

Product information

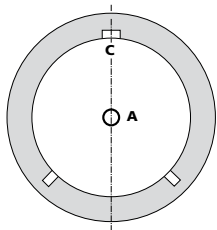
Solar stratified storage tank

PS/PSW

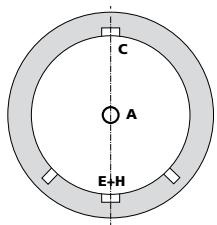
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Technical data

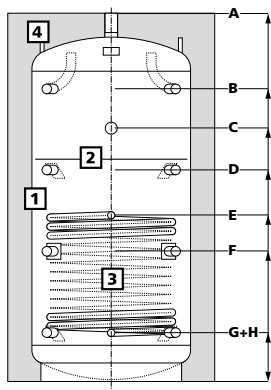
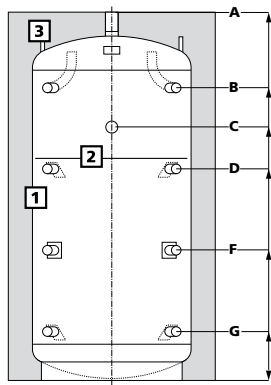
	PS500 PSW500	PS800 PSW800	PS900 PSW900	PS1000 PSW1000	PS1500	PS2000
Rated volume (total) [l]	500	800	900	1000	1500	2000
Diameter, uninsulated [mm]	650	790	790	790	1000	1100
Diameter, insulated [mm]	850	990	990	990	1200	1300
Height, uninsulated [mm]	1710	1795	2092	2195	2120	2400
Height, insulated [mm]	1720	1805	2102	2205	2130	2410
Diagonal height [mm]	1745	1835	2130	2230	2180	2465
Weight Type PS [kg]	105	147	160	171	213	334
Weight Type PSW [kg]	143	202	215	244	-	-
Permissible overpressure, storage tank [bar]	3	3	3	3	3	3
Permissible pressure, heat exchanger [bar]	16	16	16	16	-	-
Permissible temperature, storage tank [°C]	95	95	95	95	95	95
Permissible temperature, heat exchanger [°C]	110	110	110	110	-	-
Heating surface / heat exchanger [m ²]	2,5	2,5	3,2	3,2	-	-
Volume of heat exchanger [l]	15,7	15,7	20,1	20,1	-	-
Connection A (1 1/2", female thread) [mm] (= bleed)	1710	1795	2092	2195	2120	2400
2 x Connection B (1 1/2", female thread) [mm]	1405	1446	1766	1866	1720	1985
Connection C E-heating (1 1/2", female thread) [mm]	1195	1196	1408	1476	1403	1595
2 x Connection D (1 1/2", female thread) [mm]	1045	1046	1258	1326	1253	1445
Connection E solar flow (1", male thread) [mm]	870	816	946	946	-	-
2 x Connection F (1 1/2", female thread) [mm]	645	646	752	786	786	905
2 x Connection G (1 1/2", female thread) [mm]	245	246	246	246	320	365
Connection H solar return (1", male thread) [mm]	245	246	246	246	-	-



- 1** Buffer storage tank
- 2** Laminated plate
- 3** Thermal insulation



- 1** Buffer storage tank
- 2** Laminated plate
- 3** Solar heat exchanger (PSW model only)
- 4** Thermal insulation



PS/PSW solar stratified storage tanks are ideal elements for high-end solar systems. The versatile buffer storage tanks with sensors that can be variably positioned are often operated with fresh water and stratified loading modules during solar backup heating and biomass heating. The removable 100 mm thick soft foam insulation layer in combination with good stratification through built-in hydrodynamic brakes and welded shim enables a highly efficient use of the solar system.

Advantages

- Universal installation through many connections, extra long connecting sockets
- High quality and long service life
- Excellent heat transmission through large straight-tube heat exchanger
- Good stratification through built-in hydrodynamic brakes and welded shim
- Ideal for heat pumps, condensing boilers and solar use due to low return flow temperatures
- Several stratified storage tanks can be combined via corrugated pipe connecting hoses
- CFC-free soft foam insulation layers, 100 mm thick at the sides and top, 50 mm at the bottom
- Resilient polystyrene shell creates high-end appearance
- Variable sensor positioning for individual user requirements
- Optimal design for the best possible temperature stratification

Information
also at

www.westfa.com