

## DATA SHEET

### PS 100 IZ Thermal Store



#### Main Features

Application	Welded steel tank designed for storage and subsequent distribution of heat and cold. It is supplied with vapour-proof, non-detachable insulation.
Working fluid	Water, water/glycol mixture (max. 1:1), water/glycerine mixture (max. 2:1) and thermal oil.
Code	<b>19769</b>

#### Energy Efficiency Data (as per EC Regulation No. 813/2013)

Energy Efficiency Class	A
Standing loss	34 W
Storage volume	99 l

#### Technical Data

Total tank volume	99 l
Working temperature in tank	7–95 °C
Max. pressure in tank	3 bar
Tank diameter	450 mm
Tank diameter with insulation	560 mm
Tank overall height	795 mm
Tipping height	1030 mm
Tank perimeter insulation thickness	55 mm
Empty weight	28 kg

#### Materials

Tank material	S235JR
Tank perimeter insulation material	PUR foam
Tank insulation outer surface	hard plastics, grey colour

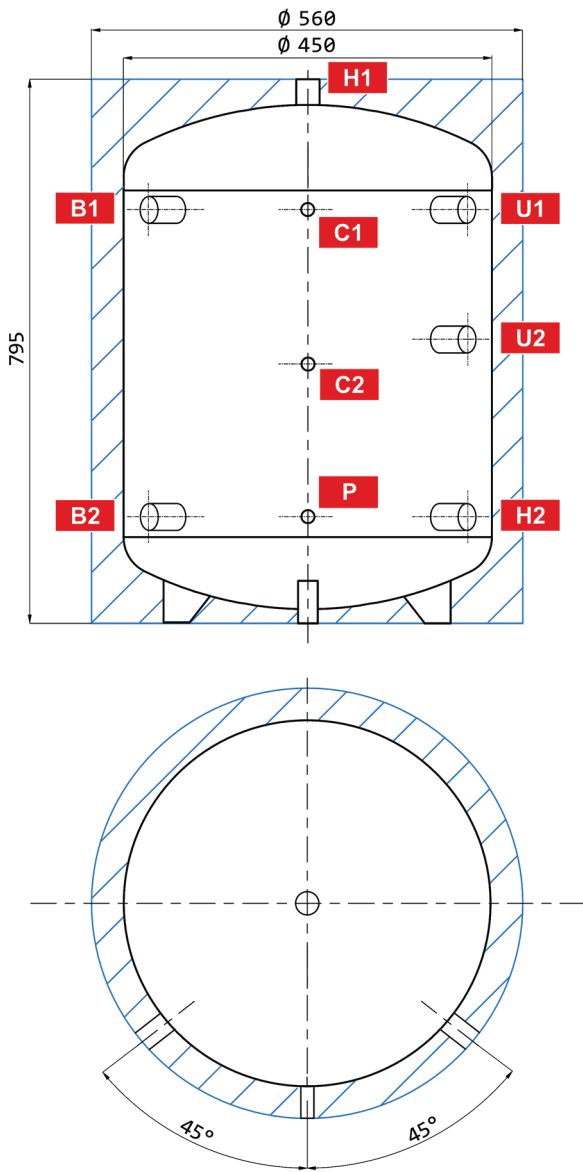
#### Accessories

El. heating element	ETT-D, F, P, M
Heating element max. length	500 mm

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### Dimensions



### CONNECTIONS

Pos.	Description	Connections	Height [mm]
<b>Heat sources</b>			
<b>B1</b>	Inlet from heat source	G 6/4" F	605
<b>B2</b>	Return to heat source	G 6/4" F	185
<b>Heating system</b>			
<b>H1</b>	Outlet to the heating circuit	G 5/4" F	795
<b>H2</b>	Return from heating system	G 6/4" F	185
<b>Control and safety</b>			
<b>C1</b>	Temperature sensor	G 1/2" F	605
<b>C2</b>	Temperature sensor	G 1/2" F	395
<b>P</b>	Safety valve	G 1/2" F	185
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	605
<b>U2</b>	Universal inlet/outlet	G 6/4" F	445