

## Pure+ Built-under Fresh-Water Storage Tank 150 litres vertical with upward connections



Fulfill your customers' highest demands on the hygiene of drinking water and efficiency - with the vertical OEG built-under fresh-water storage tanks!

The structure of the OEG fresh-water storage tanks is fundamentally different from usual large-volume domestic water tanks. A built-in corrugated stainless steel pipe separates the drinking water from the heating water and serves as a powerful heat exchanger at the same time. Thus, the advantages of a buffer tank are combined with those of a flow heater.

The drinking water flows through the corrugated stainless steel pipe in the water of the heated tank only if required. This leads to a very low energy consumption and legionella-free drinking water. You will not need a legionella protection programme in the regulation. At all times, consumers are provided with hygienically clean, fresh water at their desired temperature.

The storage tank has been designed with upward connections, and due to its compact design, it is particularly suitable for the heating of domestic water as a built-under fresh-water storage tank with wall-hung boilers. Dimensions have been chosen such that it can be installed as a replacement for the built-under tanks of other well-known manufacturers. Also as a new installation in conjunction with wall-hung boilers, this storage tank can show its advantages.

The vertical (standing), compact design allows for the use in places that must be ruled out for other storage tanks (e.g. below inclined walls and stairs). Thus, your customers can benefit from the advantages of a fresh-water storage tank even if space is limited.

The generously dimensioned heat exchanger surfaces provide a huge energy advantage compared to other products available in the market.

### Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005751 - Built-under Fresh-Water Storage Tank 150 litres vertical with upward connections
Energy efficiency class of the model:	A+
Heat retaining losses in watts:	28
Storage tank volume in litres:	150

### General

OEG Nr.:	516005751
Rated volume according to EN 12897:	150
Colour:	red
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	55
Total height including insulation [mm]:	985
Diameter with insulation [mm]:	610
Tilt height [mm]:	1130

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## 150 litres vertical with upward connections



### Energy

Energy efficiency class according to EU regulation no. 812/2013:	A+
Heat retaining loss according to EN 12897 [W]:	28
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	0,672
Output capacity (45°C) [l]:	85
Performance indicator NL following DIN 4708:	1

### Tank

Real volume according to EN 12897 [l]:	150
p <sub>max</sub> Tank [bar]:	3
t <sub>max</sub> Tank [°C]:	95
t <sub>min</sub> Tank [°C]:	20

### DHW heat exchanger

DHW heat exchanger area [m²]:	3
DHW heat exchanger volume [l]:	14
p <sub>max</sub> DHW heat exchanger [bar]:	6
t <sub>max</sub> DHW heat exchanger [°C]:	95

### Connections

Connection layout:	connections at the top
Connection sensor [Ø mm / terminal]:	6 mm
Connection cold / hot water:	Rp 1 1/4"
Connection heat generator [thread]:	R 3/4"