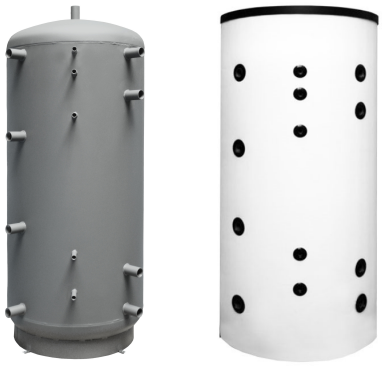


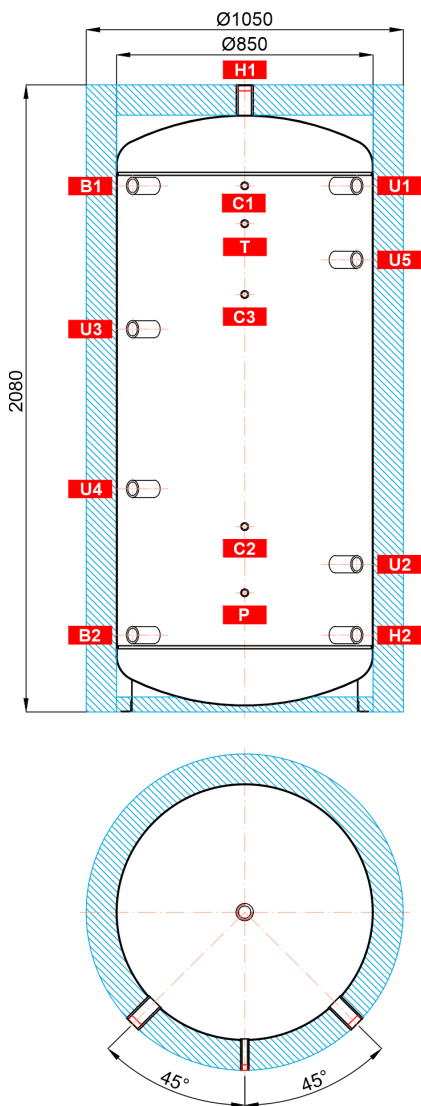
DATA SHEET

PS 1100 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	15150
	Insulation code	19305
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a tank with insulation
Energy efficiency class		N/A
Static loss		140 W
Storage volume		1040 l
Technical data		
Total storage tank volume		1040 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		850 mm
Storage tank diameter with insulation		1050 mm
Storage tank overall height		2080 mm
Tipping height without insulation		2125 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		128 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 1100 N+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
Heat sources			
B1	Supply from heat source	G 6/4" F	1740
B2	Return to heat source	G 6/4" F	260
Heating system			
H1	Supply to heat sink	G 6/4" F	2080
H2	Return from heat sink	G 6/4" F	260
Control and safety			
C1	Temperature sensor	G 1/2" F	1740
C2	Temperature sensor	G 1/2" F	615
C3	Temperature sensor	G 1/2" F	1385
T	Thermometer	G 1/2" F	1620
P	Safety valve	G 1/2" F	395
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1740
U2	Universal inlet/outlet	G 6/4" F	490
U3	Universal inlet/outlet	G 6/4" F	1270
U4	Universal inlet/outlet	G 6/4" F	740
U5	Universal inlet/outlet	G 6/4" F	1500