## OEG Buffer storage tank 800 l with 1 smoothpipe heat exchanger





This buffer storage tank fulfills the highest demands on heat storage, particularly where 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 can take. The excess heat heats the water of the buffer tank and is therefore stored. During later stand-still periods this heat can be retrieved, as needed.

The 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. Due to the additional smooth-pipe exchanger, another heat generator can be integrated, and its energy can be fed into the buffer tank additionally.

### Data pursuant to EU regulation 814/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005330 - Buffer storage tank 800 I with 1 smooth-pipe heat exchanger
Heat retaininglosses in watts:	51
Storage tank volume in litres:	799

#### General

516005330
800
silver
removable segment insulation
211
1930
790
1015
1900

#### Fnergy

Energy	
Heat retaining loss according to EN 12897 [W]:	51
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24	1,224

h]:

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Tank	
Real volume according to EN 12897 [I]:	799
p <sub>max</sub> Tank [bar]:	3
t <sub>max</sub> Tank [°C]:	95
t <sub>min</sub> Tank [°C]:	20
Smooth-pipe heat exchanger	
Smooth-pipe heat exchanger [number]:	1
Smooth-pipe heat exchanger area bottom [m²]:	2,60
Smooth-pipe heat exchanger volume bottom:	17
p <sub>max</sub> Smooth-pipe heat exchanger [bar]:	10
t <sub>max</sub> Smooth-pipe heat exchanger [°C]:	130
Connections	
Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection heat generator [thread]:	Rp 1 1/2"
Connection heat exchanger [thread]:	Rp 1"
Connection heating element [thread]:	Rp 1 1/2"
Max. immersion depth of screw-in heater [mm]:	800