



WATER HEATER SWP2

with increased heat exchanger surface for higher efficiency

Suitable for space heating, solar water heating and heat pump systems with large number of consumers.

Product Features

CFC free hard PU-foam insulation with thickness of 50 mm and aesthetic PVC coating in RAL 9006 or other colors on demand

Storage tank made of low-carbon steel with titanium enamel in accordance with DIN 4753-3

Magnesium anode for cathodic corrosion protection in accordance to DIN 4753-6

Inspection opening Ø180

All threads are internal

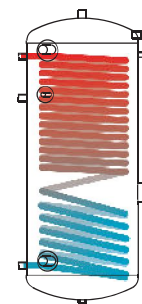
Large-sized (1") sleeves of heat exchangers to facilitate flow

Two coils with increased heat exchanger surface for maximum efficiency

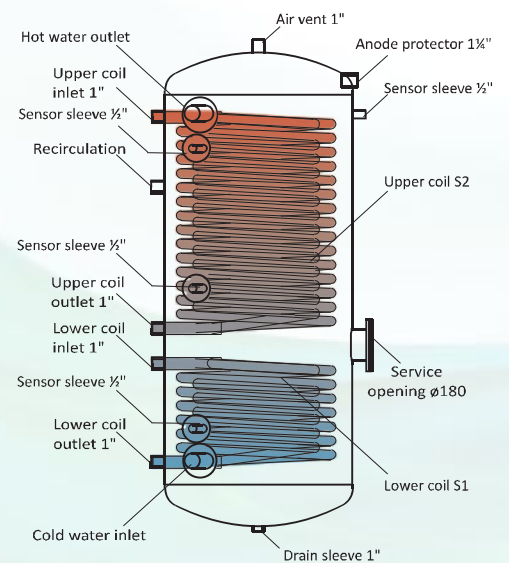
Compressive strength
Tank: 10 bar; Heat exchangers: 16 bar

Thermometer gauge

Thermoregulator and heating element as a back-up source of heat are available as an option



model SWP



model SWP2

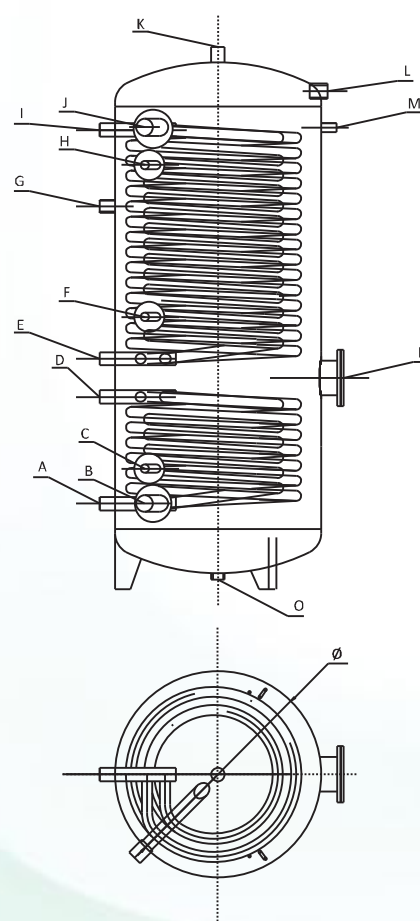


SUNSYSTEM®

Energy from the sun

Technical specification:

Model		SWP2 300	SWP2 400	SWP2 500	
Volume	l	300	400	500	
Height H	mm	1420	1470	1720	
Diameter D	mm	ø 660	ø 750	ø 750	
Operating pressure / max. temperature	bar/°C	10/95	10/95	10/95	
Testing pressure of tank	bar	15	15	15	
Lower coil S1	Heat-exchanger surface	m ²	1.2	1.75	2.03
	Prolonged power according to DIN 4708; 80/45/10 °C	kW m ³ /h	53 1.30	68 1.67	75 1.84
	NL – power coefficient at 60°C		11	14	18
	Pressure drop Δp	mbar	55	70	90
Upper coil S2	Heat-exchanger surface	m ²	2.7	3.2	4.36
	Prolonged power according to DIN 4708; 80/45/10 °C	kW m ³ /h	75 1.84	82 2.01	94 2.31
	NL – power coefficient at 60°C		17	22	29
	Pressure drop Δp	mbar	70	85	120
Operating pressure / max. operating temperature of coils	bar/°C	16/110	16/110	16/110	
Testing pressure of coils	bar	25	25	25	
Thermometer		✓	✓	✓	
Lower coil outlet 1"	A	215	270	270	
Cold water inlet	B	215-1"	270-1¼"	270-1½"	
Sensor sleeve ½"	C	325	380	380	
Lower coil inlet 1"	D	456	562	606	
Upper coil outlet 1"	E	578	678	726	
Sensor sleeve ½"	F	697	755	858	
Recirculation	G	1007-¾"	1105-1"	1206-1"	
Sensor sleeve ½"	H	1070	1130	1336	
Upper coil inlet 1"	I	1155	1210	1446	
Hot water outlet	J	1182-1"	1240-1¼"	1475-1½"	
Air vent 1"	K	1410	1460	1710	
Anode protector 1¼"	L	1410	1318	1568	
Sensor sleeve ½"	M	1170	1152	1453	
Service opening ø180	N	516	618	666	
Drain sleeve 1"	O	30	30	30	
Weight	kg	130	160	190	



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