

SUBMITTAL DATA: MSY-GE12NA & MUY-GE12NA

12,000 BTU/H WALL-MOUNTED AIR-CONDITIONING SYSTEMS

Job Name:	Location:	Date:
Purchaser:	Engineer:	
Submitted to:	For ☐ Reference ☐ Approval ☐ Construction	
Unit Designation:	Schedule No.:	

GENERAL FEATURES

- Wall-mounted indoor unit
- Standard Hybrid Catechin Prefilter is included with indoor unit
- Quiet operation
- Choice of fan speeds: Quiet, Low, Medium, High, and Super High; Auto fan speed control also included
- 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 restart following a power outage
- Limited warranty: five years on parts and defects and seven years on the compressor

OPTIONAL ACCESSORIES
Outdoor Unit

- Drain Socket Assembly (MAC-860DS)

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-408FT-E)

Cooling*

Rated Capacity12,000 Btu/h
Minimum Capacity3,800 Btu/h
SEER20.5 Btu/h/W
Total Input960 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.

Electrical Requirements

Power Supply208 / 230V, 1-Phase, 60 Hz
Breaker Size15 A

Voltage

Indoor - Outdoor S1-S2AC 208 / 230V
Indoor - Outdoor S2-S3DC 12-24V
Indoor - Remote ControllerWireless

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


Indoor Unit

MCA1 A
Fan Motor0.76 F.L.A.
Airflow (Quiet - Lo - Med - Hi - Super Hi)
Cooling145 - 170 - 237 - 321 - 399 Dry CFM
109 - 134 - 201 - 286 - 364 Wet CFM

Sound Pressure Level (Quiet - Lo - Med - Hi - Super Hi)
Cooling19 - 22 - 30 - 37 - 45 dB(A)

DIMENSIONS	UNIT INCHES / MM
W	31-7/16 / 799
D	9-1/8 / 232
H	11-5/8 / 295

Weight22 lbs. / 10 kg
External FinishMunsell No. 1.0Y 9.2 / 0.2
Field Drainpipe Size O.D.5/8" / 15.88 mm
Remote ControllerWireless
(Optional Wired Remote Controller PAR-21MAA;
see Data Submittal Sheet)

Outdoor Unit

CompressorDC Inverter-driven
MCA12 A
Fan Motor0.50 F.L.A.
Sound Pressure Level
Cooling49 dB(A)

DIMENSIONS	INCHES / MM
W	31-1/2 / 800
D	11-1/4 / 286
H	21-5/8 / 549

Weight77 lbs. / 35 kg
External FinishMunsell No. 3Y 7.8 / 1.1

Refrigerant TypeR410A
Refrigerant Pipe Size O.D.
Gas Side3/8" / 9.52 mm
Liquid Side1/4" / 6.35 mm
Max. Refrigerant Pipe Length65 ft. / 20 m
Max. Refrigerant Pipe Height Difference40 ft. / 12 m
Connection MethodFlared



