . 13,600 Btu/h
Minimum Capacity . . . . . 5,200 Btu/h
HSPF . . . . . 8.2
Total Input . . . . . 1,160 W

**Heating at 17°F***
Rated Capacity . . . . . 8,300 Btu/h
Total Input . . . . . 930 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: MSZ-A12NA


Wireless Remote Controller


Outdoor Unit: MUZ-A12NA

**Indoor Unit**
MCA . . . . . 1 A
Fan Motor . . . . . 0.76 F.L.A.
Airflow (Lo - Med - Hi - Powerful)
Cooling . . . . . 152 - 240 - 353 - 388 Dry CFM
134 - 215 - 318 - 349 Wet CFM
Heating . . . . . 159 - 240 - 353 - 353 CFM

Sound Pressure Level (Lo - Med - Hi - Powerful)
Cooling . . . . . 22 - 34 - 42 - 44 dB(A)
Heating . . . . . 22 - 34 - 42 - 42 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 . . . . . 82 lbs. / 37 kg
External Finish . . . . . Munsell 3Y 7.8 / 1.1

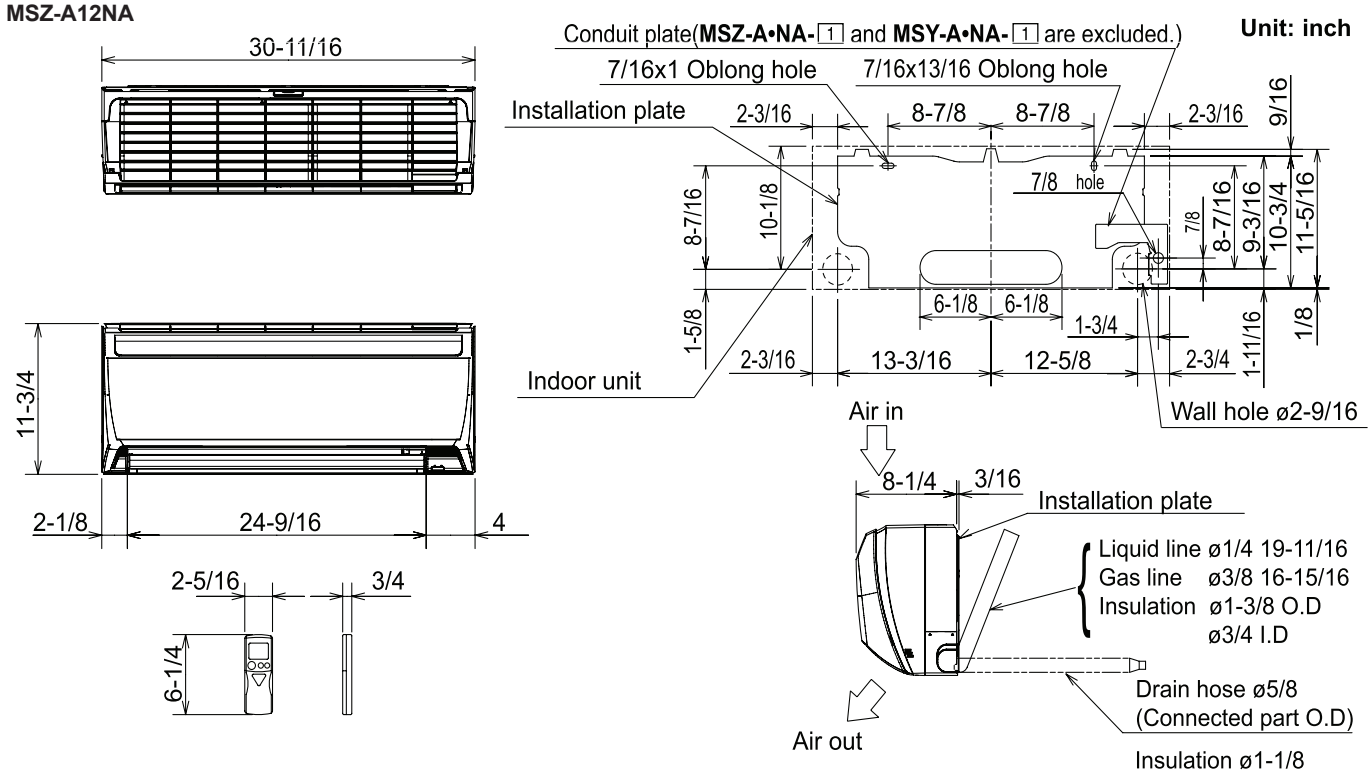
Refrigerant Type . . . . . R410A
Refrigerant Pipe Size O.D.
Gas Side . . . . . 3/8" / 9.52 mm
Liquid Side . . . . . 1/4" / 6.35 mm
Max. Refrigerant Pipe Length . . . . . 65 ft. / 20 m
Max. Refrigerant Pipe Height Difference . . . . . 40 ft. / 12 m
Connection Method . . . . . Flared

