

## WATER HEATERS FOR HEAT PUMP SYSTEMS SUNSYSTEM SWP 2N – WITH TWO COILS

With extra-sized heat exchangers surface; suitable for solar water heating, space-heating, and heat pump systems with large number of consumers.

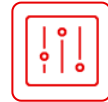
## FEATURES



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
- Convenient inspection opening
- High efficiency heat exchanger coils
- Optional kit for electric heating with nominal power 3kW, 4.5kW, 6kW or 7.5kW

## MODIFICATIONS AND SIZES, LITERS:

- 300, 400, 500

## ENERGY EFFICIENCY

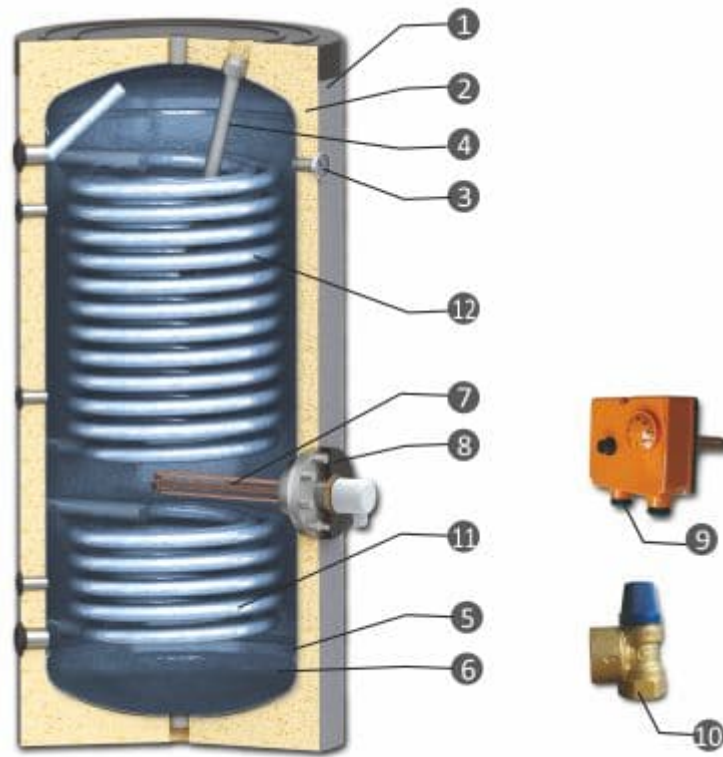
- Directive 2010/30 /EU, Regulation 812/2013:
- Class C capacity from 300 to 500 Liters.



## ELEMETNS:

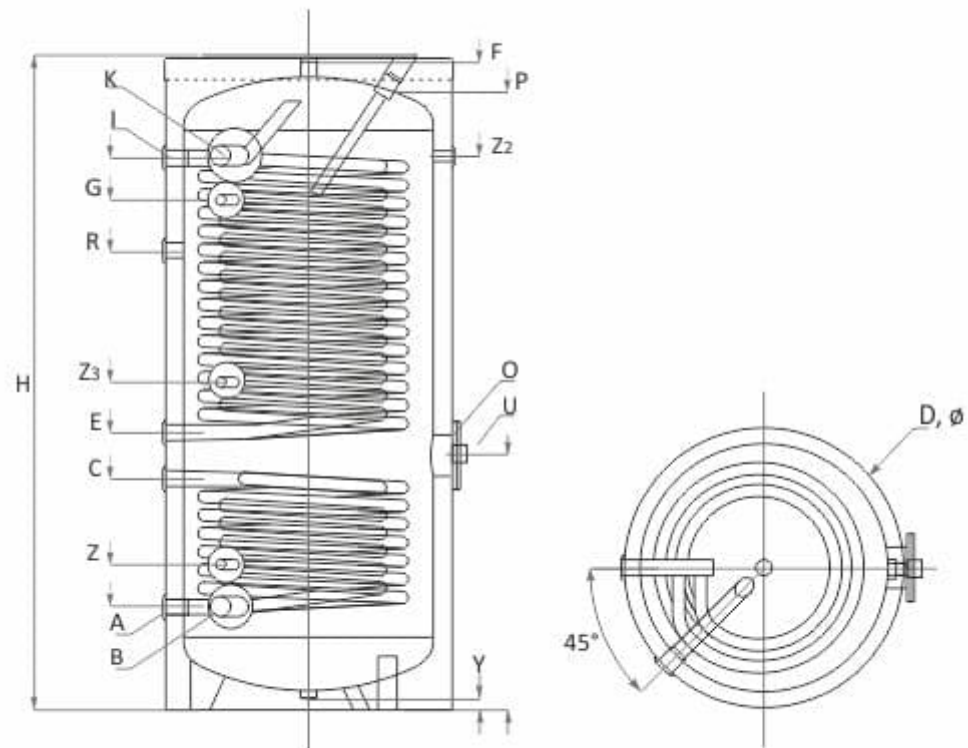
- 1 – Aesthetic PVC jacket with color RAL 9006
- 2 – Highly efficient thermal insulation
- 3 – Thermometer
- 4 – Anode protector (DIN 4753-6)
- 5 – Titanium enamel (DIN 4753-3)
- 6 – Electric heating element
- 7 -Water tank of low-carbon steel
- 8 – Inspection opening with flange cover
- 9 – Thermostat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





