

DATA SHEET

PS 200 N+ Thermal Store

	Main Features	
	Application	Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Storage tank code	14717
	Insulation code	19295
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a tank with insulation
Energy efficiency class		C
Static loss		59 W
Storage volume		181 l
Technical data		
Total storage tank volume		181 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		450 mm
Storage tank diameter with insulation		650 mm
Storage tank overall height		1351 mm
Tipping height without insulation		1370 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		42 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		500 mm

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Dimensions		TAPPINGS			
pos.	description	connection	height [mm]		
Heat sources					
B1	Supply from heat source	G 6/4" F	1093		
B2	Return to heat source	G 6/4" F	193		
Heating system					
H1	Supply to heat sink	G 6/4" F	1351		
H2	Return from heat sink	G 6/4" F	193		
Control and safety					
C1	Temperature sensor	G 1/2" F	1093		
C2	Temperature sensor	G 1/2" F	413		
C3	Temperature sensor	G 1/2" F	843		
T	Thermometer	G 1/2" F	993		
P	Safety valve	G 1/2" F	333		
Universal inlet/outlet					
U1	Universal inlet/outlet	G 6/4" F	1093		
U2	Universal inlet/outlet	G 6/4" F	333		
U3	Universal inlet/outlet	G 6/4" F	793		
U4	Universal inlet/outlet	G 6/4" F	493		
U5	Universal inlet/outlet	G 6/4" F	893		