

PS 500 K+



PS 500 K+ 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	15 288
Insulation	16 331

Energy Efficiency Data (as per EC Regulation No. 812/2013)

	PS 500 K+
Energy efficiency class	C
Standing loss	96 W
Storage volume	477 l

Technical data

Total tank volume	477 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

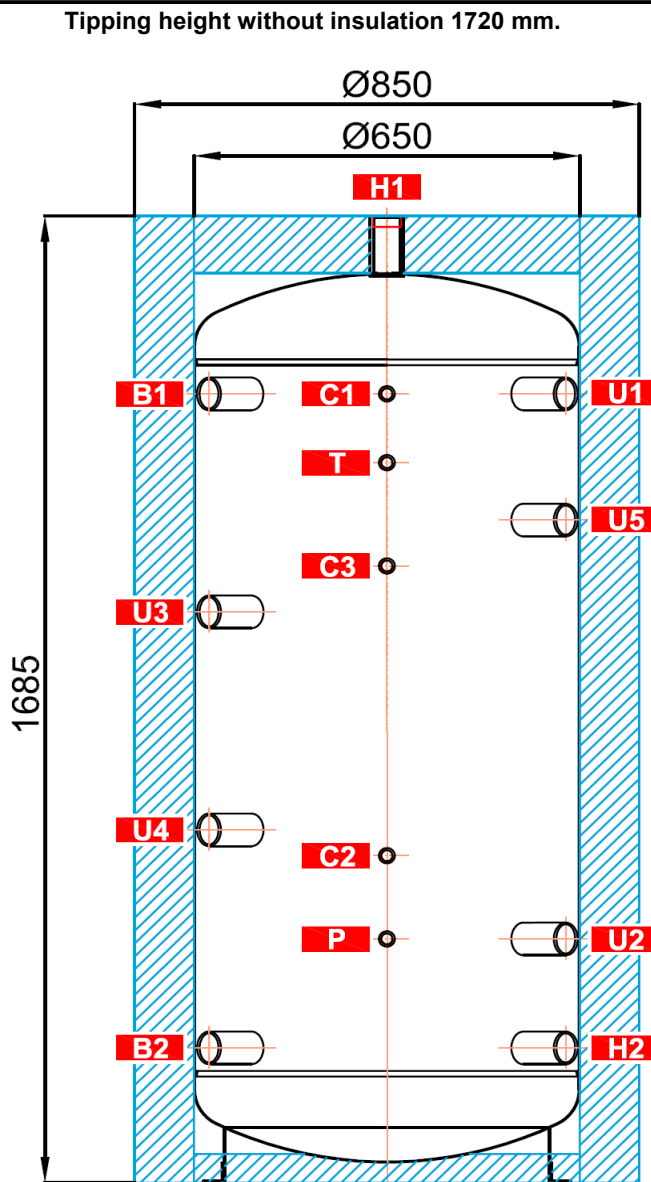
Dimensions, Tipping height, Weight

Tank diameter	650 mm
Tank diameter with insulation	850 mm
Tank overall height	1685 mm
Tipping height without insulation	1720 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, C, D, F, G, L, M
Heating elem. max. length / output	700 mm / 9 kW

Dimensions



TAPPINGS

pos.	connection	height [mm]
Heat sources		
B1	G 6/4" F	1375
B2	G 6/4" F	235
Heating system		
H1	G 6/4" F	1685
H2	G 6/4" F	235
Control and safety		
C1	G 1/2" F	1375
C2	G 1/2" F	570
C3	G 1/2" F	1075
T	G 1/2" F	1255
P	G 1/2" F	425
Universal inlet / outlet		
U1	G 6/4" F	1375
U2	G 6/4" F	425
U3	G 6/4" F	995
U4	G 6/4" F	615
U5	G 6/4" F	1155