



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.

Data pursuant to EU regulation 814/2013

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|---------------------------------------|---|
| Name of supplier's trade marks: | OEG GmbH |
| Model identification of the supplier: | 516008230 - Fresh-water storage tank 800 litres |
| Heat retaining losses in watts: | 51 |
| Storage tank volume in litres: | 801 |

General

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|--|------------------------------|
| OEG Nr.: | 516008230 |
| Rated volume according to EN 12897: | 800 |
| Colour: | silver |
| Insulation according to DIN 4102-1 Fire Protection Class B2: | removable segment insulation |
| Weight [kg]: | 192 |
| Total height including insulation [mm]: | 1930 |
| Diameter without insulation [mm]: | 790 |
| Diameter with insulation [mm]: | 1015 |
| Tilt height [mm]: | 1900 |

Energy

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| Heat retaining loss according to EN 12897 [W]: | 51 |
| Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]: | 1,224 |
| Output capacity (45°C) [l]: | 457 |
| Performance indicator NL following DIN 4708: | 4,50 |

Tank

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| Real volume according to EN 12897 [l]: | 801 |
| p _{max} Tank [bar]: | 3 |
| t _{max} Tank [°C]: | 95 |
| t _{min} Tank [°C]: | 20 |

DHW heat exchanger

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| DHW heat exchanger area [m²]: | 8 |
| DHW heat exchanger volume [l]: | 34 |
| p _{max} DHW heat exchanger [bar]: | 6 |
| t _{max} DHW heat exchanger [°C]: | 95 |

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 heating element [thread]: | Rp 1 1/2" |
| Max. immersion depth of screw-in heater [mm]: | 800 |