

# OEG Built-under Hot Water Storage Tank 120 l vertical with upward connections



Whether as a replacement or a new installation - the built-under OEG hot water storage tanks provide your customers with top quality and competitive advantages - for a fair price!

The hot water tank has been designed with upward connections. Due to its compact design, it is particularly suitable for the heating of domestic water as a built-under storage tank with wall-hung boilers. Dimensions have been chosen such that it is spare-compatible with the built-under tanks of other well-known manufacturers. Even as a new installation in conjunction with wall-mounted boilers, the storage tank can show its advantages.

The vertical, compact design allows for the use in places that must be ruled out for other hot water storage tanks (e.g. below inclined walls and stairs). Thus, your customers can benefit from the advantages even with restricted spaces. The generously dimensioned heat exchanger surfaces provide a huge energy advantage compared to other products in the market. An additional advantage is the laterally mounted service hatch which allows for a comfortable maintenance and cleaning of the storage tank and, if required, can also be equipped with an electric heating rod.

## Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005733 - Built-under Hot Water Storage Tank 120 l vertical with upward connections
Energy efficiency class of the model:	A+
Heat retaining losses in watts:	26
Storage tank volume in litres:	117

## General

OEG Nr.:	516005733
Rated volume according to EN 12897:	120
Colour:	red
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	65
Total height including insulation [mm]:	830
Diameter with insulation [mm]:	610
Tilt height [mm]:	950

## 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]:	196
Performance indicator NL following DIN 4708:	1,90

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## Tank

Real volume according to EN 12897 [l]:	117
p <sub>max</sub> Tank [bar]:	10
t <sub>max</sub> Tank [°C]:	95
t <sub>min</sub> Tank [°C]:	20

## Smooth-pipe heat exchanger

Smooth-pipe heat exchanger [number]:	1
Smooth-pipe heat exchanger area bottom [m²]:	1
Smooth-pipe heat exchanger volume bottom:	6,80
p <sub>max</sub> Smooth-pipe heat exchanger [bar]:	10
t <sub>max</sub> Smooth-pipe heat exchanger [°C]:	130

## Connections

Connection layout:	connections at the top
Connection sensor [Ø mm / terminal]:	6 mm
Connection cold / hot water:	R 3/4"
Connection heat exchanger [thread]:	Rp 1"
Connection circulation:	R 3/4"
Service hatch (LK 150):	115 / 180
Max. immersion depth of flange heater [mm]:	260