Storatherm Aqua Solar AF 500/2_A, Solar Storage, white, 10 bar

Article number: 7355900

reflex
Thinking solutions.



Features

Type	AF 500/2_A
Colour	white
Insulation type	foil jacket
Insulation strength	96.5 mm
Energy efficiency class	A
Nominal Capacity of potable water storage tank	453 l
Rated content corrugated pipe	9 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	16 bar
EFHR flange connection	DN110
EEHR sleeve connection	G 1 1/2"
Drinking water connection	R 1"
Connection heat surface(s)	R 1"
Circulation connection	R 3/4"
Connection cold/hot water	R 1"
Connection flow/return	R 1"
Conventional NL coefficient	5.9
Solar NL coefficient	19.1
Heat retention losses potable water storage tank	58 W
Heating surface top	1.27 m²
Heating surface bottom	1.88 m²
Diameter without insulation	597 mm
Height	1991 mm
Height without insul.	1893 mm
Width	790 mm
Depth	884 mm
Tilt dimension approx.	2121 mm
Weight	146.00 kg

Description

Storatherm Aqua Solar
Hot water tank for indirect domestic hot water heating with solar support in an upright version with 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.Tanks up to 2000 litres are supplied ready-insulated. Tanks greater than 3000 litres are transported horizontally, without insulation. Insulation must be ordered separately.

Drinking water tank up to 500 litres available in energy efficiency classes A, 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.