

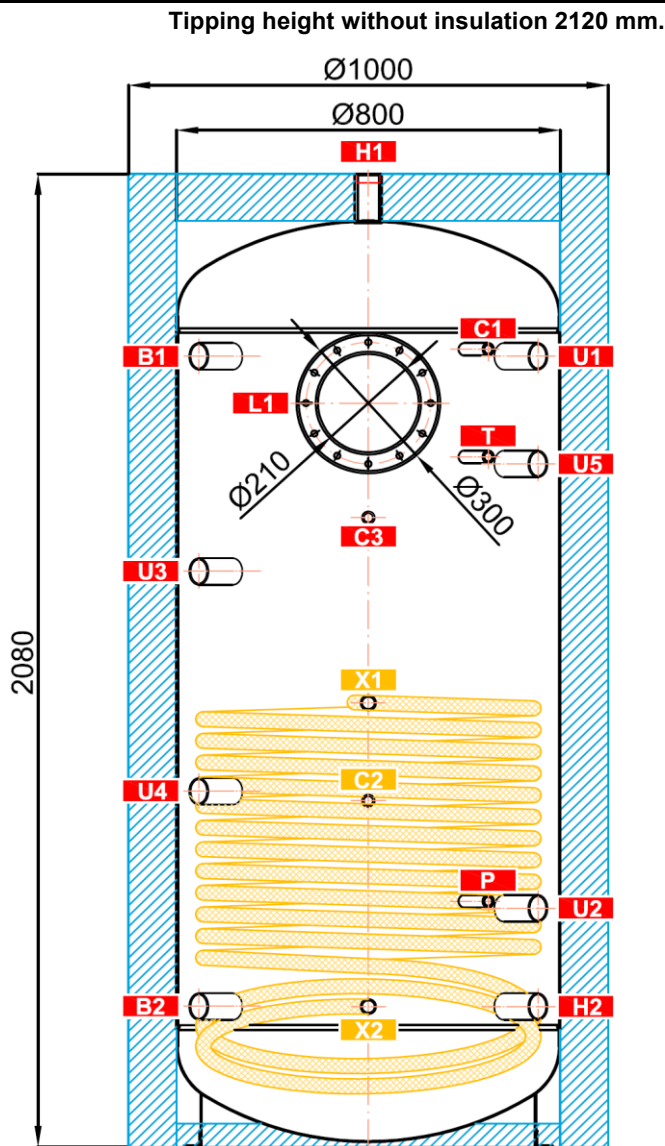
PSWF 1000 N+ Thermal Store



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 a solar heat exchanger and a flanged opening that permits installation of a DHW tube heat exchanger or connecting a solar thermal system
Description	welded steel tank
Working fluid	water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil
Code	
Thermal Store	15 232
Insulation	16 368
Energy Efficiency Data (as per EC Regulation No. 812/2013)	
	PSWF 1000 N+ with insulation
Energy efficiency class	N/A
Standing loss	144 W
Storage volume	912 l
Technical Data	
Total tank volume	930 l
Fluid volume in tank	912 l
Fluid volume in heat exchanger	18 l
Heat exchanger surface area	3,2 m ²
Max. working temperature in Thermal Store	95 °C
Max. working temperature in HE	110 °C
Max. working pressure in Thermal Store	4 bar
Max. working pressure in HE	10 bar
Materials	
Tank material	S235JR
Solar heat exchanger material	S235JR+N
Tank perimeter insulation	fleece
Tank perimeter insulation's outer surface	PU leather
Top and bottom tank insulation	fleece
Dimensions, Tipping height, Insulation thickness, Weight	
Tank diameter	800 mm
Tank diameter with insulation	1000 mm
Tank overall height	2080 mm
Tipping height without insulation	2120 mm
Tank perimeter insulation thickness	100 mm
Bottom insulation thickness	50 mm
Top insulation thickness	120 mm
Empty weight without insulation	180 kg
Accessories	
El. heating element (models)	ETT-A,C, D, F, G, L, M
Heating elem. max. length / output	755 mm / 9 kW
Blind flange	code 6230
Flange for heat exchanger	code 6 231 / 6 232
Tube heat exchanger	max surface area 4,5 m ²

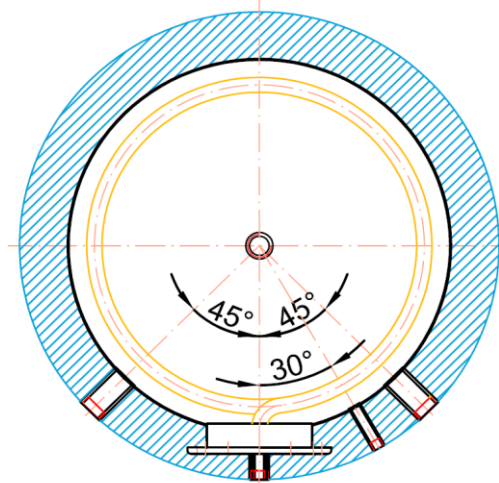
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Dimensions



TAPPINGS

pos.	connection	height [mm]
Heat sources		
B1	G 6/4" F	1690
B2	G 6/4" F	300
Heating system		
H1	G 6/4" F	2080
H2	G 6/4" F	300
Control and safety		
C1	G 1/2" F	1705
C2	G 1/2" F	740
C3	G 1/2" F	1475
T	G 1/2" F	1345
P	G 1/2" F	525
Universal inlet/outlet		
U1	G 6/4" F	1690
U2	G 6/4" F	510
U3	G 6/4" F	1230
U4	G 6/4" F	760
U5	G 6/4" F	1460
Solar thermal systems		
X1	G 1" F	950
X2	G 1" F	300



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Heat exchanger pressure drop graph

