

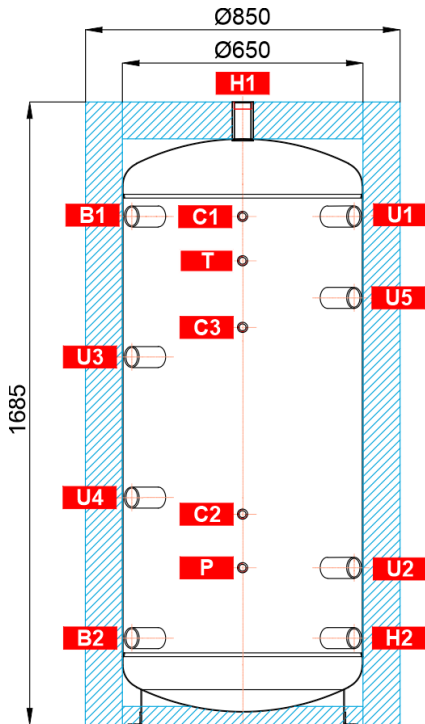
DATA SHEET

PS 500 K+ 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 |
| | Storage tank code | 15288 |
| | Insulation code | 19307 |
| Energy Efficiency Data (as per EC Regulation No. 812/2013) | | |
| | | valid for a tank with insulation |
| Energy efficiency class | | C |
| Static loss | | 93 W |
| Storage volume | | 477 l |
| Technical data | | |
| Total storage tank volume | | 477 l |
| Max. working temperature in storage tank | | 95 °C |
| Max. working pressure in storage tank | | 4 bar |
| Storage tank diameter | | 650 mm |
| Storage tank diameter with insulation | | 850 mm |
| Storage tank overall height | | 1685 mm |
| Tipping height without insulation | | 1720 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 | | 72 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 | | 700 mm |

PS 500 K+ Thermal Store

Dimensions



TAPPINGS

| pos. | description | connection | height [mm] |
|-------------------------------|-------------------------|------------|-------------|
| Heat sources | | | |
| B1 | Supply from heat source | G 6/4" F | 1375 |
| B2 | Return to heat source | G 6/4" F | 235 |
| Heating system | | | |
| H1 | Supply to heat sink | G 6/4" F | 1685 |
| H2 | Return from heat sink | G 6/4" F | 235 |
| Control and safety | | | |
| C1 | Temperature sensor | G 1/2" F | 1375 |
| C2 | Temperature sensor | G 1/2" F | 570 |
| C3 | Temperature sensor | G 1/2" F | 1075 |
| T | Thermometer | G 1/2" F | 1255 |
| P | Safety valve | G 1/2" F | 425 |
| Universal inlet/outlet | | | |
| U1 | Universal inlet/outlet | G 6/4" F | 1375 |
| U2 | Universal inlet/outlet | G 6/4" F | 425 |
| U3 | Universal inlet/outlet | G 6/4" F | 995 |
| U4 | Universal inlet/outlet | G 6/4" F | 615 |
| U5 | Universal inlet/outlet | G 6/4" F | 1155 |