

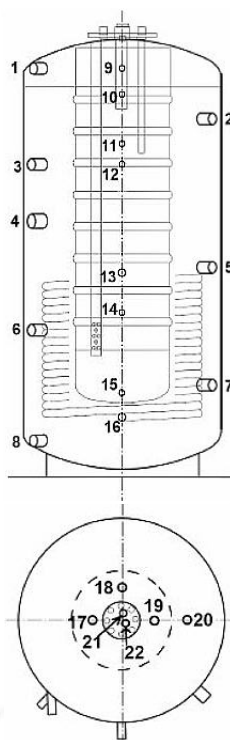


NEHS Solar combination tank SKS

The main problem with combination buffer storage tanks with interior domestic hot water tanks is the design of the interior wall which is not resistant to back pressure and may thus be damaged in case of wrong filling. This problem is solved in a brilliant and simple way with our storage system: The interior tank for the drinking water is provided with rolled-in grooves for a perfect and solid tank wall. In addition, the storage tank surface area is increased and thus improved drinking water capacity is achieved.



Technical data	Measures	Combi 650	Combi 800	Combi 1000
Capacity total	L	650	800	1000
Capacity heating water	L	500	550	750
Diameter (with Insulation)	mm (inch)	950	990	990
Diameter (without Insulation)	mm (inch)	750	790	790
Height (with Insulation)	mm (inch)	1730	1910	2090
Height (without Insulation)	mm (inch)	1650	1830	2010
Topple measure	mm (inch)	1780	2000	2110
Weight	kg	225	251	271
Insulation PU foam	mm (inch)	100	100	100
Working temperature buffer max.	°C	95	95	95
Working pressure buffer max.	bar	3	3	3
Volume hot water	L	150	250	250
Working temperature boiler max.	°C	95	95	95
Working pressure boiler max.	bar	6	6	6
Heating surface solar exchanger	m ²	2,4	2,8	3,0
Volume solar exchanger	L	14,5	19,5	21,5
Working temperature heat exchanger max.	°C	110	110	110
Working pressure heat exchanger max.	bar	10	10	10



Circuit points	Measures	Combi 650	Combi 800	Combi 1000
1 = Log burner flow	R 1" IT	1510	1690	1870
2 = Oil / Gas burner flow	R 1" IT	1315	1440	1620
3 = Heating flow	R 1" IT	1120	1190	1370
4 = Screw-in heater	R 1 1/2" IT	1000	1060	1140
5 = Heating return	R 1" IT	840	930	1020
6 = Oil / Gas burner return	R 1" IT	540	670	670
7 = Idle	R 1" IT	345	420	420
8 = Log burner return	R 1" IT	150	170	170
9 = Sensor muff	R 1/2" IT	1510	1690	1870
10 = Sensor muff	R 1/2" IT	1420	1590	1770
11 = Sensor muff	R 1/2" IT	1220	1290	1470
12 = Sensor muff	R 1/2" IT	1120	1190	1370
13 = Flow sensor	R 1" IT	800	830	990
14 = Sensor muff	R 1/2" IT	670	730	770
15 = Sensor muff	R 1/2" IT	340	370	370
16 = Solar return	R 1" IG	240	270	270
17 = Cold water	R 1" OT	above	above	above
18 = Circulation	R 1" OT	above	above	above
19 = Hot water	R 1" OT	above	above	above
20 = Venting	R 1/2" TG	above	above	above
21 = Anode	-	∅ 33 x 400	∅ 33 x 400	∅ 33 x 400
22 = Probe	-	above	above	above