


DATA SHEET

PS2F 500 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	14729
	Insulation code	19347

Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	valid for a tank with insulation
Energy efficiency class	C
Static loss	107 W
Storage volume	479 l

Technical data	
Total storage tank volume	479 l
Max. working temperature in storage tank	95 °C
Max. working pressure in storage tank	4 bar
Storage tank diameter	600 mm
Storage tank diameter with insulation	800 mm
Storage tank overall height	1915 mm
Tipping height without insulation	1950 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	78 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	680 mm
Blind flange	code 6230
Blind flange for heat exchanger	code 6231
Tube heat exchanger	max. area 3.15 m ²

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