



This buffer storage tank fulfills the highest demands on heat storage. Due to its highly efficient insulation, the heat-retaining loss is significantly reduced compared to common storage tanks. The purpose of the buffer storage tank is to balance the difference between generated heat and consumed heat. So the heat generators can be operated more independently from the consumption.

General

OEG Nr.:	516005394
Rated volume according to EN 12897:	3000
Colour:	silver
Insulation according to DIN 4102-1 Fire Protection Class B2:	removable PES fleece insulation 0.036 W/(mK)
Weight [kg]:	345
Total height including insulation [mm]:	2300
Diameter without insulation [mm]:	1400
Diameter with insulation [mm]:	1600
Tilt height [mm]:	2405

Tank

p_{\max} Tank [bar]:	3
t_{\max} Tank [°C]:	95
t_{\min} Tank [°C]:	20

Connections

Connection layout:	90°
Connection sensor [Ø mm / terminal]:	6 mm
Connection heat generator [thread]:	Rp 1 1/2"
Connection heating element [thread]:	Rp 1 1/2"
Max. immersion depth of screw-in heater [mm]:	1200