


DATA SHEET
PS2F 2000 N+ 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
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Storage tank code	15227
	Insulation code	19351

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a tank with insulation
Energy efficiency class	N/A
Static loss	201 W
Storage volume	2005 l

Technical data	
Total storage tank volume	2005 l
Max. working temperature in storage tank	95 °C
Max. working pressure in storage tank	3 bar
Storage tank diameter	1250 mm
Storage tank diameter with insulation	1450 mm
Storage tank overall height	1955 mm
Tipping height without insulation	2055 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	209 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

Dimensions		TAPPINGS			
	pos.	description	connection	height [mm]	
Heat sources					
B1	Supply from heat source	G 6/4" F	1510		
B2	Return to heat source	G 6/4" F	370		
Heating system					
H1	Supply to heat sink	G 6/4" F	1955		
H2	Return from heat sink	G 6/4" F	370		
Control and safety					
C1	Temperature sensor	G 1/2" F	1525		
C2	Temperature sensor	G 1/2" F	660		
C3	Temperature sensor	G 1/2" F	1210		
T	Thermometer	G 1/2" F	1305		
P	Safety valve	G 1/2" F	585		
Universal inlet/outlet					
U1	Universal inlet/outlet	G 6/4" F	1510		
U2	Universal inlet/outlet	G 6/4" F	570		
U3	Universal inlet/outlet	G 6/4" F	1130		
U4	Universal inlet/outlet	G 6/4" F	750		
U5	Universal inlet/outlet	G 6/4" F	1290		
Flanges					
L1	Upper flange	12 x M12	1410		
L2	Lower flange	12 x M12	480		