



This buffer storage tank fulfills the highest demands on heat storage. Due to its highly efficient insulation, the heat-retaining loss is significantly reduced compared to common storage tanks. The purpose of the buffer storage tank is to balance the difference between generated heat and consumed heat. So the heat generators can be operated more independently from the consumption.

Data pursuant to EU regulation 814/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005340 - Buffer storage tank 1,000 l
Heat retaining losses in watts:	55
Storage tank volume in litres:	999

General

OEG Nr.:	516005340
Rated volume according to EN 12897:	1000
Colour:	silver
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable segment insulation
Weight [kg]:	243
Total height including insulation [mm]:	2350
Diameter without insulation [mm]:	790
Diameter with insulation [mm]:	1015
Tilt height [mm]:	2280

Energy

Heat retaining loss according to EN 12897 [W]:	55
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	1,320

Tank

Real volume according to EN 12897 [l]:	999
p _{max} Tank [bar]:	3
t _{max} Tank [°C]:	95
t _{min} Tank [°C]:	20



Connections

Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection heat generator [thread]:	Rp 1 1/2"
Connection heating element [thread]:	Rp 1 1/2"
Max. immersion depth of screw-in heater [mm]:	800