

# Storatherm Heat HF 500/1\_C, Buffer cylinder for heating and cooling systems, silver, 3 bar

Article number: 7843300



## Features

Type	HF 500/1_C
Colour	silver
Insulation type	foil jacket
Insulation strength	100 mm
Energy efficiency class	C
Nominal capacity	461 l
Rated content corrugated pipe	16 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	106 W
Heating surface top	1.87 m <sup>2</sup>
Diameter	797 mm
Diameter without insulation	597 mm
Height	1940 mm
Height without insul.	1950 mm
Tilt dimension approx.	1991 mm
Weight	100.00 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.