

PS2F 500 N+ Thermal Store

PS2F 500 N+



PS2F 500 N+ with insulation

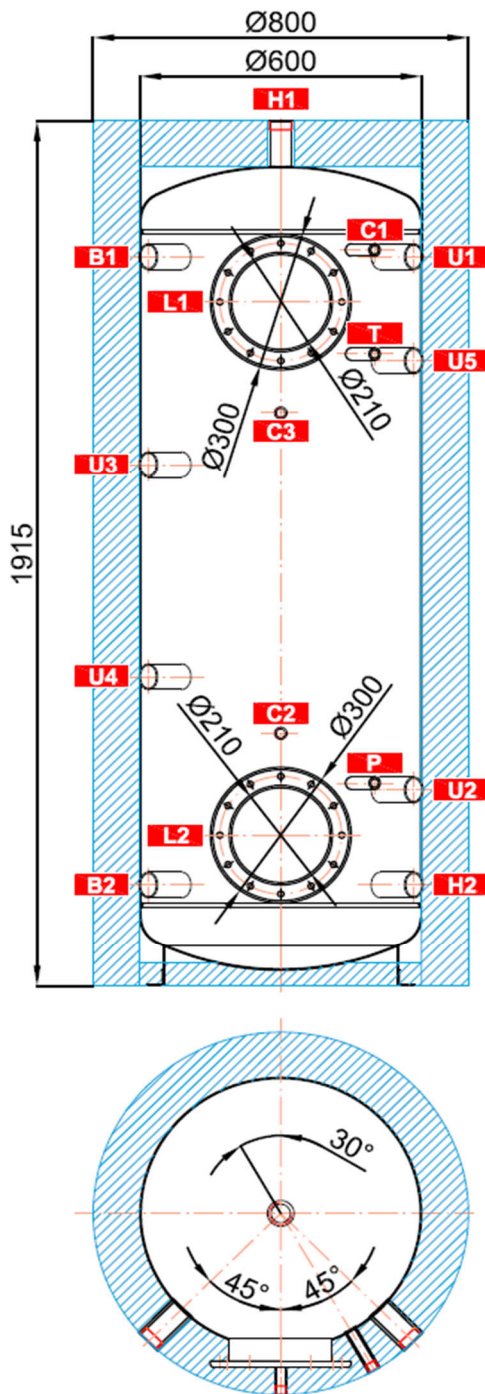


Main features	
Application	storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
Code	
Thermal Store	14 729
Insulation	16 358
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	PS2F 500 N+ with insulation
Energy efficiency class	C
Standing loss	110 W
Storage volume	479 l
Technical Data	
Total tank volume	479 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	600 mm
Tank diameter with insulation	800 mm
Tank overall height	1915 mm
Tipping height without insulation	1950 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	78 kg
Accessories	
El. heating element (models)	ETT-A,C, D, F, G, L, M
Heating elem. max. length / output	680 mm / 9 kW
Blind flange	code 6230
Flange for heat exchanger	code 6 231 / 6 232
Tube heat exchanger	max surface area 3,15 sqm

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Dimensions

Tipping height without insulation 1950 mm.



TAPPINGS

pos.	connection	height [mm]
Heat sources		
B1	G 6/4" F	1615
B2	G 6/4" F	225
Heating system		
H1	G 6/4" F	1915
H2	G 6/4" F	225
Control and safety		
C1	G 1/2" F	1630
C2	G 1/2" F	560
C3	G 1/2" F	1270
T	G 1/2" F	1400
P	G 1/2" F	450
Universal inlet/outlet		
U1	G 6/4" F	1615
U2	G 6/4" F	435
U3	G 6/4" F	1155
U4	G 6/4" F	685
U5	G 6/4" F	1385
Flanges		
L1	12 x M12	1515
L2	12 x M12	335