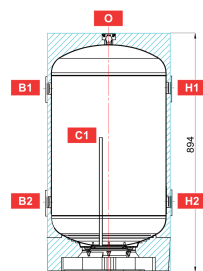


PS 100 ZC Thermal Store

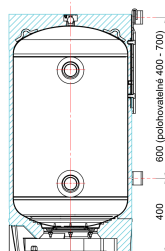
	Main Features	
	Application	Wall-hung thermal store is designed for storing and subsequent distribution of heat/cold. It is suitable as a buffer tank for inverter heat pumps to ensure sufficient water volume during evaporator defrosting. The tank has four connections to connect sources of heat/cold and a heating/cooling system. It comes with vapour-proof non-detachable insulation and parts for hanging the tank on a wall.
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1)
	Thermal store code	21718
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a thermal store with insulation
Energy efficiency class		B
Static loss		49 W
Storage volume		97 l
Technical data		
Total thermal store volume		97 l
Fluid volume in thermal store		97 l
Max. working temperature in thermal store		95 °C
Min. working temperature in thermal store		5 °C
Max. working pressure in thermal store		4 bar
Thermal store diameter with insulation		480 mm
Thermal store overall height with insulation		894 mm
Thermal store perimeter insulation thickness		25 mm
Thermal store bottom insulation thickness		25 mm
Thermal store top insulation thickness		25 mm
Empty weight without insulation		44 kg
Materials		
Thermal store material		steel
Thermal store perimeter insulation		PU foam
Thermal store outer surface insulation		sheet metal
Top and bottom thermal store insulation		PU foam
Insulation thermal conductivity $\lambda \leq 0.037$ W/mK, thermal resistance (short/long term) 150/100 °C, fire class E.		
Accessories		
Electric heating element		ETT-A, C, D2, M, R, U, F2, P, S
Heating element max. length		450 mm

PS 100 ZC Thermal Store

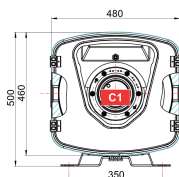
Dimensions



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CONNECTIONS

pos.	description	connection	height [mm]
Heat sources			
B1	Supply from heat source	G 6/4" F	683
B2	Return to heat source	G 6/4" F	260
Heating system			
H1	Flow to heating system	G 6/4" F	683
H2	Return from heating system	G 6/4" F	260
Control and safety			
C1	Temperature sensor	9 mm	85
O	Air discharge	G 1/2" F	870