


## DATA SHEET

### PS 4000 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	14457
	Insulation code	19352

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a tank with insulation
Energy efficiency class	N/A
Static loss	284 W
Storage volume	3991 l

Technical data	
Total storage tank volume	3991 l
Max. working temperature in storage tank	95 °C
Max. working pressure in storage tank	3 bar
Storage tank diameter	1600 mm
Storage tank diameter with insulation	1800 mm
Storage tank overall height	2355 mm
Tipping height without insulation	2490 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	423 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	1815		
<b>B2</b>	Return to heat source	G 2.5" F	465		
<b>Heating system</b>					
<b>H1</b>	Supply to heat sink	G 2.5" F	2355		
<b>H2</b>	Return from heat sink	G 2.5" F	465		
<b>Control and safety</b>					
<b>C1</b>	Temperature sensor	G 1/2" F	1835		
<b>C2</b>	Temperature sensor	G 1/2" F	600		
<b>C3</b>	Temperature sensor	G 1/2" F	1705		
<b>T</b>	Thermometer	G 1/2" F	1490		
<b>P</b>	Safety valve	G 1/2" F	780		
<b>Universal inlet/outlet</b>					
<b>U1</b>	Universal inlet/outlet	G 2.5" F	1815		
<b>U2</b>	Universal inlet/outlet	G 2.5" F	675		
<b>U3</b>	Universal inlet/outlet	G 2.5" F	1375		
<b>U4</b>	Universal inlet/outlet	G 2.5" F	905		
<b>U5</b>	Universal inlet/outlet	G 2.5" F	1605		

