


DATA SHEET
PS2F 3000 N25 Thermal Store

	Main Features	
	Application	Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system. 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	14460
	Insulation code	19359

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a tank with insulation
Energy efficiency class	N/A
Static loss	264 W
Storage volume	3027 l

Technical data	
Total storage tank volume	3027 l
Max. working temperature in storage tank	93 °C
Max. working pressure in storage tank	3 bar
Storage tank diameter	1500 mm
Storage tank diameter with insulation	1700 mm
Storage tank overall height	2065 mm
Tipping height without insulation	2189 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	315 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

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Accessories	
Electrical heating element	ETT-A, C, D, F, P, M
Heating element max. length	955 mm
Blind flange	code 6230
Blind flange for heat exchanger	code 6231 / 6232
Tube heat exchanger	max. area 4.5 m ²

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

Dimensions		TAPPINGS				
	Heat sources		pos.	description	connection	height [mm]
	B1	Supply from heat source	G 2.5" F	1545		
B2	Return to heat source	G 2.5" F	445			
Heating system		H1	Supply to heat sink	G 2.5" F	2065	
H2	Return from heat sink	G 2.5" F	445			
Control and safety		C1	Temperature sensor	G 1/2" F	1570	
C2	Temperature sensor	G 1/2" F	670			
C3	Temperature sensor	G 1/2" F	1370			
T	Thermometer	G 1/2" F	1265			
P	Safety valve	G 1/2" F	715			
Universal inlet/outlet		U1	Universal inlet/outlet	G 2.5" F	1545	
U2	Universal inlet/outlet	G 2.5" F	645			
U3	Universal inlet/outlet	G 2.5" F	1185			
U4	Universal inlet/outlet	G 2.5" F	805			
U5	Universal inlet/outlet	G 2.5" F	1345			
Flanges		L1	Upper flange	12 x M12	1465	
L2	Lower flange	12 x M12	535			