


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

PS 4000 N25 Thermal Store

Dimensions		TAPPINGS			
pos.	description	connection	height [mm]		
Heat sources					
B1	Supply from heat source	G 2.5" F	1815		
B2	Return to heat source	G 2.5" F	465		
Heating system					
H1	Supply to heat sink	G 2.5" F	2355		
H2	Return from heat sink	G 2.5" F	465		
Control and safety					
C1	Temperature sensor	G 1/2" F	1835		
C2	Temperature sensor	G 1/2" F	600		
C3	Temperature sensor	G 1/2" F	1705		
T	Thermometer	G 1/2" F	1490		
P	Safety valve	G 1/2" F	780		
Universal inlet/outlet					
U1	Universal inlet/outlet	G 2.5" F	1815		
U2	Universal inlet/outlet	G 2.5" F	675		
U3	Universal inlet/outlet	G 2.5" F	1375		
U4	Universal inlet/outlet	G 2.5" F	905		
U5	Universal inlet/outlet	G 2.5" F	1605		

