

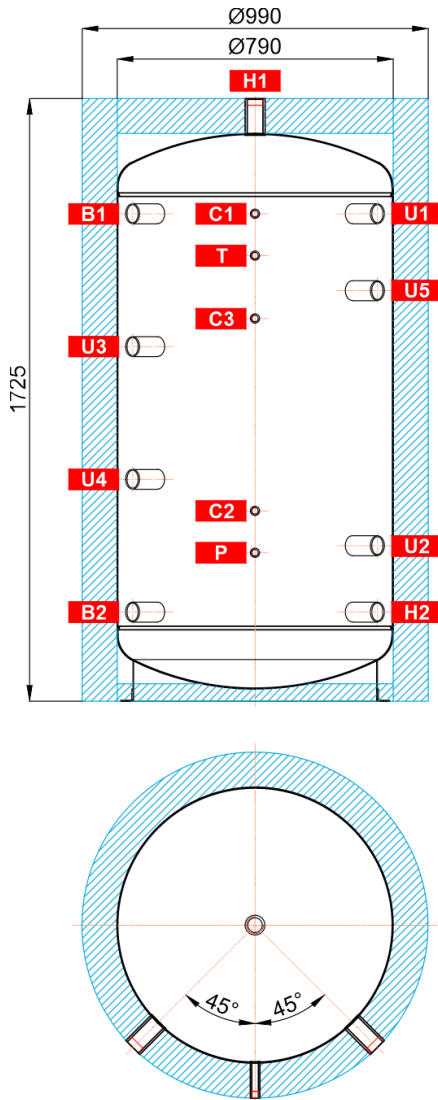
## DATA SHEET

### PS 700 K+ 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	15294
	Insulation code	19300
<b>Energy Efficiency Data (as per EC Regulation No. 812/2013)</b>		
		valid for a tank with insulation
Energy efficiency class		N/A
Static loss		116 W
Storage volume		737 l
<b>Technical data</b>		
Total storage tank volume		737 l
Max. working temperature in storage tank		95 °C
Max. working pressure in storage tank		4 bar
Storage tank diameter		790 mm
Storage tank diameter with insulation		990 mm
Storage tank overall height		1725 mm
Tipping height without insulation		1780 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		93 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		815 mm

PS 700 K+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
<b>Heat sources</b>			
<b>B1</b>	Supply from heat source	G 6/4" F	1395
<b>B2</b>	Return to heat source	G 6/4" F	255
<b>Heating system</b>			
<b>H1</b>	Supply to heat sink	G 6/4" F	1725
<b>H2</b>	Return from heat sink	G 6/4" F	255
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	1395
<b>C2</b>	Temperature sensor	G 1/2" F	545
<b>C3</b>	Temperature sensor	G 1/2" F	1095
<b>T</b>	Thermometer	G 1/2" F	1275
<b>P</b>	Safety valve	G 1/2" F	425
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	1395
<b>U2</b>	Universal inlet/outlet	G 6/4" F	445
<b>U3</b>	Universal inlet/outlet	G 6/4" F	1015
<b>U4</b>	Universal inlet/outlet	G 6/4" F	635
<b>U5</b>	Universal inlet/outlet	G 6/4" F	1175