

PS 500 N+



PS 500 N+ with insulation



Main features	
Application	storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil

Code	
Thermal Store	14 723
Insulation	16 332

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	PS 500 N+
Energy efficiency class	N/A
Standing loss	95 W
Storage volume	474 l

Technical data	
Total tank volume	474 l
Max. working temperature in tank	95 °C
Max. working pressure in tank	4 bar

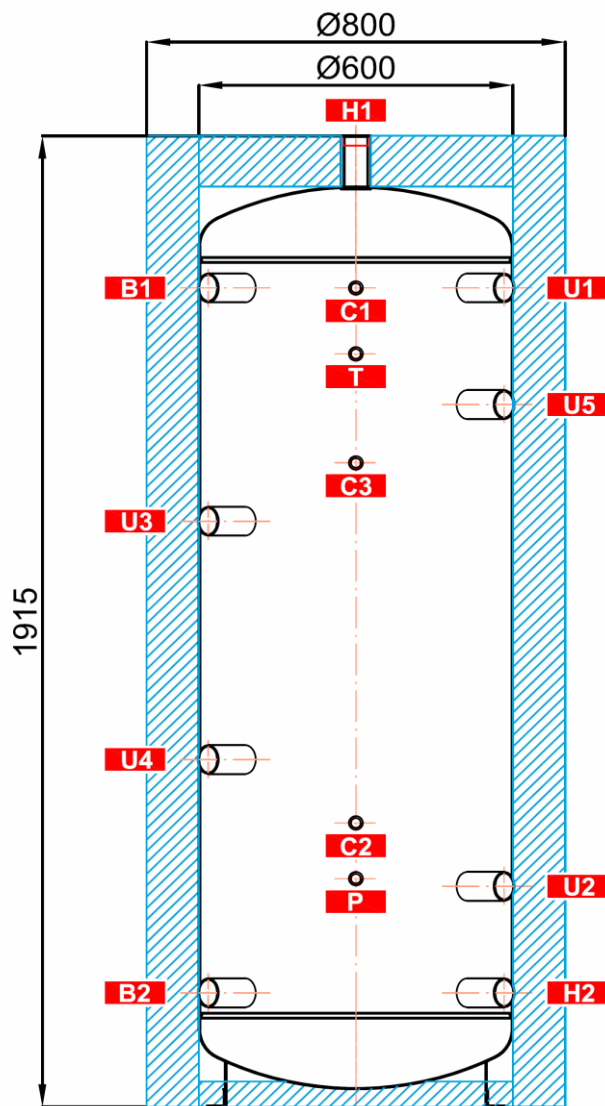
Materials	
Tank material	S235JR
Tank perimeter insulation	fleece
Insulation's outer surface	PU leather
Top and bottom tank insulation	fleece

Dimensions, Tipping height, Weight	
Tank diameter	600 mm
Tank diameter with insulation	800 mm
Tank overall height	1915 mm
Tipping height without insulation	1940 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	72 kg

Accessories	
El. heating element	models ETT-A, D, F, G, M
Heating elem. max. length / output	680 mm / 9 kW

Dimensions

Tipping height without insulation 1940 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	1615
C2	G 1/2" F	560
C3	G 1/2" F	1270
T	G 1/2" F	1485
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