



Fulfill your customers' highest demands on heat storage with the horizontal OEG buffer storage tanks!

Buffer tanks are primarily used for applications with heat generators whose optimal efficiency is achieved at full-load (e.g. solid fuel boilers). During the operation of the heat generator, the water of the buffer tank is heated and the heat is stored. In later stand-still periods this heat can be retrieved if required. The horizontal arrangement of buffer 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 buffer tank even when space is limited.

Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516006323 - Horizontal Buffer Tank 500 litres
Energy efficiency class of the model:	A+
Heat retaining losses in watts:	43
Storage tank volume in litres:	500

General

OEG Nr.:	516006323
Rated volume according to EN 12897:	500
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	123
Total height including insulation [mm]:	850
Width [mm]:	760
Length [mm]:	1730

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

Tank

Real volume according to EN 12897 [l]:	500
p_{\max} Tank [bar]:	3
t_{\max} Tank [°C]:	95
t_{\min} Tank [°C]:	20



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]:	1500