

DHW

HOT WATER TANK

SONNENKRAFT

EASY

Plug& Flow - every part made for easy installation

EFFICIENT

Best price-performance ratio.

EXTRA

Unique design to reduce space, with pre-mounted high efficiency pump including pre-set control unit..



TECHNICAL DATA

Type	UNIT	DHW300PR2	DHW400PR2	DHW500PR2
Capacity	l	287	366	451
Diameter, with insulation D	mm	600	700	700
Height, with insulation H	mm	1794	1591	1921
Tilted height, without lid	mm	1876	1713	2022
Weight	kg	123	138	160
max. domestic water pressure	bar		10	
max. solar circuit pressure	bar		10	
max. operating pressure heating	bar		10	
max. operating water temp.	°C		95	
max. operating temp. solar circuit	°C		110	
max. heating system temperature	°C		110	
Surface area solar heat exchanger	m ²	1,41	1,53	1,95
Surface area heating register	m ²	0,75	1	1,28
Solar heat exchanger capacity	l	8,12	12,9	13,62
Heating syst. heat exchanger cap.	l	5,18	6,97	8,92
Performance indicator N_L solar heat exchanger	N_L / kW	4,1 / 36	9,4 / 43	14,7 / 60
Performance indicator N_L upper heat exchanger	N_L / kW	2,5 / 27	5,7 / 31	8,9 / 40
1 Cold water	R mm	1" 90	1" 55	1" 55
2 Hot water	R mm	1" 1728	1" 1526	1" 1856
3 Circulation	R mm	3/4" 1180	3/4" 1112	3/4" 1264
4 Solar flow	G mm	3/4" 620	3/4" 639	3/4" 774
5 Solar return	G mm	3/4" 620	3/4" 639	3/4" 774
6 Sensor immersion sleeve	mm	∅ 12 751	∅ 12 771	∅ 12 774
7 Inspection flange / electric heater flange	mm	DN 110 940	DN 110 726	DN 110 995
8 Heating flow	R mm	1" 1425	1" 1355	1" 1604
9 Heating return	R mm	1" 1065	1" 1007	1" 1115
10 Sensor immersion sleeve	mm	∅ 16 1065	∅ 16 1224	∅ 16 1411
Anode	mm	∅ 33 x 590	∅ 33 x 690	∅ 33 x 850
ErP Angaben (inkl. Solarstation RLGHE)				
Storage volume	l	300	386	474
Standing loss S	W	83	87	101
Energy efficiency class	-	C	C	C
Pump power consumption (50% nominal power) acc. ErP Lot2	W		35	
Standby power consumption acc. ErP Lot2	W		0,60	

Schematic drawing DHW

