

Pure+ Horizontal Fresh-Water Storage Tank
120 litres



Fulfill your customers' highest demands on the hygiene of drinking water and efficiency - with the horizontal OEG hygienic storage tanks!

The structure of these 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 you can guarantee your customers 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 horizontal arrangement of the hygienic storage tanks makes them ideal for the use in places unsuitable for vertical (standing) storage tanks (e.g. below inclined walls and stairs). That is the reason why your customers can benefit from the advantages of a hygienic tank even when space is limited.

Just compare! Due to the horizontal arrangement of the heat exchangers in the horizontal OEG hygienic storage tanks, you can offer your customers benefits compared to other products in the market. Only by the horizontal installation of the heat exchangers, an efficient heat stratification is achieved. The generously dimensioned heat exchanger surfaces provide for another energetic advantage over 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:	516006324 - Horizontal Fresh-Water Storage Tank 120 litres
Energy efficiency class of the model:	A+
Heat retaininglosses in watts:	26
Storage tank volume in litres:	117

General

OEG Nr.:	516006324
Rated volume according to EN 12897:	120
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	55
Total height including insulation [mm]:	700
Width [mm]:	610
Length [mm]:	785

Pure+ Horizontal Fresh-Water Storage Tank

120 litres



Energy

Energy efficiency class according to EU regulation no. 812/2013:	A+
Heat retaining loss according to EN 12897 [W]:	26
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	0,624
Output capacity (45°C) [l]:	55
Performance indicator NL following DIN 4708:	0,80

Tank

Real volume according to EN 12897 [l]:	117
p _{max} Tank [bar]:	3
t _{max} Tank [°C]:	95
t _{min} Tank [°C]:	20

DHW heat exchanger

p _{max} DHW heat exchanger [bar]:	6
t _{max} DHW heat exchanger [°C]:	95

Connections

Connection layout:	front/rear
Connection sensor [Ø mm / terminal]:	6 mm
Connection heat generator [thread]:	R 1"
Connection heating element [thread]:	Rp 1 1/2"
Max. immersion depth of screw-in heater [mm]:	500