Storatherm Aqua Heat Pump AH 500/1_B, high-efficiency storage with foil jacket, white, 10 bar

Article number: 7864200

reflex
Thinking solutions.



Features

Type	AH 500/1_B
Colour	white
Insulation type	foil jacket
Insulation strength	76 mm
Energy efficiency class	B
Nominal Capacity of potable water storage tank	427 l
Rated content corrugated pipe	44 l
Built acc. to	EN 12897
Operating Temperature of potable water storage tank	95 °C
Perm. operating temperature heat exchanger	110 °C
Operating Overpressure of potable water storage tank	10 bar
Perm. operating pressure heat exchanger	10 bar
EFHR flange connection	DN110
EEHR sleeve connection	G 1 1/2"
Drinking water connection	R 1"
Connection heat surface(s)	G 1 1/4"
Circulation connection	G 3/4"
Connection cold/hot water	R 1"
Connection flow/return	G 1 1/4"
Conventional NL coefficient	22.1
Heat retention losses potable water storage tank	78 W
Heating surface top	6.24 m²
Diameter	750 mm
Diameter without insulation	598 mm
Height	1921 mm
Height without insul.	1893 mm
Depth	820 mm
Tilt dimension approx.	2043 mm
Weight	222.00 kg

Description

Storatherm Aqua Heat Pump
Hot water storage tanks for indirect drinking-water heating, particularly for heat pump applications, in a vertical version and optionally with one or two internal heat exchangers.

Storage tank of steel S235JR+AR, designed according to DIN EN 12897 and the Pressure Equipment Directive 2014/68/EU. Enamelling for hygienic perfect drinking water is performed according to DIN 4753 T3.

DHW tank up to 500 litre insulated with non-removable highly efficient insulation system according to DIN 4102-1 material class B2; DHW tank > 500 to 1000 litre insulated with 100mm; DHW tank > 1000 litre with 120mm removable fleece insulation, according to DIN 4102-1 material class B2.

Drinking water tank up to 500 litres available in energy efficiency classes B and C. DHW tank > 500 litres only available in energy efficiency class C.

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