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WATER HEATERS FOR HEAT PUMP SYSTEMS SUNSYSTEM SWP NL- WITH ONE COIL

Its height is compensated by its smaller diameter; Heat exchanger coil with increased surface. Suitable for solar water heating, space-heating, and heat pump systems with large number of consumers.

FEATURES

Energy Efficiency

Aesthetic PVC jacket

Easy installation

Convenient inspection opening

Optional kit for electric heating

PRODUCT FEATURES:

- High efficiency insulation and outer casing of PVC with RAL 9006 color
- Multi-position mounting of temperature sensor. Complex corrosion protection realized by means of titanium enamel and anode protection.
- All threads are internal.
- Easy installation./li>
- Convenient inspection opening.
- High efficiency heat exchanger coil with increased surface.
- Optional kit for electric heating with nominal power 3kW, 4.5kW, 6kW or 7.5kW.

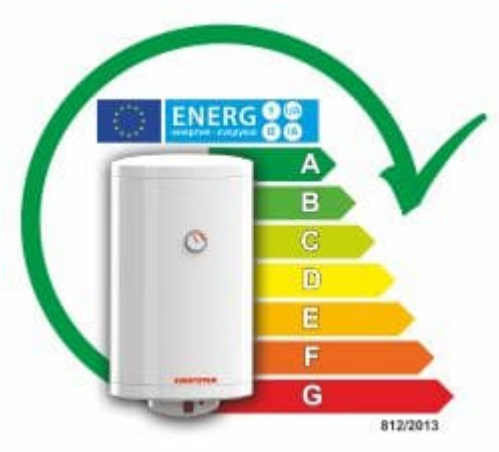
MODIFICATIONS AND SIZES, LITERS:

- 300, 400, 500

ENERGY EFFICIENCY

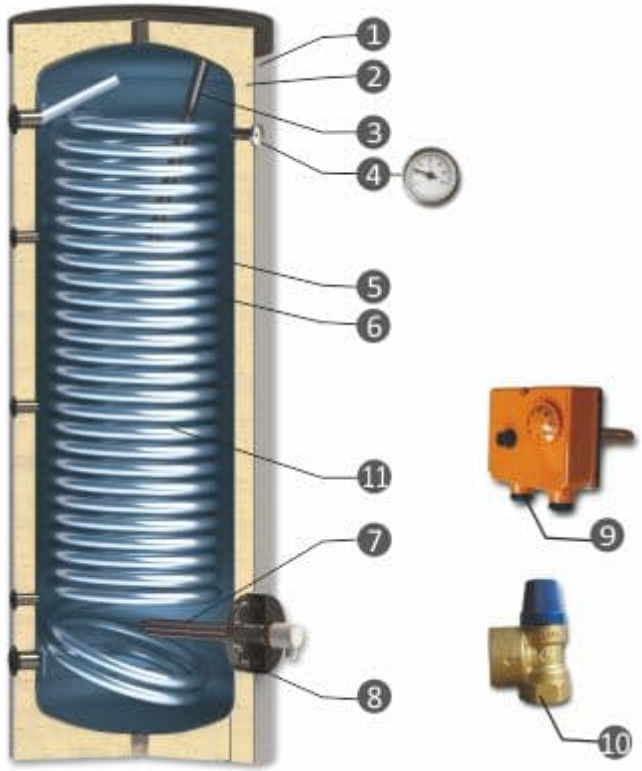
- Directive 2010/30 /EU, Regulation 812/2013:

