

PS2F 300 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	14726
	Insulation code	19349

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a thermal store with insulation
Energy efficiency class	C
Static loss	82 W
Storage volume	285 l

Technical data	
Total thermal store volume	285 l
Max. working temperature in thermal store	95 °C
Max. working pressure in thermal store	4 bar
Thermal store diameter	550 mm
Thermal store diameter with insulation	750 mm
Thermal store overall height	1405 mm
Tipping height without insulation	1430 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	57 kg

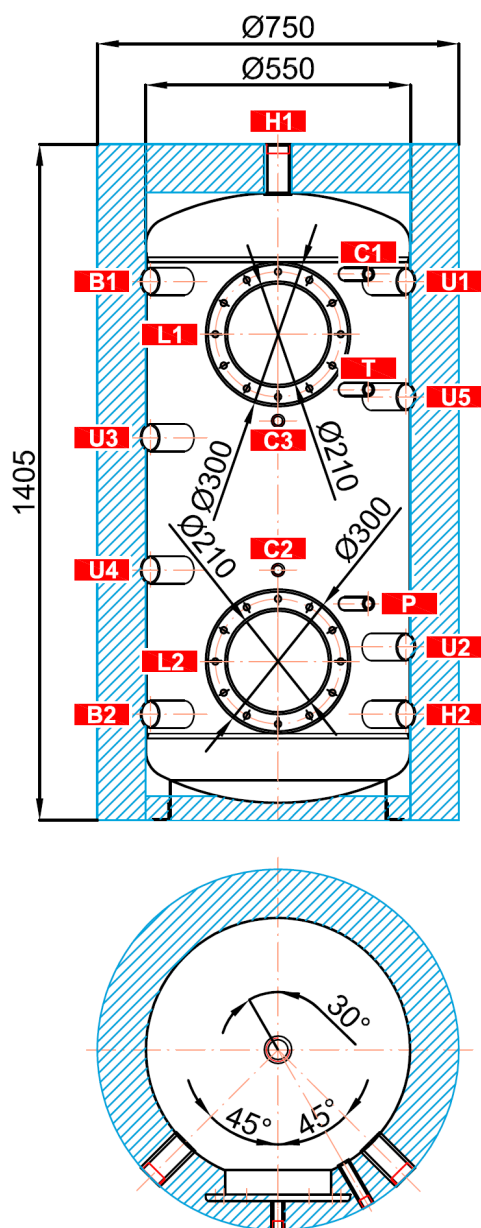
Materials	
Thermal store material	S235JR
Thermal store perimeter insulation	fleece
Thermal store outer surface insulation	hard polystyrene
Top and bottom thermal store insulation	fleece

Insulation thermal conductivity $\lambda \leq 0.037 \text{ W/mK}$, 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	635 mm
Blind flange	code 6230
Blind flange for heat exchanger	code 6231 / 6232
Tube heat exchanger	max. area - 1,8 m²

PS2F 300 N+ Thermal Store

Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
Heat sources			
B1	Supply from heat source	G 6/4" F	1120
B2	Return to heat source	G 6/4" F	220
Heating system			
H1	Flow to heating system	G 6/4" F	1405
H2	Return from heating system	G 6/4" F	220
Control and safety			
C1	Temperature sensor	G 1/2" F	1135
C2	Temperature sensor	G 1/2" F	520
C3	Temperature sensor	G 1/2" F	830
T	Thermometer	G 1/2" F	895
P	Safety valve	G 1/2" F	450
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1120
U2	Universal inlet/outlet	G 6/4" F	360
U3	Universal inlet/outlet	G 6/4" F	795
U4	Universal inlet/outlet	G 6/4" F	520
U5	Universal inlet/outlet	G 6/4" F	880
Flanges			
L1	Upper flange	12 x M12	1010
L2	Lower flange	12 x M12	330