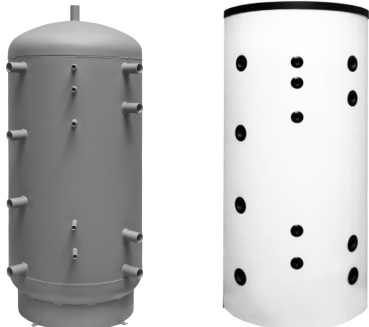


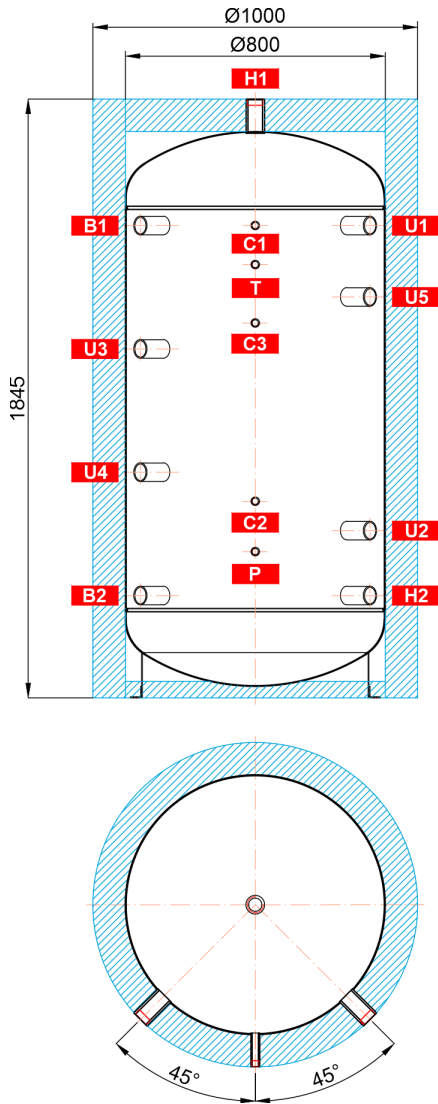
DATA SHEET

PS 800 N+ 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
	Storage tank code	15141
	Insulation code	19297
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a tank with insulation
Energy efficiency class		N/A
Static loss		120 W
Storage volume		804 l
Technical data		
Total storage tank volume		804 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		800 mm
Storage tank diameter with insulation		1000 mm
Storage tank overall height		1845 mm
Tipping height without insulation		1890 mm
Storage tank perimeter insulation thickness		100 mm
Storage tank bottom insulation thickness		50 mm
Storage tank top insulation thickness		100 mm
Empty weight without insulation		99 kg
Materials		
Storage tank material		S235JR
Storage tank perimeter insulation		fleece
Storage tank outer surface insulation		hard polystyrene
Top and bottom storage tank insulation		fleece
Accessories		
Electrical heating element		ETT-A, C, D, F, P, M
Heating element max. length		815 mm

PS 800 N+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
Heat sources			
B1	Supply from heat source	G 6/4" F	1455
B2	Return to heat source	G 6/4" F	315
Heating system			
H1	Supply to heat sink	G 6/4" F	1845
H2	Return from heat sink	G 6/4" F	315
Control and safety			
C1	Temperature sensor	G 1/2" F	1455
C2	Temperature sensor	G 1/2" F	605
C3	Temperature sensor	G 1/2" F	1155
T	Thermometer	G 1/2" F	1335
P	Safety valve	G 1/2" F	450
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1455
U2	Universal inlet/outlet	G 6/4" F	515
U3	Universal inlet/outlet	G 6/4" F	1075
U4	Universal inlet/outlet	G 6/4" F	695
U5	Universal inlet/outlet	G 6/4" F	1235