

**PSWF 2000 N+ Thermal Store**

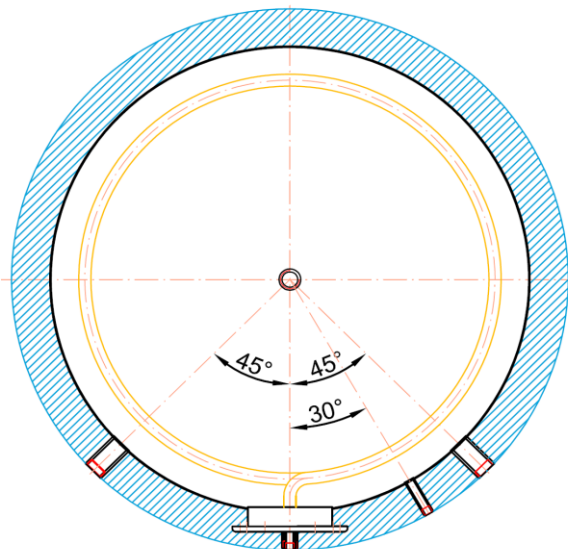
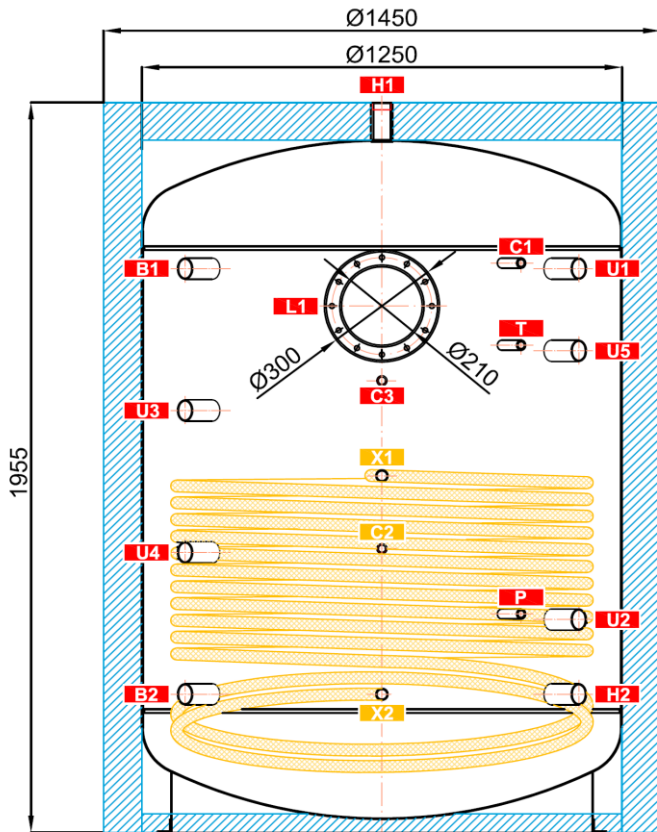


Main features	
Application	storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with a solar heat exchanger and a flanged opening that permits installation of a DHW tube heat exchanger or connecting a solar thermal system
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
Code	
Thermal Store	<b>15 236</b>
Insulation	<b>16 370</b>
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	<b>PSWF 2000 N+ with insulation</b>
Energy efficiency class	N/A
Standing loss	189 W
Storage volume	1971 l
Technical Data	
Total tank volume	1996 l
Fluid volume in tank	1971 l
Fluid volume in heat exchanger	25 l
Heat exchanger surface area	4,5 m <sup>2</sup>
Max. working temperature in Thermal Store	95 °C
Max. working temperature in HE	110 °C
Max. working pressure in Thermal Store	3 bar
Max. working pressure in HE	10 bar
Materials	
Tank material	S235JR
Solar heat exchanger material	S235JR+N
Tank perimeter insulation	fleece
Tank perimeter insulation's outer surface	PU leather
Top and bottom tank insulation	fleece
Dimensions, Tipping height, Insulation thickness, Weight	
Tank diameter	1250 mm
Tank diameter with insulation	1450 mm
Tank overall height	1955 mm
Tipping height without insulation	2050 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	311 kg
Accessories	
El. heating element (models)	ETT-A,C, D, F, G, L, M
Heating elem. max. length / output	955 mm / 12 kW
Blind flange	code 6230
Flange for heat exchanger	code 6 231 / 6 232
Tube heat exchanger	max surface area 4,5 m <sup>2</sup>

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**Dimensions**

Tipping height without insulation 2050 mm.



**TAPPINGS**

pos.	connection	height [mm]
<b>Heat sources</b>		
B1	G 6/4" F	1510
B2	G 6/4" F	370
<b>Heating system</b>		
H1	G 6/4" F	1955
H2	G 6/4" F	370
<b>Control and safety</b>		
C1	G 1/2" F	1525
C2	G 1/2" F	760
C3	G 1/2" F	1305
T	G 1/2" F	1210
P	G 1/2" F	585
<b>Universal inlet/outlet</b>		
U1	G 6/4" F	1510
U2	G 6/4" F	570
U3	G 6/4" F	1130
U4	G 6/4" F	750
U5	G 6/4" F	1290
<b>Solar thermal systems</b>		
X1	G 1" F	955
X2	G 1" F	370

**PSWF 2000 N+ Thermal Store****Heat exchanger pressure drop graph**