## TECHNICAL SPECIFICATIONS





SWP 2N		SWP 2N 300	SWP 2N 400	SWP 2N 500	
	capacity	L	300	400	500
	Height H / Installation height	mm	1420/1580	1470/1670	1720/1890
	diameter D	mm	ø 660	ø 750	ø 750
	Rab.nalyagane / max. temperature	bar/°C	10/95	10/95	10/95
	Test pressure tank	bar	15	15	15
Down coil S1	Toplobmenna surface	m2	1.2	1.5.	1.8

	Capacity coil	L	6.5	10	11.8
	Continuous power DIN 4708; 80/60/45 ° C	kW m3 /h	53 1.30	62 1.52	72 1.77
	NL – a power coefficient. at 60 ° C		11	14	18
	Pressure loss $\Delta p$	mbar	55	70	90
	surface	m2	2.7	3.2	4.36
	Capacity coil	L	16.1	18.9	26
Hight coil S2	Continuous power DIN 4708; 80/60/45 ° C	kW m3 /h	75 1.84	82 2.01	94 2.31
	NL – a power coefficient. at 60 ° C		17	22	29
	Pressure loss $\Delta p$	mbar	70	85	120
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	145	198	236
	Lower output coil S1	A, mm	G1"/215	G1"/270	G1"/270
	Login cold water	B, mm	G1"/215	G1¼"/270	G1½"/270
	Login lower coil S1	C, mm	G½"/456	G½"/562	G½"/606
	Exit upper coil S2	E, mm	G1"/578	G1"/678	G1"/726
	thermoregulator	G, mm	G½"/1170	G1"/1152	G1"/1453



recirculation	R, mm	G $\frac{3}{4}$ "/1007	G1"/1105	G1"/1206
Login upper coil S2	I, mm	G1"/1155	G1"/1210	G1"/1446
Exit hot water	K, mm	G1"/1182	G1 $\frac{1}{4}$ "/1240	G1 $\frac{1}{2}$ "/1475
venting	F, mm	G1"/1410	G1"/1460	G1"/1710
Manhole / flange	O, $\emptyset$ mm	110/180 516	110/180 618	110/180 666
draining	Y, mm	G1"/30	G1"/30	G1"/30
anode	P, mm	G1 $\frac{1}{4}$ "/1410	G1 $\frac{1}{4}$ "/1318	G1 $\frac{1}{4}$ "/1568
Electric heater (optional)	U, mm	G1 $\frac{1}{2}$ "/516	G1 $\frac{1}{2}$ "/618	G1 $\frac{1}{2}$ "/666
Slot for additional sensor	Z, mm	G $\frac{1}{2}$ "/697 G $\frac{1}{2}$ "/1070 G $\frac{1}{2}$ "/325	G $\frac{1}{2}$ "/755 G $\frac{1}{2}$ "/1130 G $\frac{1}{2}$ "/380	G $\frac{1}{2}$ "/858 G $\frac{1}{2}$ "/1336 G $\frac{1}{2}$ "/380

## PRODUCTS

HEATING APPLIANCES

WATER HEATERS BUFFER TANKS

SOLAR COLLECTORS

INDUSTRIAL SOLUTIONS







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