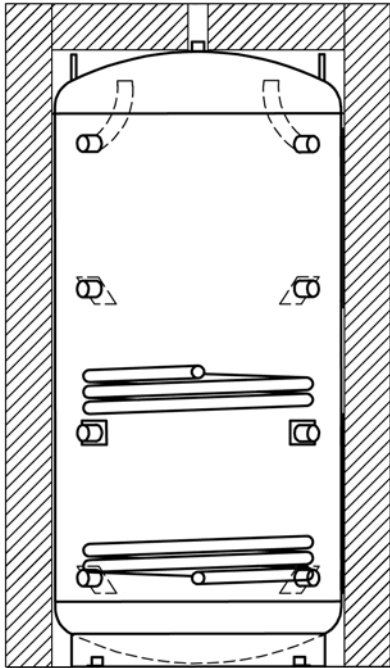


Buffer Storage Tank

Type PS / PSR
500 to 1,500 lt capacity



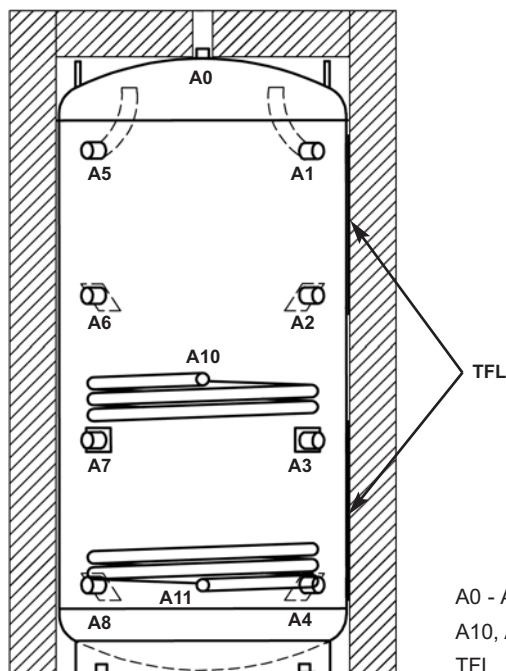
- External or internal heat exchanger
- Variable tank volume: 500, 800, 1,000, 1,500 lt
- High energy savings by extra thick tank insulation (100 mm) and large scale heat exchanger for optimal yield
- Insulation easy to remove and to remount
- Tank fits through almost every door
- It is possible to combine several tanks in any order for bigger systems

Technical Data

Volume	500 to 1,500 litres
Heat Exchanger	1 tube heat exchanger 2.5 to 4.3 m ²
Buffer max. operating pressure	3 bar
Max. working temperature	95°C
Warranty	See general terms and conditions of sales of PHÖNIX SonnenWärme AG

Technical Data

Type	PS/PSR 500	PS/PSR 800	PS/PSR 1000	PS/PSR 1500
Volume	500 litres	800 litres	1,000 litres	1,500 litres
Insulation	PU-soft foam, 100 mm, removable			
Height with insulation (m)	1.70	1.80	2.20	2.13
Diameter with insulation (m)	0.81	0.99	0.99	1.20
Diameter without insulation (m)	0.65	0.79	0.79	1.00
Tilt height	1.71	1.78	2.18	2.15
Connection(s) buffer	1 1/2" IG (female thread)			
Connection(s) solar	1" AG (male thread)			
Lost with $\Delta T = 40K$ (in kWh/24h)	< 3.5	< 4.1	< 4.5	< 5.2
Weight PS / PSR (kg)	95 / 120	157 / 197	165 / 217	230 / 300



- A0 - A8 Buffer connection options (1 1/2" female)
- A10, A11 Connections of the solar system (1" male), only PSR
- TFL Sensor terminal strip



Ostendstraße 1
12459 Berlin - Germany
 Tel: +49 30 53 00 070
 Fax: +49 30 53 00 07 17
 info@sonnenwaermeag.de
 www.sonnenwaermeag.de