



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.

General

OEG Nr.:	516008253
Rated volume according to EN 12897:	4000
Colour:	red
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable PES fleece insulation 0.036 W/(mK)
Weight [kg]:	454
Total height including insulation [mm]:	2900
Diameter without insulation [mm]:	1400
Diameter with insulation [mm]:	1600
Tilt height [mm]:	2935

Energy

Output capacity (45°C) [l]:	2285
Performance indicator NL following DIN 4708:	20

Tank

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]:	40
p_{\max} DHW heat exchanger [bar]:	6
t_{\max} DHW heat exchanger [°C]:	95



Connections

Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection cold / hot water:	R 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]:	1450