

# Heat Recovery 208~230V



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

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

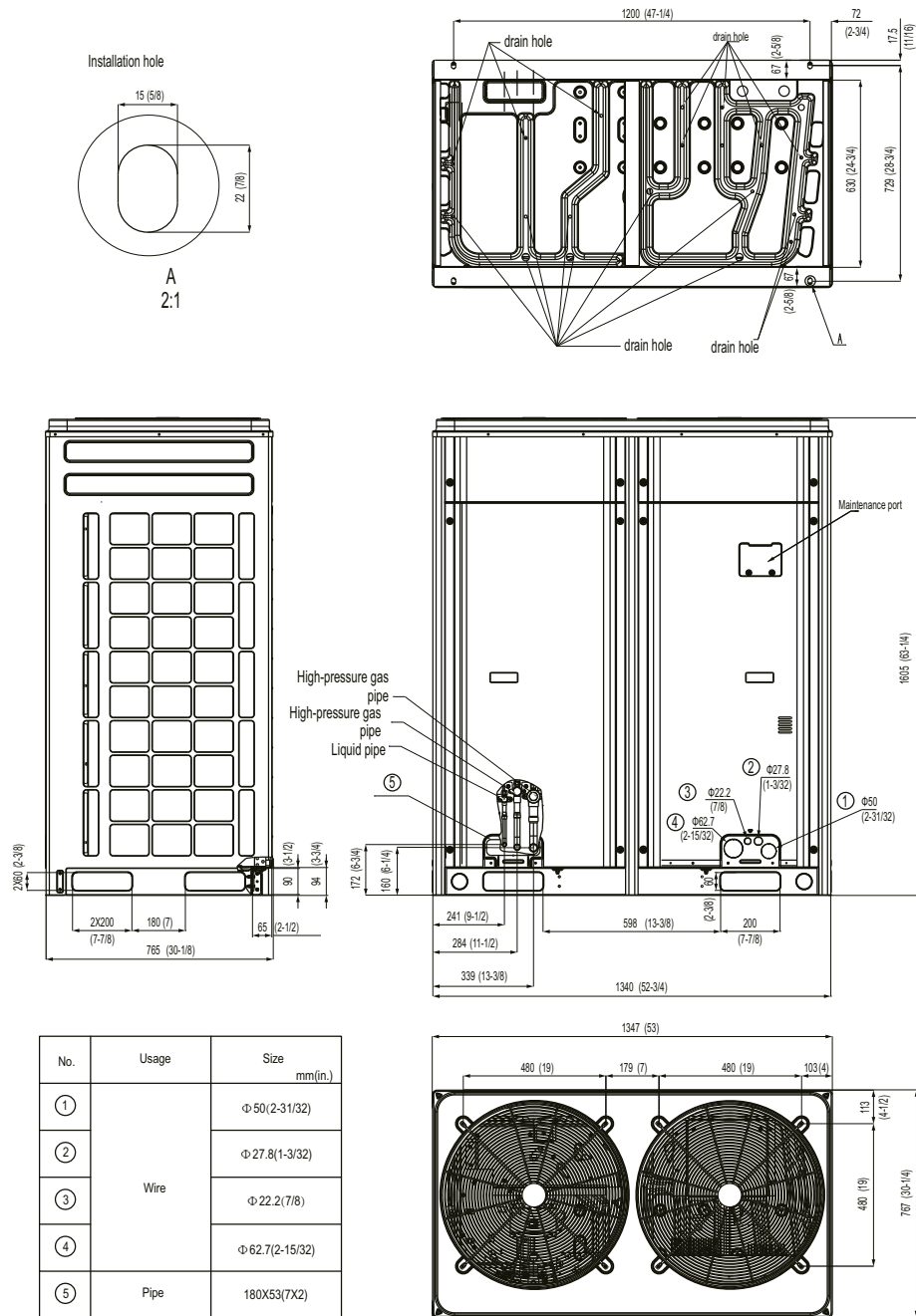
## Model: GMV-Q96WM/B-F(U)



| Specifications                                    | Unit                     | Parameter                                                     |
|---------------------------------------------------|--------------------------|---------------------------------------------------------------|
| <b>Performance</b>                                |                          | GMV-Q96WM/B-F(U)                                              |
| Rated Cooling Capacity(*1)                        | kBtu/h                   | 96                                                            |
| Rated Heating Capacity(*2)                        | kBtu/h                   | 108                                                           |
| Power Input                                       | Cooling(kw)              | 7.3                                                           |
|                                                   | Heating(kw)              | 7.85                                                          |
| Sound Pressure Level                              | dB(A)                    | 62                                                            |
| Operating Temperature Range                       | Cooling(Outdoor) °C/°F   | -5~52 / 23~125.6                                              |
|                                                   | Heating(Outdoor) °C/°F   | -20~24 / -4~75.2                                              |
| <b>AHRI Ratings (Ducted/Non-Ducted)</b>           |                          |                                                               |
| EER                                               |                          | 11 / 11.2                                                     |
| SEER                                              |                          | 20.5 / 23.5                                                   |
| COP                                               |                          | 2.25~3.3 / 2.4~3.5                                            |
| <b>Electrical Data</b>                            |                          |                                                               |
| Power supply                                      | Voltage, Phase, Hertz    | 208/230, 3, 60                                                |
| Maximum Overcurrent Protection (MOP)              | A                        | 45                                                            |
| Minimum Circuit Amps (MCA)                        | A                        | 37                                                            |
| <b>Fan</b>                                        |                          |                                                               |
| Type x Quantity                                   |                          | Axial-flow x 2                                                |
| Air Flow Volume                                   | CFM                      | 8240                                                          |
| Fan Motor Power Output                            | W                        | 750 + 750                                                     |
| Max. External Static Pressure                     | In. W.G                  | 0.33                                                          |
| <b>Compressor</b>                                 |                          |                                                               |
| Compressor Type x Quantity                        |                          | Inverter Scroll x 1                                           |
| Compressor Refrigerant Oil type                   |                          | FVC68D or FV-68H                                              |
| Compressor Refrigerant Oil Charge Volume          | L/Gal                    | 5.1 / 1.35                                                    |
| <b>Refrigerant Piping</b>                         |                          |                                                               |
| Connection Pipe                                   | High Pressure Gas (inch) | 3/4                                                           |
|                                                   | Low Pressure Gas (inch)  | 7/8                                                           |
|                                                   | Liquid (inch)            | 3/8                                                           |
| Max. Equivalent Connection Pipe Length (OD to ID) | ft                       | 541                                                           |
| Refrigerant Charge                                | lbs                      | 24.69                                                         |
| Refrigerant                                       |                          | R410A                                                         |
| <b>Dimension/Weight</b>                           |                          |                                                               |
| Dimensions (HxWxD)                                | inch                     | 63-1/4 x 52-3/4 x 30-1/8                                      |
| Net Weight                                        | lbs                      | 683                                                           |
| <b>Other</b>                                      |                          |                                                               |
| Indoor Unit                                       | Total Capacity(%)        | 50%-135% of outdoor unit                                      |
|                                                   | Max Connectable Quantity | 16                                                            |
| 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 | Indoor: 80°F(26.7°C)DB / 67°F(19°C)WB; Outdoor: 95°F(35°C)DB  
 \*2 Heating | Indoor: 70°F(21.1°C)DB / Outdoor: 47°F(8.3°C)DB / 43°F(6°C)WB

# Outline and Physical Dimensions of GMV-Q96WM/B-F(U).



NOTE: SEACOAST protection available upon request.

