

Pure+ Fresh-water storage tank 2,600 l 1 smooth-pipe heat exchanger blue



Fresh-water storage tank for highest demands on drinking water hygiene and energy efficiency. The structure of the storage tank is fundamentally different from usual large-volume domestic hot-water tanks. A built-in corrugated stainless steel pipe separates the drinking water from the heating water, while serving as a powerful heat exchanger at the same time. Thus, the advantages of a buffer tank are combined with those of a continuous flow water heater. The heating water serves as actual heat storage while the drinking water flows through the corrugated stainless steel pipe only if required and, thus, a legionella-safe domestic water heating is ensured. You do not need a protection programme against legionella in the controller. At all times, the consumer is provided with hygienically clean, fresh water at the desired temperature.

Due to the additional smooth-pipe heat exchanger, a heat generators can be integrated at any time and its energy can be fed into the fresh-water storage tank.

General

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| OEG Nr.: | 516008331 |
| Rated volume according to EN 12897: | 2600 |
| Colour: | blue |
| Insulation according to DIN 4102-1 Fire Protection Class B2: | removable PES fleece insulation 0.036 W/(mK) |
| Weight [kg]: | 430 |
| Total height including insulation [mm]: | 2490 |
| Diameter without insulation [mm]: | 1250 |
| Diameter with insulation [mm]: | 1450 |
| Tilt height [mm]: | 2530 |

Energy

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|--|------|
| Output capacity (45°C) [l]: | 1480 |
| Performance indicator NL following DIN 4708: | 12 |

Tank

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|------------------------|----|
| p_{\max} Tank [bar]: | 3 |
| t_{\max} Tank [°C]: | 95 |
| t_{\min} Tank [°C]: | 20 |

DHW heat exchanger

| | |
|--------------------------------------|-------|
| DHW heat exchanger area [m²]: | 9 |
| DHW heat exchanger volume [l]: | 39,50 |
| p_{\max} DHW heat exchanger [bar]: | 6 |
| t_{\max} DHW heat exchanger [°C]: | 95 |

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Smooth-pipe heat exchanger

| | |
|--|------|
| Smooth-pipe heat exchanger [number]: | 1 |
| Smooth-pipe heat exchanger area bottom [m²]: | 5,90 |
| Smooth-pipe heat exchanger volume bottom: | 39 |
| p _{max} Smooth-pipe heat exchanger [bar]: | 10 |
| t _{max} Smooth-pipe heat exchanger [°C]: | 130 |

Connections

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|---|-----------|
| Connection layout: | 90° |
| Connection sensor [Ø mm / terminal]: | 6 mm |
| Connection cold / hot water: | Rp 1 1/4" |
| Connection heat generator [thread]: | Rp 1 1/2" |
| Connection heat exchanger [thread]: | Rp 1" |
| Max. immersion depth of screw-in heater [mm]: | 1300 |