R410A INVERTER

# DIMENSIONS: MSZ-A12NA & MUZ-A12NA

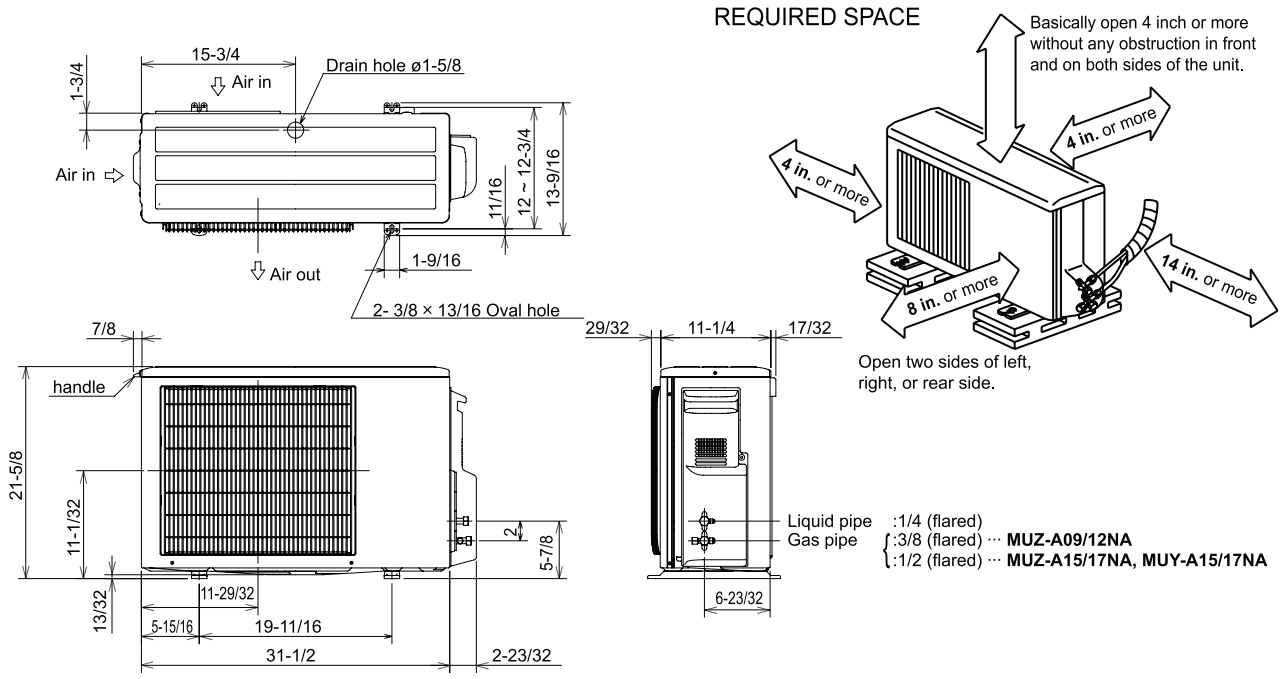
## MSZ-A12NA

Unit: inch




## MUZ-A12NA

Unit: inch




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**Specifications are subject to change without notice.**

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