OEG Combination tank 800 litres tank-in-tank system 180 l potable water

Due to the innovative tank-in-tank-system particularly suitable for heating up potable water and as a support for the heating system at the same time.

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

Data pursuant to EU regulation 814/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516008159 - Combination tank 800 litres tank-in-tank system 180 l potable water
Heat retaininglosses in watts:	50
Storage tank volume in litres:	788

General

OEG Nr.:	516008159
Rated volume according to EN 12897:	800
Colour:	white
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

OEG Combination tank 800 litres tank-in-tank system 180 l potable water

Tank

Real volume according to EN 12897 [l]:	788
p_{max} Tank [bar]:	3
t_{max} Tank [°C]:	95
t_{min} 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_{max} Domestic hot water tank [bar]:	10
t_{max} 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_{max} Smooth-pipe heat exchanger [bar]:	10
t_{max} 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