

PS 800 N+



PS 800 N+ with insulation



| Main features | |
|---------------|---|
| Application | storage and subsequent distribution of thermal energy from solid-fuel boilers, heat pumps or other heat sources |
| Description | welded steel tank |
| Working fluid | water, water-glycol mixture (max. 1:1), water-glycerine mixture (max. 2:1), thermal oil |

| Code | |
|---------------|---------------|
| Thermal Store | 15 141 |
| Insulation | 16 339 |

| Energy Efficiency Data (as per EC Regulation No. 812/2013) | |
|--|------------------|
| Energy efficiency class | PS 800 N+ |
| Standing loss | N/A |
| Storage volume | 123 W |
| | 804 l |

| Technical data | |
|----------------------------------|-------|
| Total tank volume | 804 l |
| Max. working temperature in tank | 95 °C |
| Max. working pressure in tank | 4 bar |

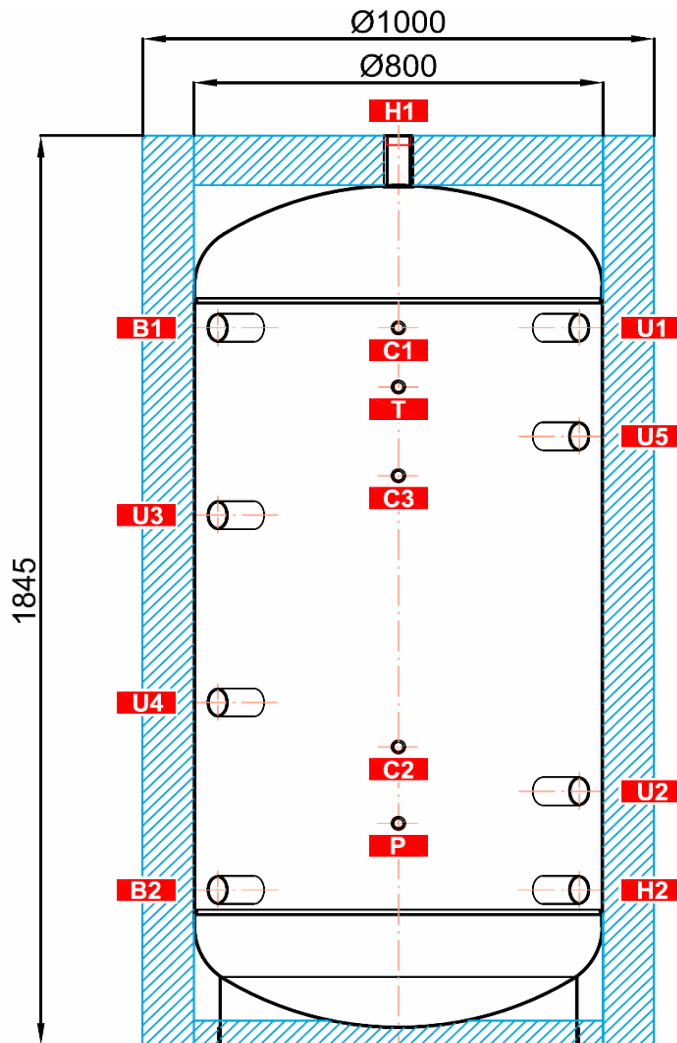
| Materials | |
|--------------------------------|------------|
| Tank material | S235JR |
| Tank perimeter insulation | fleece |
| Insulation's outer surface | PU leather |
| Top and bottom tank insulation | fleece |

| Dimensions, Tipping height, Weight | |
|-------------------------------------|---------|
| Tank diameter | 800 mm |
| Tank diameter with insulation | 1000 mm |
| Tank overall height | 1845 mm |
| Tipping height without insulation | 1890 mm |
| Tank perimeter insulation thickness | 100 mm |
| Bottom insulation thickness | 50 mm |
| Top insulation thickness | 120 mm |
| Empty weight without insulation | 99 kg |

| Accessories | |
|------------------------------------|--------------------------|
| El. heating element | models ETT-A, D, F, G, M |
| Heating elem. max. length / output | 815 mm / 12 kW |

Dimensions

Tipping height without insulation 1890 mm.



TAPPINGS

| pos. | connection | height [mm] |
|---------------------------------|------------|-------------|
| Heat sources | | |
| B1 | G 6/4" F | 1455 |
| B2 | G 6/4" F | 315 |
| Heating system | | |
| H1 | G 6/4" F | 1845 |
| H2 | G 6/4" F | 315 |
| Control and safety | | |
| C1 | G 1/2" F | 1455 |
| C2 | G 1/2" F | 605 |
| C3 | G 1/2" F | 1155 |
| T | G 1/2" F | 1335 |
| P | G 1/2" F | 450 |
| Universal inlet / outlet | | |
| U1 | G 6/4" F | 1455 |
| U2 | G 6/4" F | 515 |
| U3 | G 6/4" F | 1075 |
| U4 | G 6/4" F | 695 |
| U5 | G 6/4" F | 1235 |