

## VRF SHRMU R410a: MMY - MUP1401FT8P-E

### STAND ALONE

- Easy installation
- Low operation cost
- Up to 101 indoor units per system
- Triple rotary compressor for 16 - 20 HP models
- High efficiency performance with SEER 32% higher and SCOP 25% higher than SHRMe



Retail Price (interactive icons):

UK



ROI



**SHRMu**  
SUPER HEAT RECOVERY MULTI



Hi - Res Image

### Performance & Outdoor Data

|                                                           |                                                                     |                               |                  |
|-----------------------------------------------------------|---------------------------------------------------------------------|-------------------------------|------------------|
| Capacity Range                                            |                                                                     | HP                            | 14               |
| Maximum Number of Indoor Units                            |                                                                     | QTY                           | 31               |
| Cooling Capacity                                          |                                                                     | kW                            | 40.0             |
| Heating capacity Rated/Max                                |                                                                     | kW                            | 40.0/45.0        |
| Operating Range                                           | Cooling                                                             | °C                            | -10.0 to 52.0    |
|                                                           | Heating                                                             |                               | -25.0 to 15.5    |
| Cooling                                                   | Power Consumption                                                   | kW                            | 14.18            |
|                                                           | EER/SEER/Energy Efficiency Class (or ηsc %)                         |                               | 2.82/7.11/281.4  |
| Heating                                                   | Power Consumption (Rated)                                           | kW                            | 11.05            |
|                                                           | COP/SCOP/Energy Efficiency Class (or ηsc(A) %)                      |                               | 3.62/4.30/169.0  |
| Fan(s)                                                    | Standard Air Flow H                                                 | l/s                           | 3750             |
|                                                           | Standard Air Flow H                                                 | m3/h                          | 13500            |
|                                                           | External Static Pressure                                            | Pa                            | 80               |
| Sound                                                     | Pressure Level C/H                                                  | dB(A)                         | 60/64            |
|                                                           | Power Level C/H                                                     | dB(A)                         | 81/85            |
| Unit(s)                                                   | Height x Width x Depth                                              | mm                            | 1690 x 990 x 780 |
|                                                           | Weight                                                              | kg                            | 250              |
|                                                           | Refrigerant Base Charge                                             | kg                            | 6                |
| Pipe Connections                                          | Suction Gas Pipe - Diameter                                         | inch                          | 1 1/8            |
|                                                           | Discharge Pipe - Diameter                                           | inch                          | 3/4              |
|                                                           | Liquid Pipe - Diameter                                              | inch                          | 5/8              |
| Maximum                                                   | Equivalent Length                                                   | m                             | 200              |
|                                                           | Real Length                                                         | m                             | 180              |
|                                                           | Total Pipe Length (Liquid Line Real Length)                         | m                             | 500              |
|                                                           | Length To First Branch Height Difference Between Indoor Units ≤ 3 m | m                             | 100              |
|                                                           | Length To First Branch Height Difference Between Indoor Units > 3 m | m                             | 85               |
|                                                           | Equivalent Length Of Outdoor Unit Connecting Pipe                   | m                             | 15               |
|                                                           | Real Length Between Single Port FS Unit and Indoor Unit             | m                             | 50               |
|                                                           | Real Length Between Multi Port FS Unit and Indoor Unit              | m                             | 50               |
|                                                           | Real Length Of Indoor Unit Connecting Piping                        | m                             | 50               |
|                                                           | Equivalent Length Between Branches                                  | m                             | 50               |
|                                                           | Height Difference Outdoor Higher Than Indoor Units                  | m                             | 90               |
|                                                           | Height Difference Outdoor Lower Than Indoor Units                   | m                             | 40               |
|                                                           | Height Difference Between Indoor Units                              | m                             | 40               |
|                                                           | Height Difference Between Outdoor Units                             | m                             | 5                |
|                                                           | Electrical                                                          | Voltage Range Minimum/Maximum | V                |
| Electrical Characteristic Running Current Cooling/Heating |                                                                     | A                             | 21.86/17.25      |
| Power Supply Wiring Starting Current                      |                                                                     | A                             | Soft Start       |
| Power Supply                                              |                                                                     | V/ph/Hz                       | 380-415/3/50     |
| Suggested Fused Supply(s)                                 |                                                                     | A                             | 40               |

\*All [Accessories](#) / [Controls](#)

Related items:

- [Full specification](#)
- [BIM files](#)
- [CAD files](#)
- [Refrigerant cycle](#)
- [Dimensional drawing](#)
- [Wiring diagram](#)
- [Noise curve data](#)
- [Installation manual](#)

