


DATA SHEET
PS 1000 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	19376
	Insulation code	19378

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

	valid for a tank with insulation
Energy efficiency class	N/A
Static loss	133 W
Storage volume	929 l

Technical data

Total storage tank volume	929 l
Max. working temperature in storage tank	95 °C
Max. working pressure in storage tank	4 bar
Storage tank diameter	800 mm
Storage tank diameter with insulation	1000 mm
Storage tank overall height	2080 mm
Tipping height without insulation	2120 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	119 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

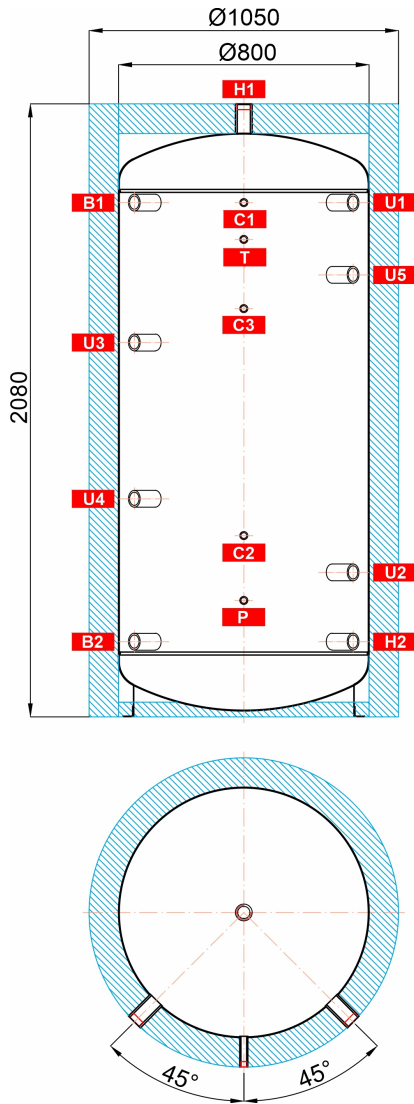
Accessories

Electrical heating element	ETT-A, C, D, F, P, M
Heating element max. length	815 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]
Heat sources			
B1	Supply from heat source	G 2.5" F	1678
B2	Return to heat source	G 2.5" F	320
Heating system			
H1	Supply to heat sink	G 2.5" F	2080
H2	Return from heat sink	G 2.5" F	320
Control and safety			
C1	Temperature sensor	G 1/2" F	1690
C2	Temperature sensor	G 1/2" F	435
C3	Temperature sensor	G 1/2" F	1560
T	Thermometer	G 1/2" F	1345
P	Safety valve	G 1/2" F	635
Universal inlet/outlet			
U1	Universal inlet/outlet	G 2.5" F	1678
U2	Universal inlet/outlet	G 2.5" F	510
U3	Universal inlet/outlet	G 2.5" F	1230
U4	Universal inlet/outlet	G 2.5" F	760
U5	Universal inlet/outlet	G 2.5" F	1460