

**PS2F 800 N+ Thermal Store**

**PS2F 800 N+**



**PS2F 800 N+ with insulation**



**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
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>15 218</b>
Insulation	<b>16 359</b>

**Energy Efficiency Data (as per EC Regulation No. 812/2013)**

	<b>PS2F 800 N+ with insulation</b>
Energy efficiency class	N/A
Standing loss	137 W
Storage volume	809 l

**Technical Data**

Total tank volume	809 l
Max. working temperature in Thermal Store	95 °C
Max. working pressure in Thermal Store	4 bar

**Materials**

Tank material	S235JR
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	800 mm
Tank diameter with insulation	1000 mm
Tank overall height	1845 mm
Tipping height without insulation	1895 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	105 kg

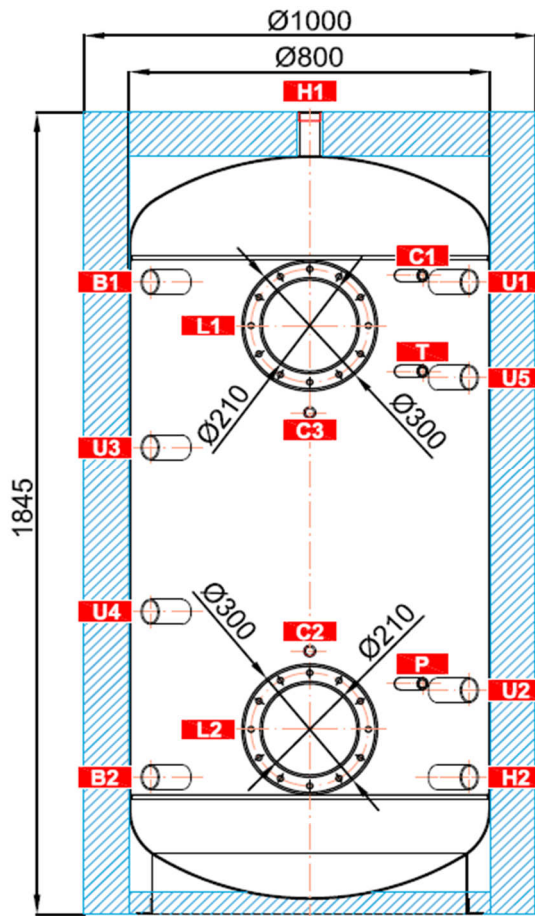
**Accessories**

El. heating element (models)	ETT-A,C, D, F, G, L, M
Heating elem. max. length / output	815 mm / 12 kW
Blind flange	code 6230
Flange for heat exchanger	code 6 231 / 6 232
Tube heat exchanger	max surface area 4,5 sqm

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**Dimensions**

Tipping height without insulation 1895 mm.



**TAPPINGS**

pos.	connection	height [mm]
<b>Heat sources</b>		
B1	G 6/4" F	1455
B2	G 6/4" F	315
<b>Heating system</b>		
H1	G 6/4" F	1845
H2	G 6/4" F	315
<b>Control and safety</b>		
C1	G 1/2" F	1470
C2	G 1/2" F	605
C3	G 1/2" F	1155
T	G 1/2" F	1250
P	G 1/2" F	530
<b>Universal inlet/outlet</b>		
U1	G 6/4" F	1455
U2	G 6/4" F	515
U3	G 6/4" F	1075
U4	G 6/4" F	695
U5	G 6/4" F	1235
<b>Flanges</b>		
L1	12 x M12	1355
L2	12 x M12	425