

# Mini Solar GMV 208~230V



Job Name: \_\_\_\_\_ Date: \_\_\_\_\_

System Reference No.: \_\_\_\_\_ Engineer Signature: \_\_\_\_\_

## Model: GMV-Y48WL/A-T(U)



| Specifications                                    | Unit                     | Parameter                                                     |
|---------------------------------------------------|--------------------------|---------------------------------------------------------------|
| <b>Performance</b>                                |                          | GMV-Y48WL/A-T(U)                                              |
| Rated Cooling Capacity(*1)                        | kBtu/h                   | 48                                                            |
| Rated Heating Capacity(*2)                        | kBtu/h                   | 54                                                            |
| Power Input                                       | Cooling(kw)              | 3.8                                                           |
|                                                   | Heating(kw)              | 4.0                                                           |
| Sound Pressure Level                              | dB(A)                    | 62                                                            |
| Operating Temperature Range                       | Cooling(Outdoor) °C/°F   | -5~48 / 23~118                                                |
|                                                   | Heating(Outdoor) °C/°F   | -20~27 / -4~81                                                |
| <b>AHRI Ratings (Ducted/Non-Ducted)</b>           |                          |                                                               |
| EER                                               |                          | 7.5 / 9.5                                                     |
| SEER                                              |                          | 15 / 16                                                       |
| HSPF                                              |                          | 9 / 8.2                                                       |
| <b>Electrical Data</b>                            |                          |                                                               |
| Power supply                                      | Voltage, Phase, Hertz    | 208/240, 1, 60                                                |
| Maximum Overcurrent Protection (MOP)              | A                        | 45                                                            |
| Minimum Circuit Amps (MCA)                        | A                        | 35                                                            |
| <b>Fan</b>                                        |                          |                                                               |
| Type x Quantity                                   |                          | Axial-flow x 2                                                |
| Air Flow Volume                                   | CFM                      | 3708                                                          |
| External static Pressure                          | In. W.G                  | /                                                             |
| Fan Motor Power Output                            | W                        | 120                                                           |
| Motor Full Load Amps                              | A                        | 7                                                             |
| <b>Compressor</b>                                 |                          |                                                               |
| Compressor Type x Quantity                        |                          | Inverter Rotary x 1                                           |
| Compressor Rated Load Amps (RLA)                  | A                        | 19.0                                                          |
| Compressor Refrigerant Oil type                   |                          | FV50S or equivalent                                           |
| Compressor Refrigerant Oil Charge Volume          | L/Gal                    | 1 / 0.264                                                     |
| <b>Refrigerant Piping</b>                         |                          |                                                               |
| Connection Pipe                                   | Gas (mm/inch)            | 5/8                                                           |
|                                                   | Liquid (mm/inch)         | 3/8                                                           |
| Max. Equivalent Connection Pipe Length (OD to ID) | ft                       | 394                                                           |
| Refrigerant Charge                                | lbs                      | 7.3                                                           |
| Refrigerant                                       |                          | R410A                                                         |
| <b>Dimension/Weight</b>                           |                          |                                                               |
| Dimensions (HxWxD)                                | inch                     | 53 x 35-7/16 x 13-3/8                                         |
| Net Weight                                        | lbs                      | 271.2                                                         |
| <b>Other</b>                                      |                          |                                                               |
| Indoor Unit                                       | Total Capacity(%)        | 50%-135% of outdoor unit                                      |
|                                                   | Max Connectable Quantity | 8                                                             |
| Safety Certification                              |                          | ETL / AHRI / ENERGY STAR                                      |
| Condenser Fin Color                               |                          | Gold                                                          |
| Protection Devices                                | High Pressure            | High pressure sensor, High pressure switch 601 psi (4.15 MPa) |
|                                                   | Inverter Circuit         | Over-heat protection, Over-current protection                 |
|                                                   | Compressor               | Discharge temp protection, Over-current protection            |

