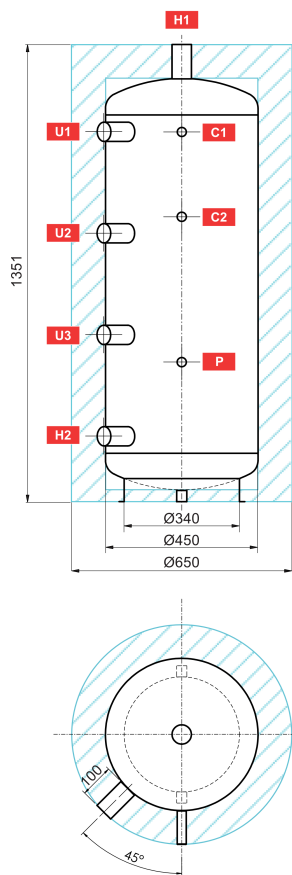


PS 200 E Thermal Store

	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
	Thermal store code	21359
	Insulation code	21427
Energy Efficiency Data (as per EC Regulation No. 812/2013)		
		valid for a thermal store with insulation
Energy efficiency class		B
Static loss		57 W
Storage volume		180 l
Technical data		
Total thermal store volume		180 l
Max. working temperature in thermal store		95 °C
Min. working temperature in thermal store		7 °C
Max. working pressure in thermal store		4 bar
Thermal store diameter		450 mm
Thermal store diameter with insulation		650 mm
Thermal store overall height		1351 mm
Tipping height without insulation		1370 mm
Thermal store perimeter insulation thickness		100 mm
Thermal store bottom insulation thickness		50 mm
Thermal store top insulation thickness		100 mm
Empty weight without insulation		35 kg
Materials		
Thermal store material		S235JR
Thermal store perimeter insulation		fleece + PP caps
Thermal store outer surface insulation		hard polystyrene
Top and bottom thermal store insulation		fleece
Insulation thermal conductivity $\lambda \leq 0.037$ W/mK, thermal resistance (short/long term) 150/100 °C, fire class E.		
Accessories		
Electric heating element		ETT-A, C, D2, M, R, U, F2, P, S
Heating element max. length		500 mm

PS 200 E Thermal Store

Dimensions



CONNECTIONS

pos.	description	connection	height [mm]
Heating system			
H1	Flow to heating system	G 6/4" F	1351
H2	Return from heating system	G 6/4" F	193
Control and safety			
C1	Temperature sensor	G 1/2" F	1093
C2	Temperature sensor	G 1/2" F	843
P	Safety valve	G 1/2" F	413
Universal inlet/outlet			
U1	Universal inlet/outlet	G 6/4" F	1093
U2	Universal inlet/outlet	G 6/4" F	793
U3	Universal inlet/outlet	G 6/4" F	493