



This buffer storage tank fulfills the highest demands on heat storage. Due to its highly efficient insulation, the heat retaining loss is reduced significantly in comparison to customary storage tanks. The buffer storage tank is responsible for balancing the difference between generated energy and consumed energy. Thus, the heat generators can be operated more independently from the consumption.

Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516008181 - Buffer storage tank 400 litres
Energy efficiency class of the model:	A+
Heat retaining losses in watts:	40
Storage tank volume in litres:	419

General

OEG Nr.:	516008181
Rated volume according to EN 12897:	400
Colour:	red
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	88
Total height including insulation [mm]:	1725
Diameter with insulation [mm]:	710
Tilt height [mm]:	1865

Energy

Energy efficiency class according to EU regulation no. 812/2013:	A+
Heat retaining loss according to EN 12897 [W]:	40
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	0,960



Tank	
Real volume according to EN 12897 [l]:	419
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