Reverse+ Buffer storage tank for cold and heat storage

High-quality buffer storage tank to be used for cooling and heating. To protect the surface against condensate during cooling mode, the storage tank is equipped with a special, high-grade anti-corrosion coating. These REVERSE+ storage tanks are excellently suitable for the application in conjunction with a heat pump that is supposed to be used for heating and cooling. Since there is the danger of condensation when storage tank temperatures are low while ambient temperatures are higher, there is the need for a special protection of the system modules involved. Accordingly, the surface of the REVERSE* storage tanks is particularly protected through the coating. The high-quality OEG A+ insulation reduces the temperature losses of these storage tanks to a minimum.

Data pursuant to EU regulation 812/2013

Name of supplier's trade marks:	OEG GmbH
Model identification of the supplier:	516005770 - Buffer storage tank for cold and heat storage
Heat retainingloss in watts:	36
Storage tank volume in litres:	298

General

OEG Nr.:	516005770
Rated volume according to EN 12897:	300
Colour:	white
Insulation according to DIN 4102-1 Fire Protection Class B2:	solid foamed insulation
Weight [kg]:	71
Total height including insulation [mm]:	1750
Diameter with insulation [mm]:	610
Tilt height [mm]:	1830

Energy

Heat retaining loss according to EN 12897 [W]:	36
Heat losses in stand-by mode according to DIN 12897 [kW/h / 24 h]:	0,864

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Tank

Real volume according to EN 12897 [l]:	298
p_{max} Tank [bar]:	3
t_{max} Tank [°C]:	95
t_{min} Tank [°C]:	10
t_{max} Ambient air [°C]:	30
Max. rel. air humidity [%]:	80

Connections

Connection layout:	180°
Connection sensor [Ø mm / terminal]:	6 mm
Connection heat generator [thread]:	R 1"
Connection heating element [thread]:	Rp 1 1/2"
Max. immersion depth of screw-in heater [mm]:	500