

Jacket cylinder
vertical-horizontal

SP 180 Termo-S

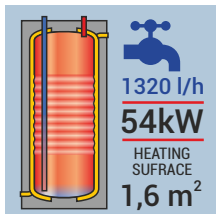
Water Jacket Cylinders
with a very large heating
surface, that can be mounted
in vertical or horizontal position



Additional equipment

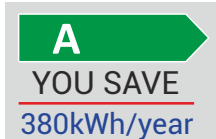
Immersion heaters can be installed on the cylinder:
GRW-1,4kW/230V; GRW-2,0kW/230V;
GRW-3,0kW/230V or GRW-4,5kW/400V.

Most important advantages



High power and efficiency

Tank in tank construction is characterised with the largest surface of heat transfer. SP-180 cylinder provides 30% more power and efficiency compare to 200 liters traditional cylinder with a heating coil. It ensures high comfort of use and fast hot water production.



Energy efficiency class A

SP-180.A cylinder ensures highest thermal insulation class. Heat losses are reduced up to 50%! Comparing to efficiency class C it saves up to 380kWh annually.



Can be mounted in any position

Special construction of cylinder and mounting bracket enable to mount the cylinder in vertical (standing or hanging) or horizontal position.



Enamelling technology

Kospel company launched Poland's first fully automated enamelling powder system. Tanks are made of high quality of steel and are secured over the entire surface by evenly applied layer of enamel with optimal thickness.



Corrugated walls technology

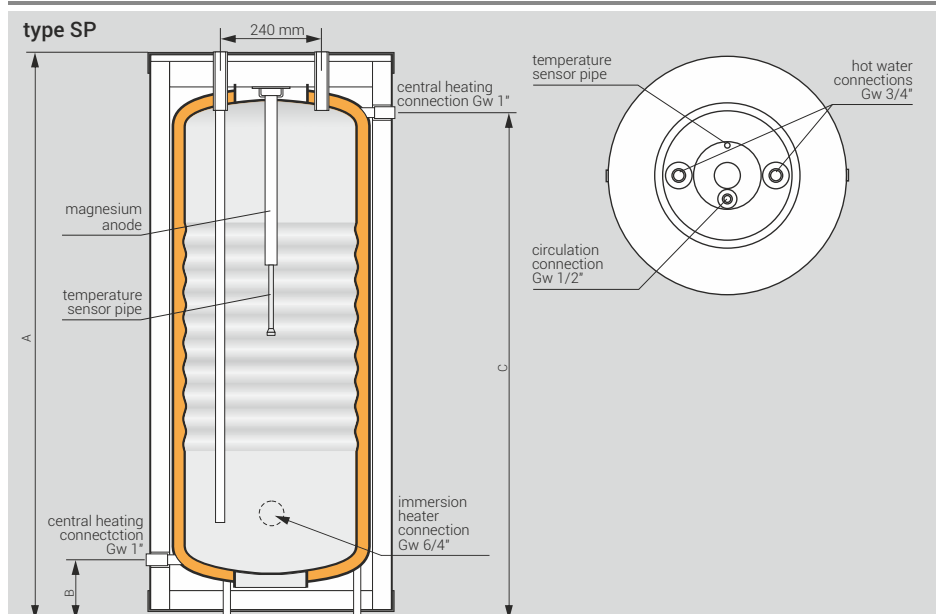
Corrugated walls additionally enlarge the heating surface and allows installing of heat exchangers in closed systems (with jacket rated pressure 0,3 MPa).



Unbeatable quality

Quality control system covers all production stages. Each device is being fully checked before shipment. Fault factor is as low as 0,06%.

Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)
SP-180.A	698	1618	160	1392
SP-180	595	1500	132	1364
Rated pressure (cylinder / jacket)		0,6 / 0,3		
Energy efficiency class	SP-180.A	A		
	SP-180	C		

Technical data

Type	Storage capacity total / DHW / CH (l)	Surface of heat transfer (m ²)	Cylinder power * (kW)	Stand-by losses ** (W)	Anode type
SP-180.A.TERMO-S	183 / 140 / 43	1,6	54	33	AMW.M8.450
SP-180.TERMO-S	183 / 140 / 43	1,6	54	76	AMW.M8.450

* Following parametres 80/10/45°C – heating water temp./feed water temp./domestic water temp., flow rate of heating water through the coil 3,0 m³/h.

** In line with EU Commission resolution no. 812/2013, 814/2013