TOSHIBA

HOT WATER PREPARATION up to +82°C

Hot water module

Highlights

Efficient preparation of hot water for room heating + domestic hot water
Hot water preparation up to +82°C via 2-step cascade
Compatible with SHRM-e outdoor units

Using hot water preparation for high-temperature systems, highly efficient room heating or domestic hot water generation is possible. For combination with VRF outdoor units from the SHRM-e model series. Available with 14.0 kW output.

Performance

- Water outlet temperature +50 to +82°C
- Supply water temperature control
- Outdoor temperature operating range -25°C to 40°C db (-20°C to +28°C wb)
- Cascade with inverter-controlled twin-rotary compressor
- Can be combined with series 4 or multi-port flow boxes

Technical Details

- Connectable capacity with standard indoor units: up to 200%
- Water pump, dirt trap & 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

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Technical data			MMW-AP0481CHQ-E
Heating capacity	kW	☀	14,00
Power consumption (min./nom./max.)	kW	☀	- / - / 4,15
Sound pressure level (low/med/high)	dB(A)	☀	44,0
Sound power level	dB(A)	☀	60,0
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Condensate pipe diameter	mm		15
Power supply	V/Ph+N/Hz		220-240/1/50
Running current (max.)	A		17,50
Water connection	Inch		1 ¼
Water flow rate (standard)	m^3/h		2,40
Pressure loss (standard water flow rate)	bar		0,15
SHRM-e operating range, outdoor, DB (min.-max.)	°C		-25 / +40
SHRM-e operating range, outdoor, WB (min.-max.)	°C		-25 / +28
Water outlet operating range (min.-max.)	°C		+50 / +82
Outdoor temperature operating range (min.-max.)	°C	☀	-25 / +40
Refrigerant			R410A
Cascade refrigerant			R134a
Cascade charge	kg		2,1
Dimensions (HxWxD)	mm		700 x 900 x 320
Weight	kg		100

❄ Cooling ☀ Heating

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