

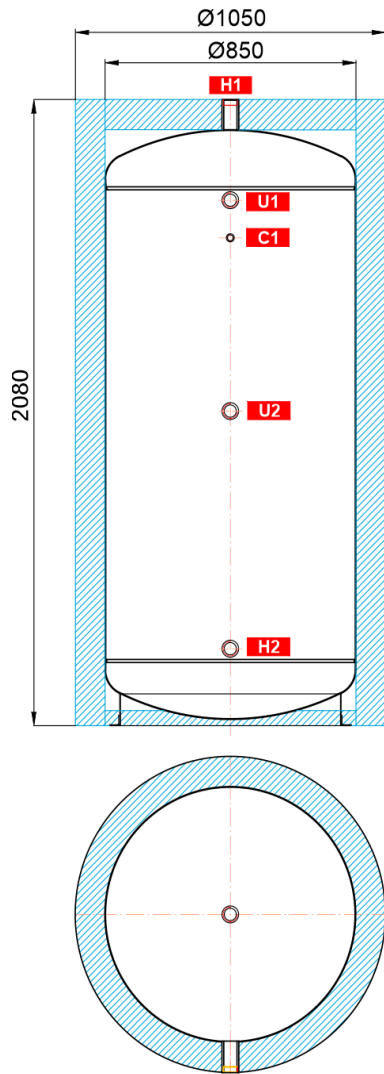
## DATA SHEET

### PS 1100 ES+ 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	15956
	Insulation code	19315
<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		135 W
Storage volume		1037 l
<b>Technical data</b>		
Total storage tank volume		1037 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		2335 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		123 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 1100 ES+ 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	255
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	1620
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	1745
<b>U2</b>	Universal inlet/outlet	G 6/4" F	1045