

PS 500 E+



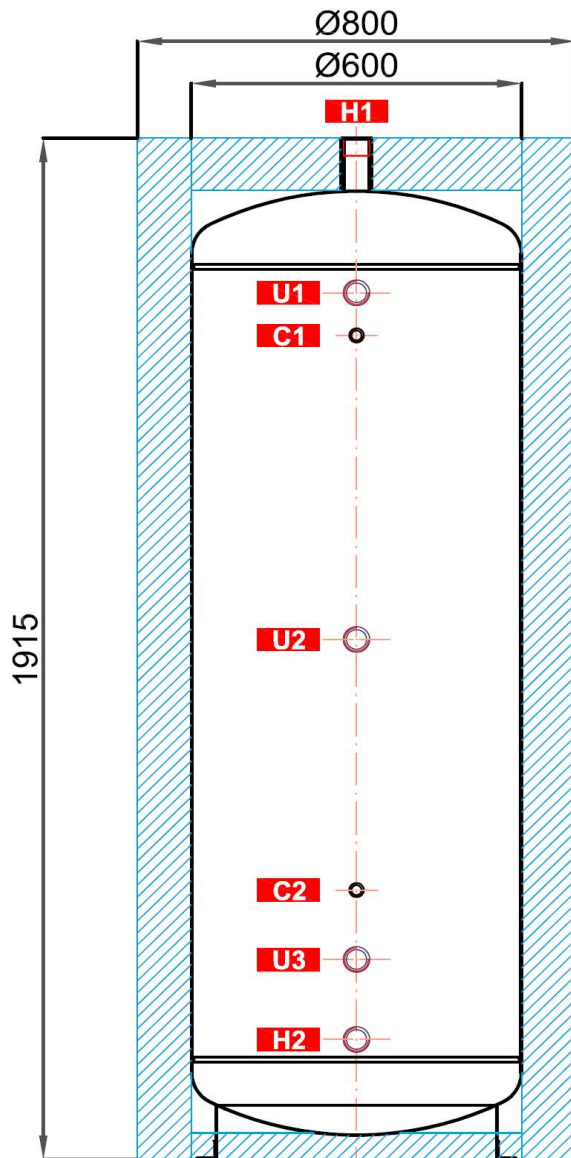
PS 500 E+ with insulation



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	14 754
Insulation	16 330
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
Energy efficiency class	PS 500 E+ C
Standing loss	92 W
Storage volume	473 l
Technical data	
Total tank volume	473 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	68 kg
Accessories	
El. heating element	models ETT-A, C, D, F, G, L, M
Heating elem. max. length / output	680 mm / 9 kW

Dimensions

Tipping height without insulation 1940 mm.



TAPPINGS

pos.	connection	height [mm]
Heating system		
H1	G 6/4"	1915
H2	G 6/4"	225
Control and safety		
C1	G 1/2"	1545
C2	G 1/2"	505
Universal inlet / outlet		
U1	G 6/4"	1625
U2	G 6/4"	975
U3	G 6/4"	375