

## Toshiba Air Conditioning Data Sheet

MMW-UP0271LQ-E  
VRF HOT WATER MODULE



| Model Reference      |                                    | MMW-UP0271LQ-E |                        |
|----------------------|------------------------------------|----------------|------------------------|
| <b>Capacity Code</b> |                                    | HP             | 2.5                    |
| Nominal              | Heating Capacity                   | kW             | 8.0                    |
| Operating Modes      |                                    |                | Heating                |
| Heating              | Operating Ambient Range            | °C WB          | -25 - 19               |
|                      | Water inlet                        | °C             | 15 - 45                |
|                      | Operation Water Side (min. - max.) | °C             | 25 - 50                |
| Electrical           | Power Input                        | kW             | 0.014                  |
|                      | Run Current                        | Amps           | 0.080                  |
| Sound pressure       |                                    | dB(A)          | 25                     |
| Unit                 | Height x Width x Depth             | mm             | 580 x 400 x 250        |
|                      | Weight                             | kg             | 18                     |
| Pipe Connection      | Flare Connections (gas - liquid)   | inch           | 5/8 - 3/8              |
|                      | Water Flow & Retrun                | mm             | R1-1/4 (PT1-1/4 Screw) |
| Refrigerant          | Type                               |                | R410A                  |
|                      | Charge Amount (liquid pipe length) | kg             | Std VRF calculation    |
| Water                | Circulating Pump (not included)    |                | Local Procurement      |
|                      | Heat Exchanger Type                |                | Plate                  |
|                      | Design Pressure Refrigerant        | mPa            | 3.73                   |
|                      | Design Pressure Water              | mPa            | 1                      |
|                      | Nominal Flow Rate                  | l/min          | 22.9                   |
|                      | Min. - Max. Flow Rate              | l/min          | 19.5 - 26.3            |
|                      | Pressure Drop Min. - Std. - Max.   | Kpa            | 28.5 - 40.5 - 53.5     |
|                      | ΔT                                 | °C             | 5                      |
| Power Supply         | Suggested Fuse Size                | V/ph/Hz-A      | 220-240/1/50-5         |

# TOSHIBA

- Produces hot water from 25°C up to 50°C outlet watertemperature,
- Compatible with both space heating and domestic hot waterapplications
- Up to 200% diversity indoor units & hot water module Operating range from 20°C WB to 19°C WB
- Compatible with 4 series FS box
- Light and compact chassis

