

DATA SHEET

PS 200 IZ Thermal Store



Main Features

| | |
|---------------|---|
| Application | Welded steel tank designed for storage and subsequent distribution of heat and cold. It is supplied with vapour-proof, non-detachable insulation. |
| Working fluid | Water, water/glycol mixture (max. 1:1), water/glycerine mixture (max. 2:1) and thermal oil. |
| Code | 19770 |

Energy Efficiency Data (as per EC Regulation No. 813/2013)

| | |
|-------------------------|-------|
| Energy Efficiency Class | B |
| Standing loss | 57 W |
| Storage volume | 204 l |

Technical Data

| | |
|-------------------------------------|---------|
| Total tank volume | 204 l |
| Working temperature in tank | 7–95 °C |
| Max. pressure in tank | 3 bar |
| Tank diameter | 450 mm |
| Tank diameter with insulation | 560 mm |
| Tank overall height | 1480 mm |
| Tipping height | 1620 mm |
| Tank perimeter insulation thickness | 55 mm |
| Empty weight | 47 kg |

Materials

| | |
|------------------------------------|----------------------------|
| Tank material | S235JR |
| Tank perimeter insulation material | PUR foam |
| Tank insulation outer surface | hard plastics, grey colour |

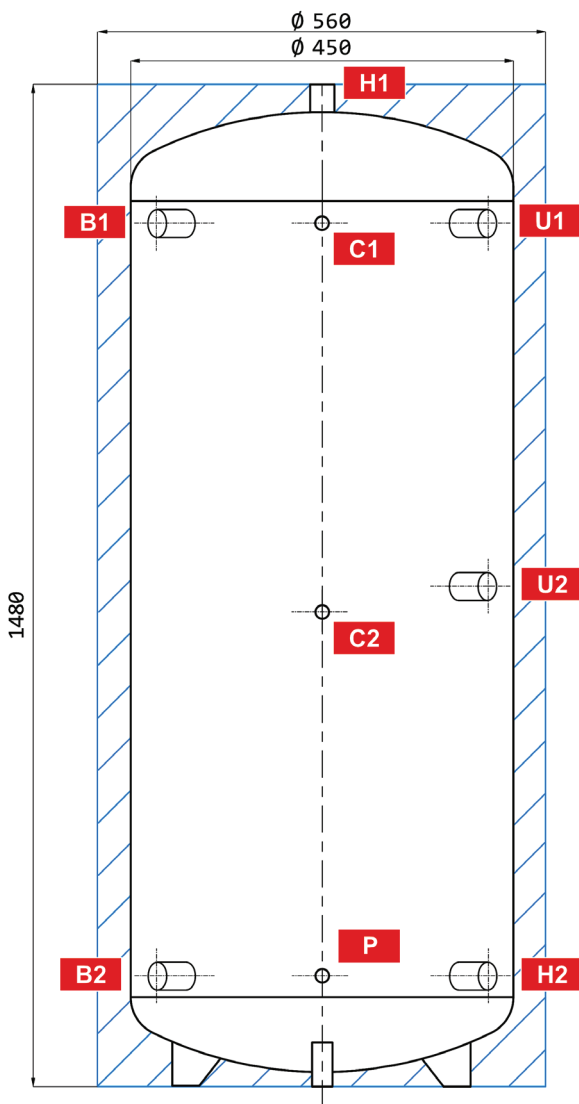
Accessories

| | |
|-----------------------------|----------------|
| El. heating element | ETT-D, F, P, M |
| Heating element max. length | 500 mm |

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Dimensions



CONNECTIONS

| Pos. | Description | Connections | Height [mm] |
|-------------------------------|-------------------------------|-------------|-------------|
| Heat sources | | | |
| B1 | Inlet from heat source | G 6/4" F | 1285 |
| B2 | Return to heat source | G 6/4" F | 185 |
| Heating system | | | |
| H1 | Outlet to the heating circuit | G 5/4" F | 1480 |
| H2 | Return from heating system | G 6/4" F | 185 |
| Control and safety | | | |
| C1 | Temperature sensor | G 1/2" F | 1285 |
| C2 | Temperature sensor | G 1/2" F | 735 |
| P | Safety valve | G 1/2" F | 185 |
| Universal inlet/outlet | | | |
| U1 | Universal inlet/outlet | G 6/4" F | 1285 |
| U2 | Universal inlet/outlet | G 6/4" F | 785 |