Storatherm Heat HF 500/R_C, Buffer cylinder for heating and cooling systems, white, 3 bar

Article number: 7842700

Thinking solutions.



Features

Type	HF 500/R_C
Colour	white
Insulation type	foil jacket
Insulation strength	100 mm
Energy efficiency class	C
Nominal capacity buffer tank	476 l
Number of sleeves	9 St.
Operating temperature buffer tank	95 °C
Operating overpressure buffer tank	3 bar
Connection sleeve/flange	G 1 1/2"
EFHR flange connection	DN110
EEHR sleeve connection	G 1 1/2"
Heat retention losses for buffer tank	106.00 W
Diameter	797 mm
Diameter without insulation	597 mm
Height	1942 mm
Height without insul.	1951 mm
Depth	854 mm
Tilt dimension approx.	1991 mm
Weight	79.10 kg

Description

Storatherm Heat
Buffer tank for storing heating and cooling water. Optionally available in upright versions with or without a flange, or with one or two internal heat exchangers for the connection of external energy sources.
The rows of connection ports for heat generators and consumers are arranged vertically, offset by 100°, as inlet and outlet ports respectively. Between these rows of connection ports, there are also vertical screw-in points for sensor sleeves, thermometers or similar (3 x Rp 3/4, 1 x Rp 1/2). Tanks with bare-tube heat exchangers also feature supply and return connections for 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.