

Mr. SLIM®

M-Series | MSY-GL



MSY-GL AIR CONDITIONERS

FOR RESIDENTIAL AND LIGHT COMMERCIAL APPLICATIONS

The MSY-GL line of air conditioners is ENERGY STAR® certified and offers efficiency up to 24.6 SEER. VCSi INVERTER ductless indoor AC unit operates quietly and efficiently to provide comfort in rated capacities from 9,000 to 22,500 Btu/h cooling.



Indoor Unit



Outdoor Unit

ENERGY EFFICIENT & QUIET:

- ▶ Up To 24.6 SEER & 15.4 EER
- ▶ Zone Control - Put cool air where you want it.
- ▶ Indoor sound level as low as 19 dB(A)
- ▶ Blue fin Condenser - Anti-corrosion treatment to maintain efficiency and performance.

COMFORTABLE & CONVENIENT:

- ▶ Wireless Remote Control
- ▶ Multi-Part Filter System - Reduces odours, allergens, viruses and bacteria from the air.
- ▶ Powerful Mode Function - Quickly brings room to desired comfort level.
- ▶ 5 Models Available

RELIABLE PERFORMANCE:

- ▶ VCSi INVERTER Technology
- ▶ Self-Check Function - Onboard diagnostics.
- ▶ Automatic Restart - Following a power outage

 **MITSUBISHI
ELECTRIC**
Heating and Cooling

■ PERFORMANCE SPECIFICATIONS

| Model Name | Indoor Unit | | MSY-GL09NA | MSY-GL12NA | MSY-GL15NA | MSY-GL18NA | MSY-GL24NA | |
|---------------------------|--|--------------------------|---|----------------|---------------------------------|---------------------|---------------------|---------------------|
| | Outdoor Unit | | MUY-GL09NA | MUY-GL12NA | MUY-GL15NA | MUY-GL18NA | MUY-GL24NA | |
| Cooling *1 | Rated Capacity | Btu/h | 9,000 | 12,000 | 14,000 | 18,000 | 22,500 | |
| | Capacity Range | Btu/h | 3,600 – 12,200 | 1,500 – 13,600 | 3,100 – 18,200 | 5,800 – 22,000 | 8,200 – 31,400 | |
| | Rated Total Input | W | 585 | 920 | 1,080 | 1,340 | 1,800 | |
| | Energy Efficiency | EER/SEER | 15.4/24.6 | 13/23.1 | 13/21.6 | 13.4/20.5 | 12.5/20.5 | |
| | Moisture Removal | Pints/h | 1.5 | 2.5 | 2.7 | 2.1 | 5.1 | |
| Power Supply *2 | Phase, Cycle, Voltage | Btu/h | 1 Phase, 60Hz, 208/230V | | | | | |
| Voltage | Indoor-Outdoor S1 – S2 | | AC 208/230V | | | | | |
| | Indoor-Outdoor S2 – S3 | | DC ±24V | | | | | |
| | Indoor-Remote Controller | | Wireless Type (Optional Wired Controller: DC 12V) | | | | | |
| Indoor Unit | MCA | A | 1.0 | | | | | |
| | Blower Motor (ECM) | F.L.A. | 0.76 | | | 0.67 | 0.76 | |
| | Airflow at Cooling (Quiet-Lo-Med-Hi-Super Hi) | DRY (CFM) | 145-170-237-321-399 | | | 205-272-335-420-533 | 258-332-417-522-646 | 388-469-544-628-738 |
| | | WET (CFM) | 109-134-201-286-364 | | | 170-237-300-385-498 | 232-299-375-470-581 | 347-420-487-562-661 |
| | Sound Pressure Level at Cooling (Quiet-Lo-Med-Hi-Super Hi) | dB(A) | 19-22-30-37-43 | 19-22-30-37-45 | 26-32-38-44-49 | 28-33-38-44-49 | 34-41-45-49-53 | |
| | External Finish Color | Munsell 1.0Y 9.2 / 0.2 | | | | | | |
| | Dimension Unit | W: mm | 31-7/16 | | | 36-5/16 | 43-5/16 | |
| | | D: mm | 9-1/8 | | | 9-13/16 | 9-3/8 | |
| | | H: mm | 11-5/8 | | | 12 | 12-13/16 | |
| | Weight Unit | Lbs. | 22 | | | 28 | 37 | |
| Field Drainpipe Size O.D. | In. | 5/8 | | | | | | |
| Outdoor Unit | MCA | A | 7 | 9 | 14 | 17.1 | | |
| | MOCP | A | 15 | | | 20 | | |
| | Fan Motor (ECM) | F.L.A. | 0.50 | | | 0.93 | | |
| | Compressor | Model (Type) | DC INVERTER-driven | | DC INVERTER-driven Twin Rotary. | | | |
| | | R.L.A. | 4.9 | | 6.8 | 10.0 | 12.9 | |
| | | L.R.A. | 6.1 | | 8.5 | 12.5 | 16.1 | |
| | Airflow (Lo-Med-Hi) | CFM | 639/1,102 | | | 922/1,742 | 890/1,769/2,016 | |
| | Sound Pressure Level at Cooling | dB(A) | 48 | | 49 | 54 | 55 | |
| | External Finish Color | Munsell No. 3Y 7.8 / 1.1 | | | | | | |
| | Dimensions | W: mm | 31 1/2 | | | 33 1/16 | | |
| D: mm | | 11 1/4 | | | 13 | | | |
| H: mm | | 21 5/8 | | | 34 5/8 | | | |
| Weight | kg | 81 | | | 121 | 119 | | |
| Refrigerant | Type | R410A | | | | | | |
| | Charge | Lbs., Oz. | 2.9 | | | 3.9 | 4.3 | |
| | Oil | Type (fl. oz.) | FV50S (9.1) | FV50S (11.8) | | FV50S (13.5) | | |
| Refrigerant Pipe | Gas Side O.D. | In. | 3/8 | | 1/2 | 5/8 | | |
| | Liquid Side O.D. | In. | 1/4 | | | 3/8 | | |
| Refrigerant Pipe Length | Height Difference (Max) | Ft. | 40 | | | 50 | | |
| | Length (Max) | Ft. | 65 | | | 100 | | |
| Connection Method | Indoor/Outdoor | | Flared/Flared | | | | | |

NOTES: Test conditions are based on AHRI 210/240.

*1. Rating conditions (cooling) — Indoor D.B. 80° F (27° C), W.B. 67° F (19° C);
Outdoor: D.B. 95° F (35° C), W.B. 75° F (24° C).

*2. Indoor units receive power from outdoor units through field-supplied interconnected wiring.

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