


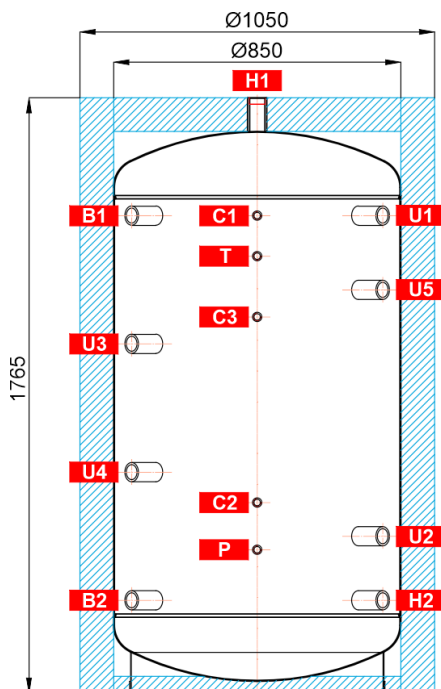
DATA SHEET

PS 900 K+ 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	15297
	Insulation code	19326
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
	valid for a tank with insulation	
Energy efficiency class	N/A	
Static loss	125 W	
Storage volume	861 l	
Technical data		
Total storage tank volume	861 l	
Max. working temperature in storage tank	95 °C	
Max. working pressure in storage tank	4 bar	
Storage tank diameter	850 mm	
Storage tank diameter with insulation	1050 mm	
Storage tank overall height	1765 mm	
Tipping height without insulation	1820 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	114 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	

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Dimensions



TAPPINGS

pos.	description	connection	height [mm]
Heat sources			
B1	Supply from heat source	G 6/4" F	1415
B2	Return to heat source	G 6/4" F	275
Heating system			
H1	Supply to heat sink	G 6/4" F	1765
H2	Return from heat sink	G 6/4" F	275
Control and safety			
C1	Temperature sensor	G 1/2" F	1415
C2	Temperature sensor	G 1/2" F	565
C3	Temperature sensor	G 1/2" F	1115
T	Thermometer	G 1/2" F	1295
P	Safety valve	G 1/2" F	425
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1415
U2	Universal inlet/outlet	G 6/4" F	465
U3	Universal inlet/outlet	G 6/4" F	1035
U4	Universal inlet/outlet	G 6/4" F	655
U5	Universal inlet/outlet	G 6/4" F	1195