

Storaflow Heat SH 800 H/F/1_C, Buffer tank for storing heating water, grey, 4 bar

Article number: 7938100



Features

Type	SH 800 H/F/1_C
Colour	grey
Insulation type	foil jacket
Insulation strength	120 mm
Energy efficiency class	C
Nominal capacity buffer tank	758 l
Rated content corrugated pipe	19 l
Number of sleeves	12 St.
Operating temperature buffer tank	95 °C
Perm. operating temperature heat exchanger	110 °C
Operating overpressure buffer tank	4 bar
Perm. operating pressure heat exchanger	10 bar
Connection sleeve/flange	Rp 2"
EFHR flange connection	DN110
Connection heat surface(s)	R 1 1/4"
Connection flow/return	G 1 1/4"
Heat retention losses for buffer tank	134.00 W
Heat retention loss in kWh/24 h for buffer tank	3.20 kWh/24h
Heating surface top	2.66 m²
Diameter	1010 mm
Diameter without insulation	790 mm
Height	1845 mm
Height without insul.	1844 mm
Tilt dimension approx.	1892 mm
Weight	168.00 kg

Description

Storaflow Heat

Buffer tanks for storing heating water. Particularly suitable for use in conjunction with a freshwater station from the Reflex Hydroflow series and Sinus heating circuit manifolds. Versions with a flange and an internal heat exchanger for connecting external energy sources.

The rows of 2-inch connection ports for heat generators and consumers are arranged vertically, offset by 90°, arranged as fill and drain ports, with five on each side, plus an additional 2-inch connection in the centre. Between these rows of connection ports, there are also Vertical screw-in points for sensor sleeves, thermometers or similar (4 x Rp 1/2). In addition, parallel to the 2-inch connections, there is one 1 1/4-inch connection on each side for the return flow switch in conjunction with a perforated internal stratification pipe. The internal stratification baffle complies with DIN 24041. A Rp 3/4-inch connection in the base of the tank is available for filling and draining. 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 800 litres insulated with removable 120mm jacket and cover insulation, 1,000 - 2,000 litres with removable 150mm jacket and 120mm cover insulation, as well as 100mm base insulation. Tanks up to 2000 litres are supplied ready-insulated. Tanks greater than 3000 litres are transported horizontally, without insulation. Insulation must be ordered separately. Hot water storage tanks are equipped with loops on the tank lid. Tank available in energy efficiency class C.

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