



ADDITIONAL HOT WATER PREPARATION

Hot water module SMMSu



Highlights

Efficient preparation of hot water for room heating + domestic hot water
Hot water preparation up to +50°C
Compatible with SMMS-e & SHRM-e outdoor units, max. 50% of the total capacity



Using hot water preparation for low-temperature systems, highly efficient room heating or domestic hot water generation is possible. For combination with VRF outdoor units from the SMMS-e, SMMS-u, and SHRM-e model series. Available in two capacity sizes of 8.0 and 16.0 kW.



Performance

- Water outlet temperature +25 to +50°C
- Supply water temperature control
- Two modules per system possible
- Up to 50% of the connected total unit capacity



Technical Details

- Connectable capacity with standard indoor units and SMMS-e, SMMS-u: up to 115%
- Connectable capacity with standard indoor units and SHRM-e: up to 200%
- Water pump, strainer & shutoff valves must be supplied externally
- Not suitable for connection to BMS systems
- Fresh-air duct unit & VN-HEXE heat exchanger cannot be connected in the same system



Hot water module SMMSu

| Technical data | | | MMW-UP0271LQ-E |
|---|-------------------|---|-----------------|
| Heating capacity | kW | ☀ | 8,00 |
| Power consumption (min./nom./max.) | kW | ☀ | 0,014 |
| Sound pressure level (low/med/high) | dB(A) | ☀ | 25,0 |
| Liquid pipe diameter | mm (inch) | | 9,5 (3/8) |
| Suction gas pipe diameter | mm (inch) | | 15,9 (5/8) |
| Condensate pipe diameter | mm | | VP25 (25/32) |
| Power supply | V/Ph+N/Hz | | 220-240/1+N/50 |
| Running current | A | ☀ | 0,08 |
| Water connection | Inch | | 1 ¼ |
| Water flow rate (standard) | m ³ /h | | 1,37 |
| Pressure loss (standard water flow rate) | bar | | 0,40 |
| Operating range, indoor, DB (min.-max.) | °C | | +5 / +32 |
| SMMS-e operating range, outdoor, DB (min.-max.) | °C | | -25 / +21 |
| SMMS-e operating range, outdoor, WB (min.-max.) | °C | | -25 / +19 |
| SHRM-e operating range, outdoor, DB (min.-max.) | °C | | -25 / +40 |
| SHRM-e operating range, outdoor, WB (min.-max.) | °C | | -25 / +28 |
| Water inlet operating range (min.-max.) | °C | | +15 / +45 |
| Water outlet operating range (min.-max.) | °C | | +25 / +50 |
| Refrigerant | | | R410A |
| Dimensions (HxWxD) | mm | | 580 x 400 x 250 |
| Weight | kg | | 17,80 |

❄ Cooling ☀ Heating

The measuring conditions for this product can be found at <https://www.toshiba-aircondition.com/en/measuring-conditions.html>



In order to make it easier for you to select the optimal product, you can find the description of the special TOSHIBA product functions for your model here:



R410A: Used refrigerant: R410A.

