


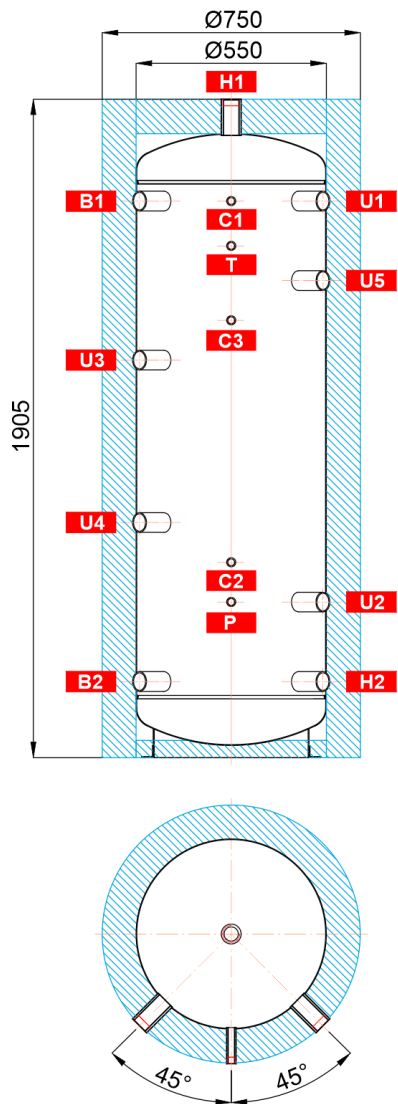
## DATA SHEET

### PS 400 N+ Thermal Store

	<b>Main Features</b>	
	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	13783
	Insulation code	19304
<b>Energy Efficiency Data (as per EC Regulation No. 812/2013)</b>		
		valid for a tank with insulation
Energy efficiency class		C
Static loss		84 W
Storage volume		397 l
<b>Technical data</b>		
Total storage tank volume		397 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		550 mm
Storage tank diameter with insulation		750 mm
Storage tank overall height		1905 mm
Tipping height without insulation		1930 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		71 kg
<b>Materials</b>		
Storage tank material		S235JR
Storage tank perimeter insulation		fleece
Storage tank outer surface insulation		hard polystyrene
Top and bottom storage tank insulation		fleece
<b>Accessories</b>		
Electrical heating element		ETT-A, C, D, F, P, M
Heating element max. length		635 mm

PS 400 N+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
<b>Heat sources</b>			
<b>B1</b>	Supply from heat source	G 6/4" F	1610
<b>B2</b>	Return to heat source	G 6/4" F	220
<b>Heating system</b>			
<b>H1</b>	Supply to heat sink	G 6/4" F	1905
<b>H2</b>	Return from heat sink	G 6/4" F	220
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	1610
<b>C2</b>	Temperature sensor	G 1/2" F	565
<b>C3</b>	Temperature sensor	G 1/2" F	1265
<b>T</b>	Thermometer	G 1/2" F	1480
<b>P</b>	Safety valve	G 1/2" F	450
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	1610
<b>U2</b>	Universal inlet/outlet	G 6/4" F	450
<b>U3</b>	Universal inlet/outlet	G 6/4" F	1150
<b>U4</b>	Universal inlet/outlet	G 6/4" F	680
<b>U5</b>	Universal inlet/outlet	G 6/4" F	1380