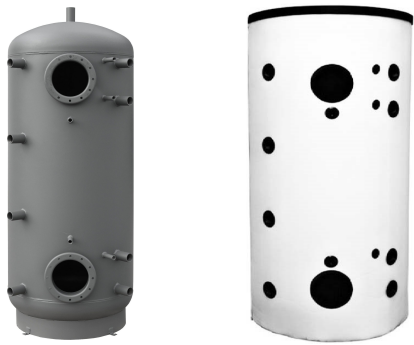


**PS2F 2000 N+ Thermal Store**

	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 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system.
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Thermal store code	15227
	Insulation code	19351

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a thermal store with insulation
Energy efficiency class	N/A
Static loss	201 W
Storage volume	2005 l

Technical data	
Total thermal store volume	2005 l
Max. working temperature in thermal store	95 °C
Min. working temperature in thermal store	7 °C
Max. working pressure in thermal store	3 bar
Thermal store diameter	1250 mm
Thermal store diameter with insulation	1450 mm
Thermal store overall height	1955 mm
Tipping height without insulation	2055 mm
Thermal store perimeter insulation thickness	100 mm
Thermal store bottom insulation thickness	50 mm
Thermal store top insulation thickness	100 mm
Empty weight without insulation	209 kg

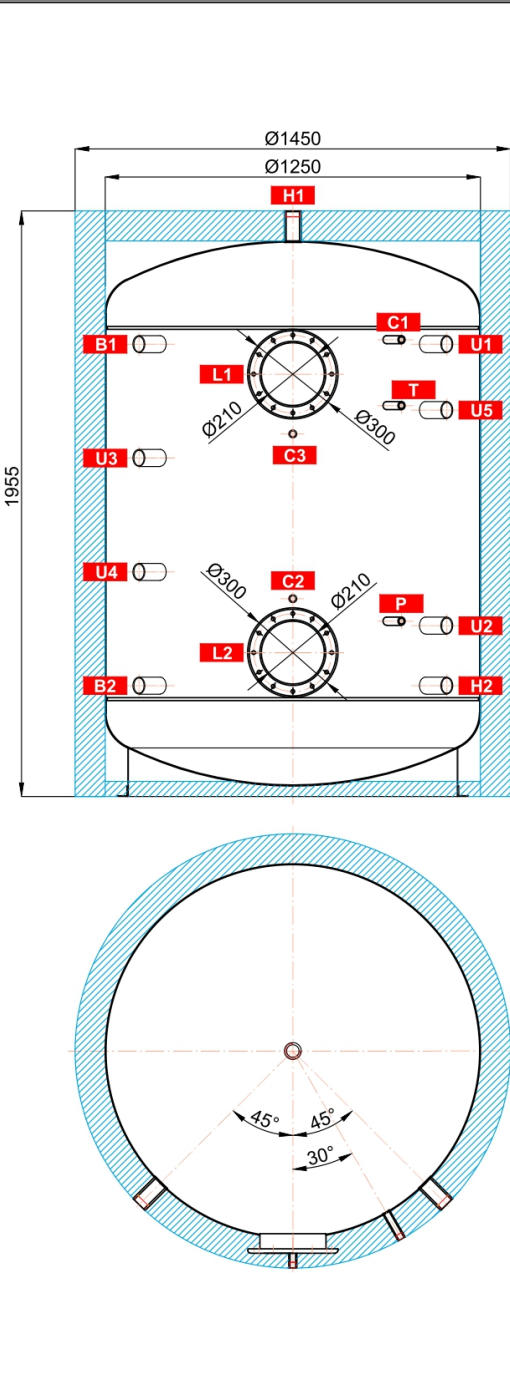
Materials	
Thermal store material	S235JR
Thermal store perimeter insulation	fleece
Thermal store outer surface insulation	hard polystyrene
Top and bottom thermal store insulation	fleece

*Insulation thermal conductivity  $\lambda \leq 0.037$  W/mK, thermal resistance (short/long term) 150/100 °C, fire class E.*

Accessories	
Electric heating element	ETT-A, C, D2, M, R, U, F2, P, S
Heating element max. length	955 mm
Blind flange	code 6230
Blind flange for heat exchanger	code 6231 / 6232
Tube heat exchanger	max. area - 4,5 m <sup>2</sup>

PS2F 2000 N+ Thermal Store

Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
<b>Heat sources</b>			
B1	Supply from heat source	G 6/4" F	1510
B2	Return to heat source	G 6/4" F	370
<b>Heating system</b>			
H1	Flow to heating system	G 6/4" F	1955
H2	Return from heating system	G 6/4" F	370
<b>Control and safety</b>			
C1	Temperature sensor	G 1/2" F	1525
C2	Temperature sensor	G 1/2" F	660
C3	Temperature sensor	G 1/2" F	1210
T	Thermometer	G 1/2" F	1305
P	Safety valve	G 1/2" F	585
<b>Universal inlet/outlet</b>			
U1	Universal inlet/outlet	G 6/4" F	1510
U2	Universal inlet/outlet	G 6/4" F	570
U3	Universal inlet/outlet	G 6/4" F	1130
U4	Universal inlet/outlet	G 6/4" F	750
U5	Universal inlet/outlet	G 6/4" F	1290
<b>Flanges</b>			
L1	Upper flange	12 x M12	1410
L2	Lower flange	12 x M12	480