


DATA SHEET

PS 2000 N+ 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 | 15156 |
| | Insulation code | 19312 |

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

| | |
|-------------------------|----------------------------------|
| | valid for a tank with insulation |
| Energy efficiency class | N/A |
| Static loss | 190 W |
| Storage volume | 2005 l |

Technical data

| | |
|---|---------|
| Total storage tank volume | 2005 l |
| Max. working temperature in storage tank | 95 °C |
| Max. working pressure in storage tank | 3 bar |
| Storage tank diameter | 1250 mm |
| Storage tank diameter with insulation | 1450 mm |
| Storage tank overall height | 1955 mm |
| Tipping height without insulation | 2055 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 | 209 kg |

Materials

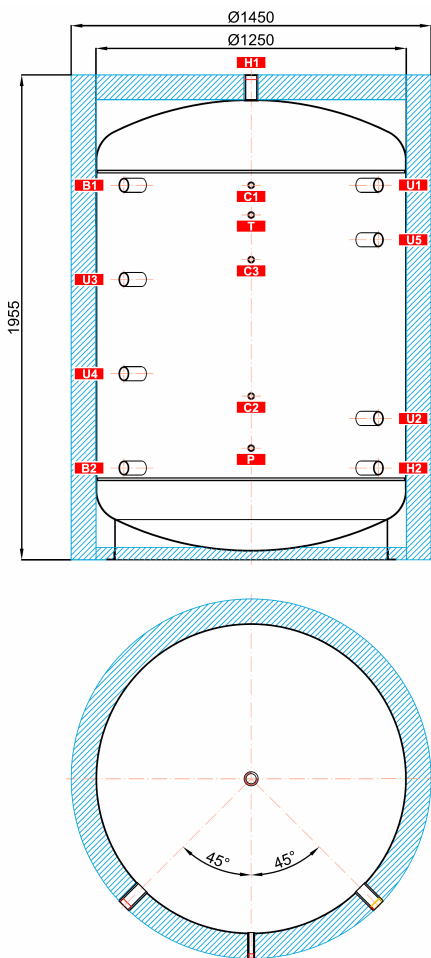
| | |
|--|------------------|
| Storage tank material | S235JR |
| Storage tank perimeter insulation | fleece |
| Storage tank outer surface insulation | hard polystyrene |
| Top and bottom storage tank insulation | fleece |

Accessories

| | |
|-----------------------------|----------------------|
| Electrical heating element | ETT-A, C, D, F, P, M |
| Heating element max. length | 955 mm |

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Dimensions



TAPPINGS

| pos. | description | connection | height [mm] |
|------|-------------|------------|-------------|
|------|-------------|------------|-------------|

Heat sources

| | | | |
|-----------|-------------------------|----------|------|
| B1 | Supply from heat source | G 6/4" F | 1510 |
| B2 | Return to heat source | G 6/4" F | 370 |

Heating system

| | | | |
|-----------|-----------------------|----------|------|
| H1 | Supply to heat sink | G 6/4" F | 1955 |
| H2 | Return from heat sink | G 6/4" F | 370 |

Control and safety

| | | | |
|-----------|--------------------|----------|------|
| C1 | Temperature sensor | G 1/2" F | 1510 |
| C2 | Temperature sensor | G 1/2" F | 660 |
| C3 | Temperature sensor | G 1/2" F | 1210 |
| T | Thermometer | G 1/2" F | 1390 |
| P | Safety valve | G 1/2" F | 450 |

Universal inlet/outlet

| | | | |
|-----------|------------------------|----------|------|
| U1 | Universal inlet/outlet | G 6/4" F | 1510 |
| U2 | Universal inlet/outlet | G 6/4" F | 570 |
| U3 | Universal inlet/outlet | G 6/4" F | 1130 |
| U4 | Universal inlet/outlet | G 6/4" F | 750 |
| U5 | Universal inlet/outlet | G 6/4" F | 1290 |