

Hot demi water in high-tech production

- Hot ultrapure water on demand
- Energy saving
- Acceleration of process flow

The modern electronics regulate the current power consumption of the device as a function of inlet temperature and flow rate up to the power limit. The outlet temperature is adjusted to the exact degree. The setpoint can be selected at the touch of a button and read out digitally. The maximum power consumption (18kW to 27kW) is determined during installation.

- For use with ultrapure water
- Stainless steel heating coil made of 2.4869 (NiCr80-20)
- Other water-bearing metal parts made of 1.4571 (316Ti) or 1.4404 (316L)
- Maximum outlet temperature +70°C
- Temperature setting range (10°...70°)C
- Convenient push-button control panel with large display for precise temperature input
- Two program keys for individual fixed values
- Temperature limit can be activated
- Operating and error display
- Bluetooth remote control available
- Control via Modbus RTU possible
- Integration into local network via WLAN possible

- Customer specific water heaters
- Cleaning technology
- Superfine Coating / Micro coating



- High-Tech industries
- Micro systems technology
- Semiconductor manufacturing
- Pharmaceutical industry
- Production of optical media
- Lithographic thin film technology
- Tap operation
- Special applications

Capacity:	0,4l
Start-up flow rate:	1,5l/minute
Connection:	squeezing screw connection Ø10mm
Temperature:	pre-selectable (+10°...+70°)C
Inlet Temperature:	(+5°...+70°)C
Spec. water resistance:	≥ 1100Qcm (@ +15°C)
WLAN:	802.11b/g/n - (2,412...2,472)GHz Transmission power ≤ 100mW
Bluetooth:	(2,4...2,4385)GHz
Modbus:	RTU/RS485 - 19200baud
Weight:	4,5kg (incl. water)
Dimensions:	(434 x 278 x 100)mm (HxWxD)

Supply: 400V, 3~, PE, 50Hz/60Hz

Nominal power	Nominal current	Required wire cross-section	Warm water output at $\Delta T=28K$
18kW	26A	4,0mm ²	9,2l/min
21kW	30A	4,0mm ²	10,7l/min
24kW	35A	6,0mm ²	12,3l/min
27kW	39A	6,0mm ²	13,8l/min

Subject to technical changes: technical errors and omissions excepted!