


## DATA SHEET

### PS 1500 N25 Thermal Store

	Main Features	
	Application	Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources. It is fitted with G 2,5" F threaded tappings.
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Storage tank code	19379
	Insulation code	19381

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

	valid for a tank with insulation
Energy efficiency class	N/A
Static loss	172 W
Storage volume	1506 l

#### Technical data

Total storage tank volume	1506 l
Max. working temperature in storage tank	95 °C
Max. working pressure in storage tank	3 bar
Storage tank diameter	1100 mm
Storage tank diameter with insulation	1300 mm
Storage tank overall height	1885 mm
Tipping height without insulation	1965 mm
Storage tank perimeter insulation thickness	100 mm
Storage tank bottom insulation thickness	50 mm
Storage tank top insulation thickness	120 mm
Empty weight without insulation	185 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

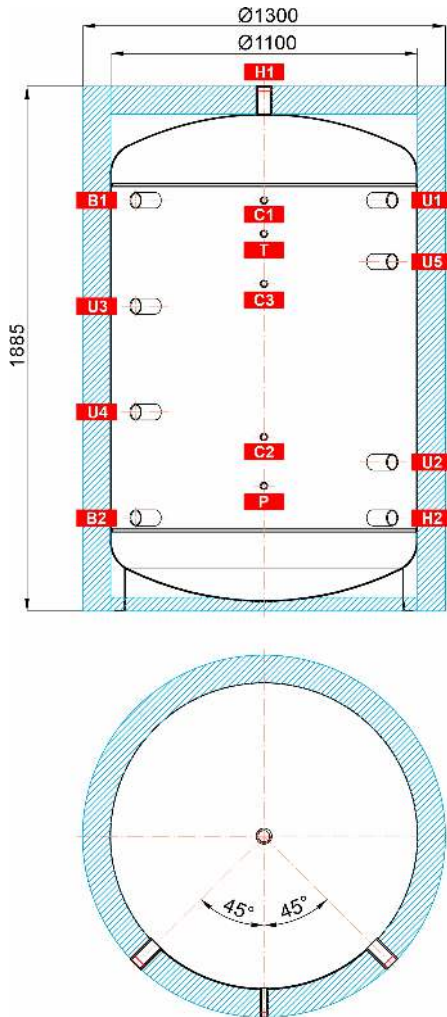
#### Accessories

Electrical heating element	ETT-A, C, D, F, P, M
Heating element max. length	955 mm

*For the electric heater, a G 2.5" M x G 6/4" F reducer must be used*

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Dimensions



TAPPINGS

pos.	description	connection	height [mm]
<b>Heat sources</b>			
<b>B1</b>	Supply from heat source	G 2,5" F	1465
<b>B2</b>	Return to heat source	G 2,5" F	355
<b>Heating system</b>			
<b>H1</b>	Supply to heat sink	G 2,5" F	1885
<b>H2</b>	Return from heat sink	G 2,5" F	355
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	1475
<b>C2</b>	Temperature sensor	G 1/2" F	450
<b>C3</b>	Temperature sensor	G 1/2" F	1355
<b>T</b>	Thermometer	G 1/2" F	1175
<b>P</b>	Safety valve	G 1/2" F	625
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 2,5" F	1465
<b>U2</b>	Universal inlet/outlet	G 2,5" F	535
<b>U3</b>	Universal inlet/outlet	G 2,5" F	1095
<b>U4</b>	Universal inlet/outlet	G 2,5" F	715
<b>U5</b>	Universal inlet/outlet	G 2,5" F	1255