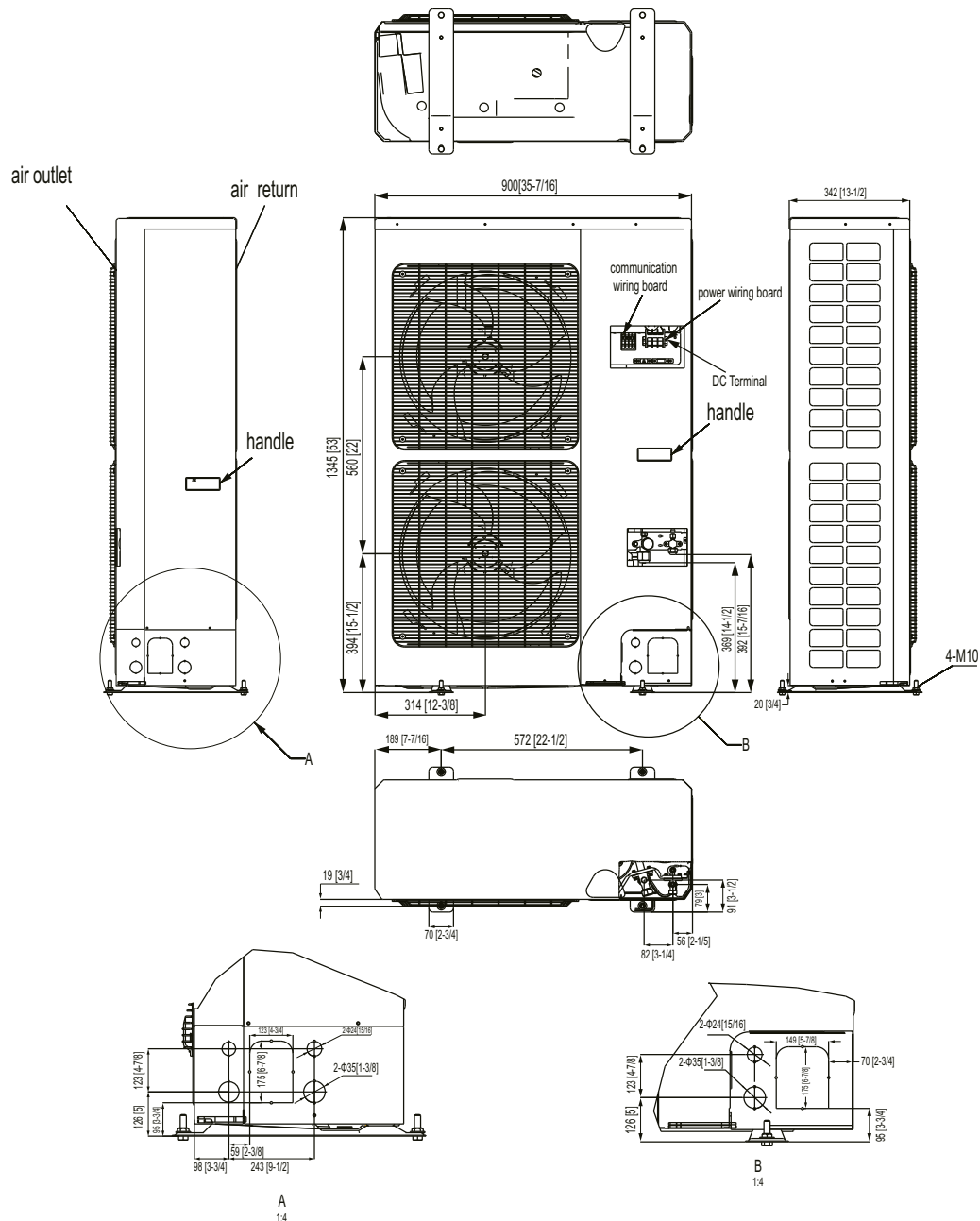
\*1 Cooling I Indoor: 80°F(26.7°C)DB / 67°F(19°C)WB; Outdoor: 95°F(35°C)DB

\*2 Heating I Indoor: 70°F(21.1°C)DB / Outdoor: 47°F(8.3°C)DB / 43°F(6°C)WB

Specifications subject to change without prior notice.

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# Outline and Physical Dimensions of GMV-Y48WL/A-T(U).



Unit:mm(in.)

NOTE: SEACOAST protection available upon request.

