



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.:	516008256
Rated volume according to EN 12897:	5000
Colour:	blue
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable PES fleece insulation 0.036 W/(mK)
Weight [kg]:	532
Total height including insulation [mm]:	2900
Diameter without insulation [mm]:	1600
Diameter with insulation [mm]:	1800
Tilt height [mm]:	3020

## Energy

Output capacity (45°C) [l]:	2857
Performance indicator NL following DIN 4708:	25

## 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"
Max. immersion depth of screw-in heater [mm]:	1650