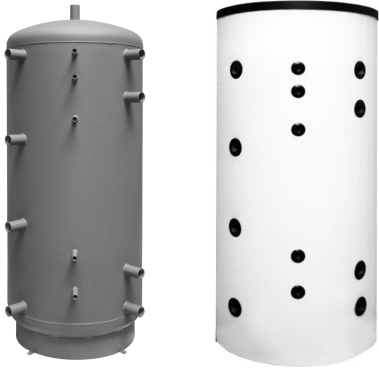
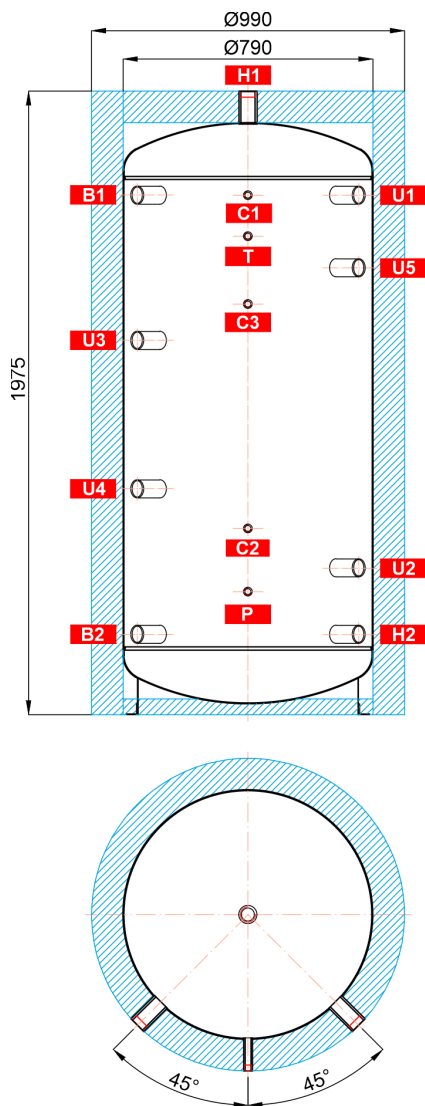


**DATA SHEET**
**PS 900 N+ Thermal Store**

	<table border="1"> <thead> <tr> <th colspan="2" data-bbox="624 262 1465 309">Main Features</th> </tr> </thead> <tbody> <tr> <td data-bbox="624 309 938 533">Application</td> <td data-bbox="938 309 1465 533">Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources</td> </tr> <tr> <td data-bbox="624 533 938 622">Working fluid</td> <td data-bbox="938 533 1465 622">water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil</td> </tr> <tr> <td data-bbox="624 622 938 667">Storage tank code</td> <td data-bbox="938 622 1465 667">15144</td> </tr> <tr> <td data-bbox="624 667 938 714">Insulation code</td> <td data-bbox="938 667 1465 714">19298</td> </tr> </tbody> </table>	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	15144	Insulation code	19298
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	15144										
Insulation code	19298										
Energy Efficiency Data (as per EC Regulation No. 812/2013)											
	valid for a tank with insulation										
Energy efficiency class	N/A										
Static loss	124 W										
Storage volume	860 l										
Technical data											
Total storage tank volume	860 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	1975 mm										
Tipping height without insulation	2020 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	103 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	815 mm										

PS 900 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	1645
<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	1975
<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	1645
<b>C2</b>	Temperature sensor	G 1/2" F	590
<b>C3</b>	Temperature sensor	G 1/2" F	1300
<b>T</b>	Thermometer	G 1/2" F	1515
<b>P</b>	Safety valve	G 1/2" F	390
<b>Universal inlet/outlet</b>			
<b>U1</b>	Universal inlet/outlet	G 6/4" F	1645
<b>U2</b>	Universal inlet/outlet	G 6/4" F	465
<b>U3</b>	Universal inlet/outlet	G 6/4" F	1185
<b>U4</b>	Universal inlet/outlet	G 6/4" F	715
<b>U5</b>	Universal inlet/outlet	G 6/4" F	1415