

PS2F 4000 N25 Thermal Store

PS2F 4000 N25



PS2F 4000 N25 with insulation

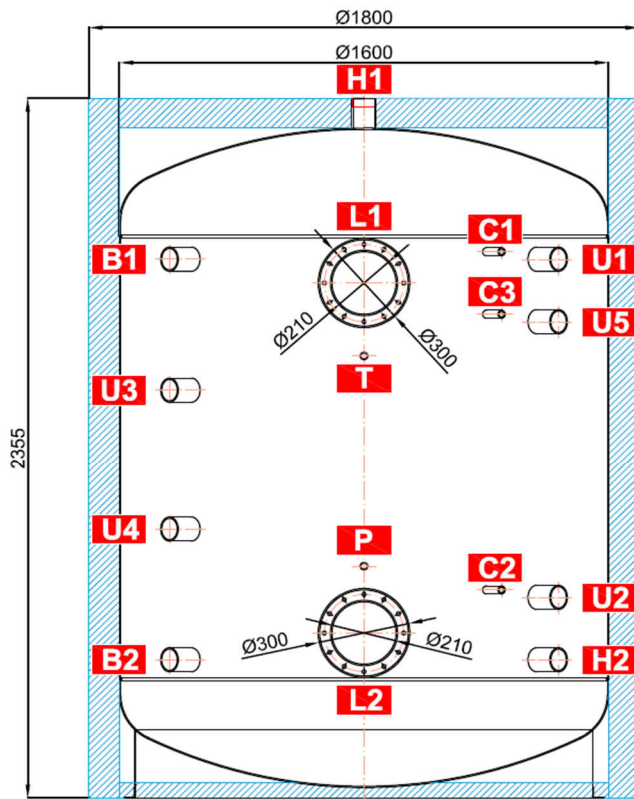


Main features	
Application	storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
Code	
Thermal Store	14 463
Insulation	16 364
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	PS2F 4000 N25 with insulation
Standing loss	N/A
Storage volume	314 W
	3996 l
Technical Data	
Total tank volume	3996 l
Max. working temp. in Thermal Store	95 °C
Max. working pressure in Thermal Store	3 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	1600 mm
Tank diameter with insulation	1800 mm
Tank overall height	2355 mm
Tipping height without insulation	2490 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	429 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 sqm

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Dimensions

Tipping height without insulation 2490 mm.



TAPPINGS

pos.	connection	height [mm]
Heat sources		
B1	G 2,5" F	1815
B2	G 2,5" F	465
Heating system		
H1	G 2,5" F	2355
H2	G 2,5" F	465
Control and safety		
C1	G 1/2" F	1840
C2	G 1/2" F	780
C3	G 1/2" F	1490
T	G 1/2" F	1630
P	G 1/2" F	700
Universal inlet/outlet		
U1	G 2,5" F	1815
U2	G 2,5" F	675
U3	G 2,5" F	1375
U4	G 2,5" F	905
U5	G 2,5" F	1605
Flanges		
L1	12 x M12	1735
L2	12 x M12	555