- Class C – depending on the volume of the water heater

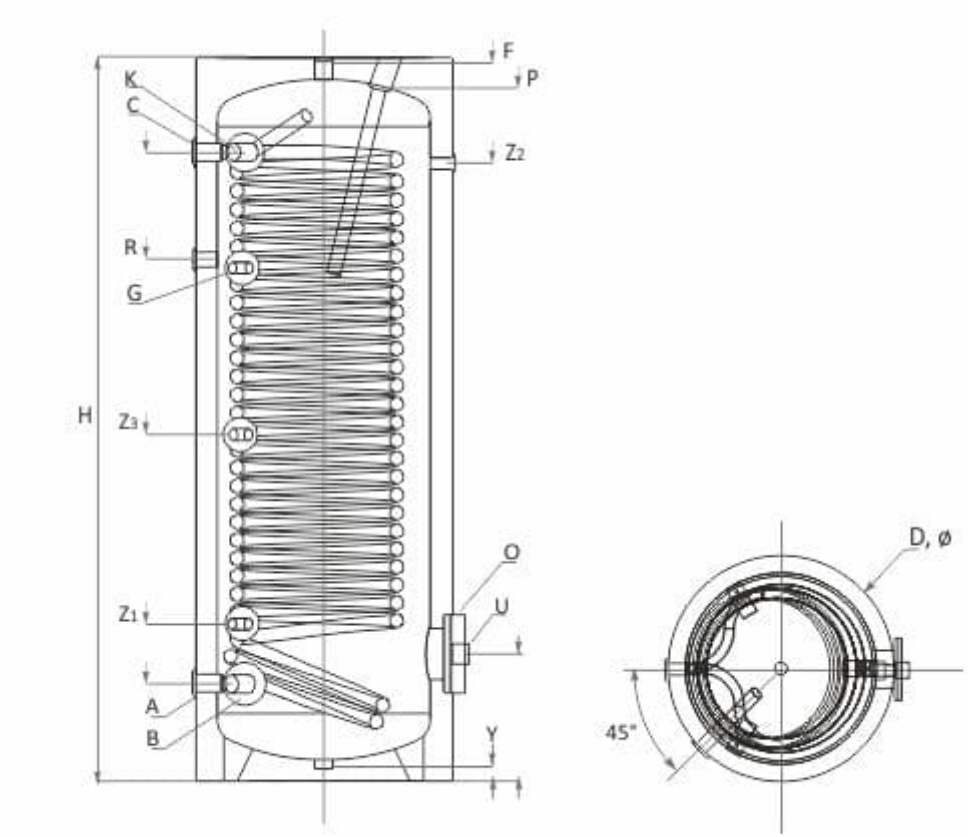


ELEMENTS:

1 – Aesthetic PVC jacket with color RAL 9006
2 – Highly efficient thermal insulation
3 – Thermometer
4 – Anode protector (DIN 4753-6)
5 – Water tank of low-carbon steel
6 – Titanium enamel (DIN 4753-3)
7 – Electric heating element
8 – Inspection opening with flange cover
9 – Thermostat with integrated thermal protection
10 – Safety valve, 8 bar
11 – High efficiency heat exchanger coil



TECHNICAL SPECIFICATIONS



SWP NL			SWP NL 300	SWP NL 400	SWP NL 500
capacity	L		300	400	500
	Height H / Installation height	mm	1695/1801	1669/1811	1895/2023
	Diameter D	mm	ø 610	ø 710	ø 750
	Working pressure / max. temperature	bar/°C	10/95	10/95	10/95
	Test pressure tank	bar	15	15	15
Lower coil S1	Surface	m2	3.3	3.9	4.6

Capacity coil	L	20.4	23.6	28.3
Continuous power DIN 4708; 80/60/45 ° C	kW m3 /h	90 2.21	115 2.70	130 3.19
NL – a power coefficient. at 60 ° C				
Pressure loss Δp	mbar	230	379	569
Working pressure / max. temperature of the coils	bar/°C	16/110	16/110	16/110
Pressure test coil	bar	25	25	25
Thermometer		опция	опция	опция
Anode		да	да	да
El. Heater (optional)	kW	3/4.5/6	3/4.5/6/7.5	3/4.5/6/7.5
Weight	kg	131	175	196
Lower output coil S1	A, mm	G1"/228	G1"/260	G1"/250
Login cold water	B, mm	G1"/228	G1¼“/260	G1½“/250
Login lower coil S1	C, mm	G1"/1476	G1"/1390	G1"/1626
Exit upper coil S2	E, mm			
Thermoregulator	G, mm	G½“/1220	G½“/1176	G½“/1298
Recirculation	R, mm	G¾“/1224	G1"/1180	G1"/1392
Login upper coil S2	I, mm			
Exit hot water	K, mm	G1"/1476	G1¼“/1420	G1½“/1643
Venting	F, mm	G1"/1695	G1"/1669	G1"/1895
Manhole / flange	O, ø mm	110/180 298	110/180 345	110/180 345

Draining	Y, mm	G1"/30	G1"/30	G1"/30
Anode	P, mm	G1¼"/1695	G1¼"/1524	G1¼"/1750
Electric heater (optional)	U, mm	G1½"/298	G1½"/345	G1½"/345
Slot for additional sensor	Z, mm	G½"/368 G½"/813 G½"/1204	G½"/420 G½"/695 G½"/1100	G½"/433 G½"/966 G½"/1372

PRODUCTS

HEATING APPLIANCES

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