

Storatherm Heat HF 300/1_C, Buffer cylinder for heating and cooling systems, silver, 3 bar

Article number: 7843200



Features

| | |
|--|---------------------|
| Type | HF 300/1_C |
| Colour | silver |
| Insulation type | foil jacket |
| Insulation strength | 100 mm |
| Energy efficiency class | C |
| Nominal capacity | 291 l |
| Rated content corrugated pipe | 0 l |
| Number of sleeves | 9 St. |
| Operating temperature | 95 °C |
| Perm. operating temperature heat exchanger | 110 °C |
| Max. perm. operating pressure | 3 bar |
| Perm. operating pressure heat exchanger | 10 bar |
| Operating pressure | 3 bar |
| Connection sleeve/flange | G 1 1/2" |
| EEHR sleeve connection | G 1 1/2" |
| Connection heat surface(s) | R 1" |
| Heat maintaining losses | 79 W |
| Heating surface top | 1.34 m ² |
| Diameter | 783 mm |
| Diameter without insulation | 597 mm |
| Height | 1342 mm |
| Height without insul. | 1321 mm |
| Tilt dimension approx. | 1381 mm |
| Weight | 82.00 kg |

Description

Storatherm Heat

Buffer tank for storing heating and cooling water. Optionally available in upright versions with/without flange or with one/two internal heat exchangers for connection of external energy sources.

The connector series for heat sources and consumers are vertical, offset through 100° configured as charging or discharging connectors. Between these connector series there also vertically arranged screw-in options for sensor sleeves, thermometers or similar (3 x Rp 3/4, 1 x Rp 1/2). Tanks with bare-tube exchanges also have flow and return connectors to the tube bundle heating surface.

Storage tank of steel S235JR+AR, inside uncoated and outside corrosion protected.

Buffer tank up to 1000 litre insulated with 100mm, buffer tank > 1000 litre with 120mm removable fleece insulation; according to DIN 4102-1 material class B2.

Tanks up to 2000 litres are supplied ready-insulated. Tanks greater than 3000 litres are transported horizontally, without insulation. Insulation must be ordered separately. Tank available in energy efficiency class C.

The heat losses are measured on an externally certified test bed.