



The OEG combination tank is perfectly suitable for drinking water heating and as a simultaneous support for the heating system due to its innovative tank-in-tank-system.

Ideal for hot water heatings, heat pumps, condensing, oil and gas boilers, solar heating, pellet and wood systems, wood burners and block heating systems. Also ideal as an addition to already existing units.

## Data pursuant to EU regulation 814/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005410 - Combi tank 800 l tank-in-tank 180 l drinking water
Heat retaining losses in watts:	50
Storage tank volume in litres:	788

## General

OEG Nr.:	516005410
Rated volume according to EN 12897:	800
Colour:	silver
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable segment insulation
Weight [kg]:	260
Total height including insulation [mm]:	1945
Diameter without insulation [mm]:	790
Diameter with insulation [mm]:	1015
Tilt height [mm]:	2010

## Energy

Heat retaining loss according to EN 12897 [W]:	50
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	1,200
Output capacity (45°C) [l]:	315
Performance indicator NL following DIN 4708:	6

## Tank

Real volume according to EN 12897 [l]:	788
p <sub>max</sub> Tank [bar]:	3
t <sub>max</sub> Tank [°C]:	95
t <sub>min</sub> Tank [°C]:	20
Buffet storage tank capacity (part of the actual capacity) [l]:	582

## Domestic hot water tank (enamelled according to DIN 4753-3)

Domestic hot water tank volume (Part of the real volume) [l]:	206
p <sub>max</sub> Domestic hot water tank [bar]:	10
t <sub>max</sub> Domestic hot water tank [°C]:	95

## 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 cold / hot water:	R 3/4"
Connection heat generator [thread]:	Rp 1 1/2"
Connection heat exchanger [thread]:	Rp 1"
Connection circulation:	R 1/2"
Connection heating element [thread]:	Rp 1 1/2"
Service hatch (LK 150):	115 / 180
Max. immersion depth of screw-in heater [mm]:	800