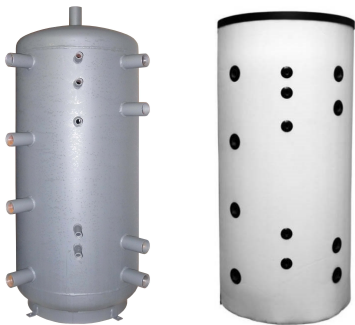


DATA SHEET

PS 300 N+ Thermal Store

	Main Features	
	Application	Storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources; the tank is fitted with 2 flanged openings that can permit installation of a DHW tube heat exchanger or connecting a solar thermal system
	Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
	Storage tank code	14720
	Insulation code	19048

Energy Efficiency Data (as per EC Regulation No. 812/2013)

	valid for a tank with insulation
Energy efficiency class	C
Static loss	70 W
Storage volume	280 l

Technical data

Total storage tank volume	280 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	1405 mm
Tipping height without insulation	1435 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	52 kg

Materials

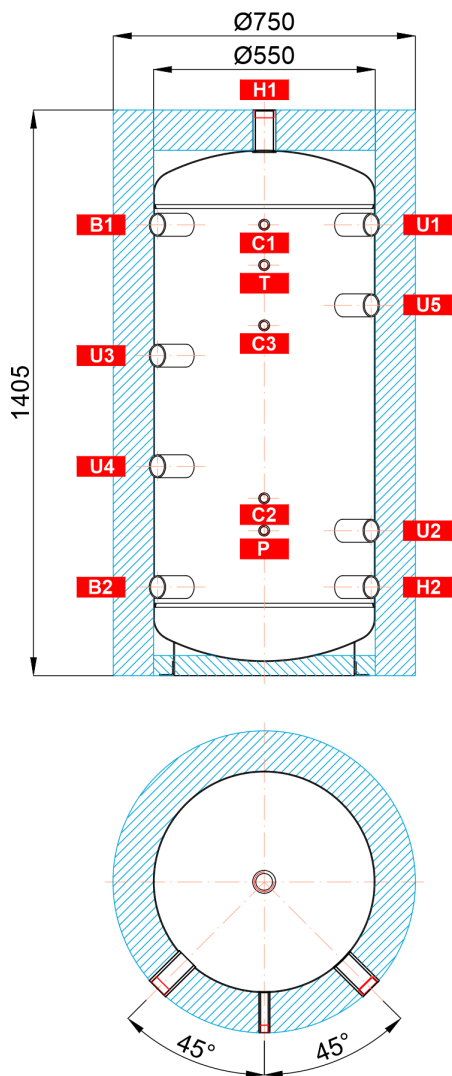
Storage tank material	S235JR
Storage tank perimeter insulation	fleece
Storage tank outer surface insulation	hard polystyrene
Top and bottom storage tank insulation	fleece

Accessories

Electrical heating element	ETT-A, C, D, F, P, M
Heating element max. length	635 mm

PS 300 N+ Thermal Store

Dimensions



TAPPINGS

pos.	description	connection	height [mm]
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Heat sources

B1	Supply from heat source	G 6/4" F	1120
B2	Return to heat source	G 6/4" F	220

Heating system

H1	Supply to heat sink	G 6/4" F	1405
H2	Return from heat sink	G 6/4" F	220

Control and safety

C1	Temperature sensor	G 1/2" F	1120
C2	Temperature sensor	G 1/2" F	440
C3	Temperature sensor	G 1/2" F	870
T	Thermometer	G 1/2" F	1020
P	Safety valve	G 1/2" F	360

Universal inlet/outlet

U1	Universal inlet/outlet	G 6/4" F	1120
U2	Universal inlet/outlet	G 6/4" F	360
U3	Universal inlet/outlet	G 6/4" F	795
U4	Universal inlet/outlet	G 6/4" F	520
U5	Universal inlet/outlet	G 6/4" F	920