

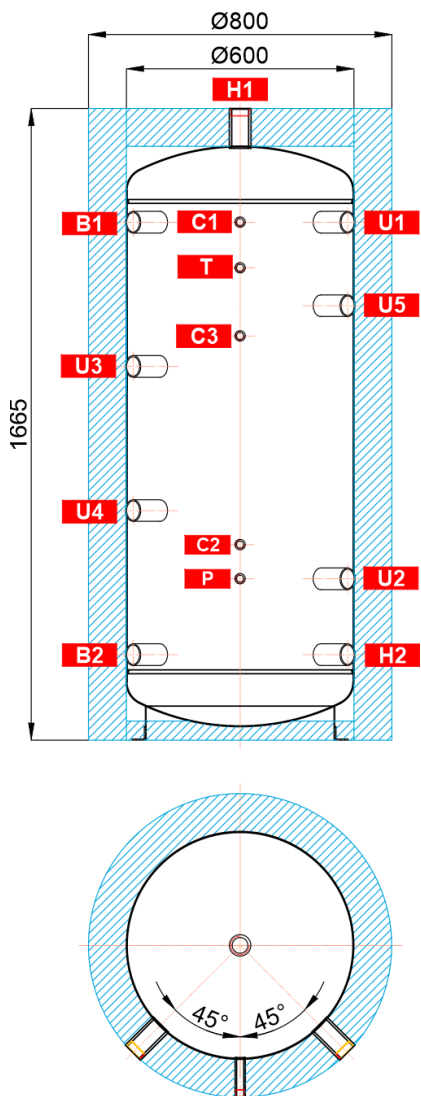
DATA SHEET

PS 400 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	15285
	Insulation code	19338
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a tank with insulation
Energy efficiency class		C
Static loss		85 W
Storage volume		403 l
Technical data		
Total storage tank volume		403 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		600 mm
Storage tank diameter with insulation		800 mm
Storage tank overall height		1665 mm
Tipping height without insulation		1700 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		65 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		680 mm

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Dimensions



TAPPINGS

pos.	description	connection	height [mm]
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Heat sources

B1	Supply from heat source	G 6/4" F	1365
B2	Return to heat source	G 6/4" F	225

Heating system

H1	Supply to heat sink	G 6/4" F	1665
H2	Return from heat sink	G 6/4" F	255

Control and safety

C1	Temperature sensor	G 1/2" F	1365
C2	Temperature sensor	G 1/2" F	515
C3	Temperature sensor	G 1/2" F	1065
T	Thermometer	G 1/2" F	1245
P	Safety valve	G 1/2" F	425

Universal inlet/outlet

U1	Universal inlet/outlet	G 6/4" F	1365
U2	Universal inlet/outlet	G 6/4" F	425
U3	Universal inlet/outlet	G 6/4" F	985
U4	Universal inlet/outlet	G 6/4" F	605
U5	Universal inlet/outlet	G 6/4" F	1145