



## 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-UP0561LQ-E
Heating capacity	kW		16,00
Power consumption (min./nom./max.)	kW		0,014
Sound pressure level (low/med/high)	dB(A)		27,0
Liquid pipe diameter	mm (inch)		9,5 (3/8)
Suction gas pipe diameter	mm (inch)		15,9 (5/8)
Condensate pipe diameter	mm		25
Power supply	V/Ph+N/Hz		220-240/1/50
Running current	A		0,08
Water connection	Inch		1 ¼
Water flow rate (standard)	m <sup>3</sup> /h		2,75
Pressure loss (standard water flow rate)	bar		0,44
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		20,30

 Cooling  Heating

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



**Energy Label:** Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



**HI POWER:** Particularly strong airflow for quickly reaching the requested temperature.



**ErP Ecodesign:** All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



**Auto diagnostic:** Check of system for flawless operation.



**Hybrid inverter control:** Smooth capacity regulation.



**Eco Mode:** Energy saving function.



**Rotary compressor:** Reliability and high efficiency.



**Quiet Mode:** Particularly low noise level - whispering mode.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



**Comfort Sleep:** Gradual increase of temperature by 2 °C until morning.



**R410A:** Used refrigerant: R410A.



**Power Selection:** Capacity regulation and therefore power savings of up to 25, 50 or 75%.



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



**Wifi ready:** Optional control of the system via a smartphone.



**Preset Mode:** Activates individual settings at the touch of a button.



**KNX:** Optional KNX bus connection.



**One Touch Mode:** Fully automatic operation adapted to your needs.



**Dust filter:** Washable filter against coarse contamination.



**Timer:** Individual programming of on-/off times.



**IAQ filter:** Fine mesh filter with natural substances.



**Off Timer:** Shutdown of the unit at chosen times (30 min to 12 h).



**Active carbon-catechin filter:** Cleansing filter with enzymes from green tea.



**Week Timer:** Up to four settings per day and seven per week.



**Plasma filter: Pure Mode:** Electrostatic filter system.



**Automatic Restart:** After a power blackout.



**Air ionizer:** Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



**8 °C frost protection function:** Frost protection for uninhabited rooms.



**Self-cleaning function:** Usage of condensate water for cleaning.



**Louver:** Flexible setting of louvers.



**Auto Mode:** Automatic selection between cooling and heating.



**3D Airflow:** 6 different airflow patterns in all directions.