OEG Combi tank 500 l tank-in-tank 150 litre drinking water



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 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005400 - Combi tank 500 l tank-in-tank 150 litre drinking water
Energy efficiency class of the model:	A+
Heat retaininglosses in watts:	43
Storage tank volume in litres:	503

General

OEG Nr.:	516005400
Rated volume according to EN 12897:	500
Colour:	silver
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	165
Total height including insulation [mm]:	1790
Diameter with insulation [mm]:	760
Tilt height [mm]:	1925

Energy

Energy efficiency class according to EU regulation no. 812/2013:	A+
Heat retaining loss according to EN 12897 [W]:	43
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	1,032
Output capacity (45°C) [l]:	236
Performance indicator NL following DIN 4708:	3

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Tank

Real volume according to EN 12897 [l]:	503
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]:	349

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

Domestic hot water tank volume (Part of the real volume) [l]:	154
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
Smooth-pipe heat exchanger volume bottom:	13
p_{max} Smooth-pipe heat exchanger [bar]:	10
t_{max} Smooth-pipe heat exchanger [°C]:	130

Connections

Connection layout:	180°
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 3/4"
Connection heating element [thread]:	Rp 1 1/2"
Service hatch (LK 150):	115 / 180