

PS 600 E Thermal Store

	Main Features	
	Application	Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources.
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Thermal store code	19488
	Insulation code	19495

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a thermal store with insulation
Energy efficiency class	N/A
Static loss	98 W
Storage volume	560 l

Technical data	
Total thermal store volume	560 l
Max. working temperature in thermal store	95 °C
Min. working temperature in thermal store	7 °C
Max. working pressure in thermal store	4 bar
Thermal store diameter	650 mm
Thermal store diameter with insulation	850 mm
Thermal store overall height	1935 mm
Tipping height without insulation	1960 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	69 kg

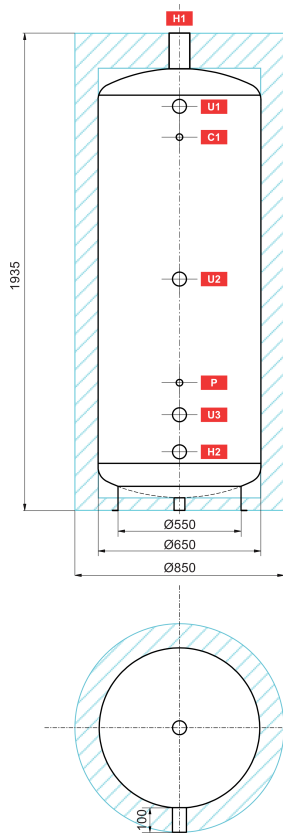
Materials	
Thermal store material	S235JR
Thermal store perimeter insulation	fleece
Thermal store outer surface insulation	hard polystyrene
Top and bottom thermal store insulation	fleece

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	700 mm

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Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
Heating system			
H1	Flow to heating system	G 6/4" F	1935
H2	Return from heating system	G 6/4" F	235
Control and safety			
C1	Temperature sensor	G 1/2" F	1510
P	Safety valve	G 1/2" F	515
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1635
U2	Universal inlet/outlet	G 6/4" F	935
U3	Universal inlet/outlet	G 6/4" F	385