

# Storatherm Aqua Solar AF 300/2S\_C, Solar Storage, white, 10 bar

Article number: 7849000



## Features

|                                                      |             |
|------------------------------------------------------|-------------|
| Type                                                 | AF 300/2S_C |
| Colour                                               | white       |
| Insulation type                                      | foil jacket |
| Insulation strength                                  | 50 mm       |
| Energy efficiency class                              | C           |
| Nominal Capacity of potable water storage tank       | 285 l       |
| Rated content corrugated pipe                        | 5 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                          | 2.2         |
| Solar NL coefficient                                 | 8.4         |
| Heat retention losses potable water storage tank     | 83 W        |
| Heating surface top                                  | 0.74 m²     |
| Heating surface bottom                               | 1.42 m²     |
| Diameter                                             | 600 mm      |
| Diameter without insulation                          | 500 mm      |
| Height                                               | 1794 mm     |
| Height without insul.                                | 1756 mm     |
| Depth                                                | 671 mm      |
| Tilt dimension approx.                               | 1875 mm     |
| Weight                                               | 98.50 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.