

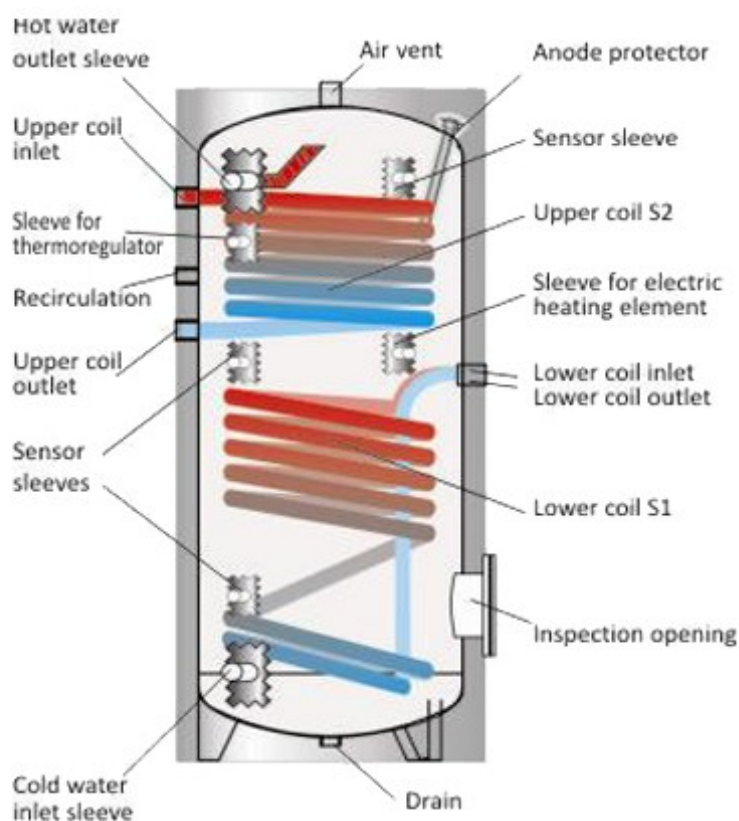


## Solarni bojler ST

Bivalent S1/S2

· Zapremina: 200,300,400,500 L

- Tank materijal: Čelik-S235JR, unutrašnjost tanka obložena staklasto porcelanskim emajlom u skladu sa Nemačkim visokim standardom o zaštiti i sanitarno-zdravstvenoj ispaavnosti DIN 4753-3.
- Magnezijumska anoda za zaštitu od korozije u svim emajliranim modelima.
- Čvrstoća rezervoara: 10 bara, izmjenjivači toplote: 16 bara.
- Velika površina izmjenjivača toplote za maksimalnu energetska efikasnost.
- Termoizolacija PU 50-100 mm garantuje visoku uštedu energije.
- Estetski spoljni omotač u RAL 9006 sa crnim plastičnim kapama sa oznakama za priključke.
- Pored dugog radnog veka, 5 godina garancije rezervoara



Solar water tank ST



Twin-line solar pump station

Technical specification:

Model		So ST 200	So ST 300	So ST 400	So ST 500	
Volume	l	200	300	400	500	
Height H	mm	1340	1420	1470	1720	
Diameter D	mm	ø 560	ø 660	ø 750	ø 750	
Operating pressure / max. temperature	bar/°C	10/95	10/95	10/95	10/95	
Testing pressure of tank	bar	15	15	15	15	
Lower coil S1/Upper coil S2	Heat-exchanger surface	m <sup>2</sup>	0.9/0.6	1.2/0.9	1.5/1	1.8/1.2
	Heat-exchanger volume	l	5.55/3.70	7.40/5.55	9.25/6.17	11.10/7.40
	Prolonged power according to DIN 4708; 80/60/45 °C	kW m <sup>3</sup> /h	29/18 0.71/0.44	53/21 1.30/0.52	62/27 1.52/0.66	72/34 1.77/0.84
	NL – power coefficient at 60°C		4.5/1.5	11/2	13/2.2	18/2.8
	Pressure drop Δp	mbar	75/55	120/70	180/20	210/90
	Operating pressure / max. operating temperature of coils	bar/°C	16/110	16/110	16/110	16/110
Testing pressure of coils	bar	25	25	25	25	
Thermal indicator		✓	✓	✓	✓	
Heating element wattage	kW	3	4.5	6	7.5	
Lower coil outlet	A	R1" 692	R1" 805	R1" 850	R1" 960	
Cold water inlet	B	R1" 202	R1" 215	R1¼" 270	R½" 270	
Sensor sleeve	C	R½" 302	R½" 320	R½" 450	R½" 450	
Lower coil inlet	D	R1" 692	R1" 805	R1" 850	R1" 960	
Sensor sleeve	E	R½" 752	R½" 852	R½" 901	R½" 1011	
Upper coil outlet	F	R1" 812	R1" 894	R1" 952	R1" 1062	
Recirculation	G	R¾" 987	R¾" 1007	R1" 1105	R1" 1206	
Thermoregulator sleeve	H	R½" 1037	R½" 1104	R½" 1054	R½" 1206	
Upper coil inlet	I	R1" 1112	R1" 1170	R1" 1210	R1" 1350	
Hot water outlet	J	R1" 1168	R1" 1182	R1¼" 1240	R½" 1453	
Air vent sleeve	K	R1" 1340	R1" 1410	R1" 1460	R1" 1710	
Anode protector	L	R1¼" 1340	R1¼" 1410	R1¼" 1318	R1¼" 1568	
Sensor sleeve	M	R½" 1138	R½" 1170	R½" 1452	R½" 1453	
Heating element sleeve	N	R1½" 752	R1½" 852	R1½" 901	R1½" 1011	
Inspection opening ø180/ø110	O	309	320	450	450	
Drain	P	30	30	30	30	
Weight enameled/CrNi	kg	110/75	130/108	160/141	190/165	
Solar station	Control Unit	DeltaSol BS				
	Circulation pump	WILO Star ST15/6 (solar grade)				
	Nominal size	DN 20				
	Material	Fittings brass, Sealings Viton/Teflon, Insulation EPP				
	Safety valve	6 bar				
	Spring pressure of non-return valve	2 x 200 mm head = 400mm head in total				
	Flowmeter	1 ... 13 l/min				
	Maximum temperature	+110 °C, peak temp +180 °C				
	Connections	¾" IT				

