OEG Buffer storage tank 500 litres

This OEG buffer storage tank fulfills the highest demands on heat storage, particularly where those heat generators are used which achieve their optimal efficiency only under full load. (e.g. many solid fuel boilers). During the operation of the heat generator, more heat is produced than the consumers take. The excess heat heats the water of the buffer tank and is therefore stored. During stand-still periods this heat can be later retrieved, as needed. The OEG buffer storage tank is suitable as a primary cylinder for solar systems, heat pumps, wood- or pellet boilers and can also be used in district heating systems.

Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516008045 - Buffer storage tank 500 litres
Energy efficiency class of the model:	A+
Heat retaininglosses in watts:	43
Storage tank volume in litres:	516

General

OEG Nr.:	516008045
Rated volume according to EN 12897:	500
Colour:	white
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	96
Total height including insulation [mm]:	1770
Diameter with insulation [mm]:	760
Tilt height [mm]:	1925

Energy

Energy efficiency class according to EU regulation no. 812/2013:	A+
Heat retaining loss according to EN 12897 [W]:	43
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	1,032

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Tank

Real volume according to EN 12897 [l]:	516
p_{max} Tank [bar]:	3
t_{max} Tank [°C]:	95
t_{min} Tank [°C]:	20

Connections

Connection layout:	180°
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]:	600