

PSWF 800 N+ Thermal Store

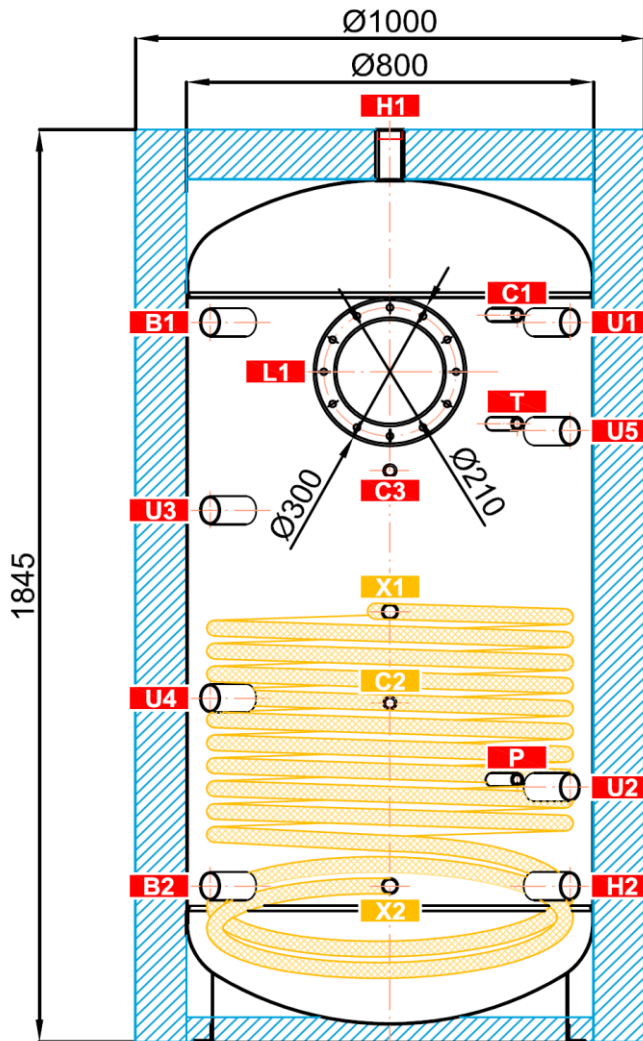


Main features	
Application	storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with a solar heat exchanger and a flanged opening that permits installation of a DHW tube heat exchanger or connecting a solar thermal system
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
Code	
Thermal Store	15 230
Insulation	16 371
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	PSWF 800 N+ with insulation
Energy efficiency class	N/A
Standing loss	136 W
Storage volume	792 l
Technical Data	
Total tank volume	807 l
Fluid volume in tank	792 l
Fluid volume in heat exchanger	15 l
Heat exchanger surface area	2,7 m ²
Max. working temperature in Thermal Store	95 °C
Max. working temperature in HE	110 °C
Max. working pressure in Thermal Store	4 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	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	160 kg
Accessories	
El. heating element (models)	ETT-A,C, D, F, G, L, M
Heating elem. max. length / output	755 mm / 9 kW
Blind flange	code 6230
Flange for heat exchanger	code 6 231 / 6 232
Tube heat exchanger	max surface area 4,5 m ²

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Dimensions

Tipping height without insulation 1895 mm.



TAPPINGS

pos.	connection	height [mm]
Heat sources		
B1	G 6/4" F	1455
B2	G 6/4" F	315
Heating system		
H1	G 6/4" F	1845
H2	G 6/4" F	315
Control and safety		
C1	G 1/2" F	1470
C2	G 1/2" F	685
C3	G 1/2" F	1250
T	G 1/2" F	1155
P	G 1/2" F	530
Universal inlet/outlet		
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
Solar thermal systems		
X1	G 1" F	870
X2	G 1" F	315

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Heat exchanger pressure drop graph

