OEG Hot water storage tank 2,250 litres with 1 smoooth pipe heat exchanger

Hot-water storage tanks for heating up domestic water by means of boilers and low-temperature systems of all manufacturers. The inner surface of the storage tank is coated with a high-quality enamelling. The generously dimensioned heat exchanger surface that reaches down to the bottom ensures excellent heat transmission. A laterally positioned service hatch makes it possible to maintain and clean the storage tank conveniently, and it can be fitted with an electric heating element if required. The unrivalled OEG vacuum insulation of the storage tanks ensures there are significantly lower heat losses than the insulations of customary storage tanks.

General

OEG Nr.:	516008541
Rated volume according to EN 12897:	2250
Colour:	blue
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable PES fleece insulation 0.036 W/(mK)
Weight [kg]:	513
Total height including insulation [mm]:	2165
Diameter without insulation [mm]:	1250
Diameter with insulation [mm]:	1450
Tilt height [mm]:	2240

Energy

Output capacity (45°C) [l]:	3520
Performance indicator NL following DIN 4708:	56

Tank

Real volume according to EN 12897 [l]:	2241
p_{max} Tank [bar]:	10
t_{max} Tank [°C]:	95
t_{min} Tank [°C]:	20

Smooth-pipe heat exchanger

Smooth-pipe heat exchanger [number]:	1
Smooth-pipe heat exchanger area bottom [m²]:	4,90
Smooth-pipe heat exchanger volume bottom:	32
p_{max} Smooth-pipe heat exchanger [bar]:	10
t_{max} Smooth-pipe heat exchanger [°C]:	130

OEG Hot water storage tank 2,250 litres with 1 smoooth pipe heat exchanger

Connections

Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection cold / hot water:	R 1 1/4"
Connection heat exchanger [thread]:	Rp 1"
Connection circulation:	R 3/4"
Connection heating element [thread]:	Rp 1 1/2"
Service hatch (LK 150):	115 / 180
Max. immersion depth of flange heater [mm]:	1200
Max. immersion depth of screw-in heater [mm]:	1300