


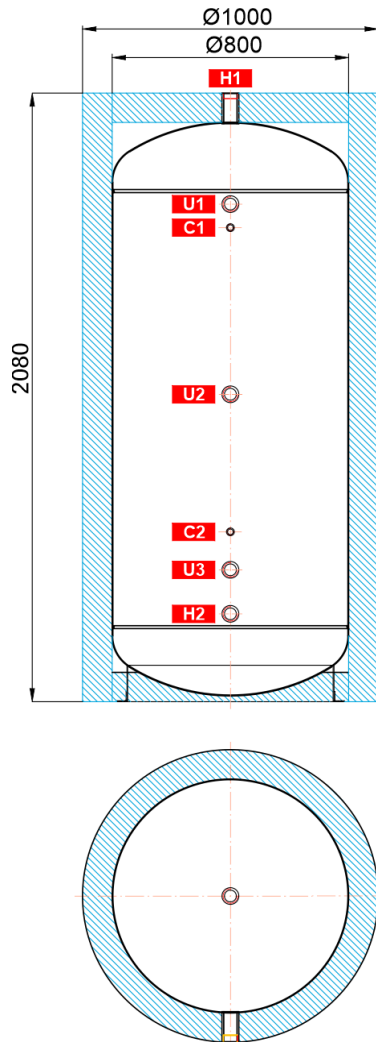
## DATA SHEET

### PS 1000 E+ Thermal Store

	<b>Main Features</b>	
	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	15851
	Insulation code	19313
<b>Energy Efficiency Data (as per EC Regulation No. 812/2013)</b>		
		valid for a tank with insulation
Energy efficiency class		N/A
Static loss		128 W
Storage volume		927 l
<b>Technical data</b>		
Total storage tank volume		927 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		2080 mm
Tipping height without insulation		2120 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		106 kg
<b>Materials</b>		
Storage tank material		S235JR
Storage tank perimeter insulation		fleece
Storage tank outer surface insulation		hard polystyrene
Top and bottom storage tank insulation		fleece
<b>Accessories</b>		
Electrical heating element		ETT-A, C, D, F, P, M
Heating element max. length		815 mm

PS 1000 E+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
<b>Heating system</b>			
<b>H1</b>	Supply to heat sink	G 6/4" F	2080
<b>H2</b>	Return from heat sink	G 6/4" F	300
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	1620
<b>C2</b>	Temperature sensor	G 1/2" F	580
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	1700
<b>U2</b>	Universal inlet/outlet	G 6/4" F	1050
<b>U3</b>	Universal inlet/outlet	G 6/4" F	450