

SOLAR THERMAL SYSTEM STRATOS® 4S ROTOSHIELD® WITH BOLLYTERM® HP 1



NEW

BOLLYTERM® HP 1



The solar thermal system **STRATOS® 4S ROTOSHIELD® WITH BOLLYTERM® HP 1**, for DHW production, it's composed of the compact solar thermal system STRATOS® 4S ROTOSHIELD® and the BOLLYTERM® HP 1 heat pump water heater with fixed heat exchanger.

CHARACTERISTICS OF THE STRATOS® 4S ROTOSHIELD®

Frame structure of anodized marine grade aluminum.
Support and fixing brackets in galvanized steel.
Capturing system consisting of tubes with Sydney

type vacuum technology with highly selective coating and high vacuum grade.
Primary accumulation in stainless steel AISI 304.
DHW exchanger in stainless steel AISI 316L suitable for drinking water according to 98/83/CE and subsequent amendments.

CALORIFIER

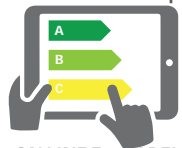
Model **BOLLYTERM® HP 1** with fixed heat exchanger and integrated heat pump with condenser coiled outside the storage tank.
Tank in carbon steel.
Internal Polywarm coating, suitable for drinking

water according to 98/83/CE and subsequent amendments and DHW certifications ACS-SSICA-DVGW-W270-UBA-WRAS.
1500 watt electrical heater included.
Rigid insulation of polyurethane foam with high thermal insulation. External PVC cover.
Tested in accordance with European standard EN 12897:2006.

WARRANTY

5 years - See general sales and warranty conditions

cordivari.com/erp



ON LINE ErP LABEL TOOL

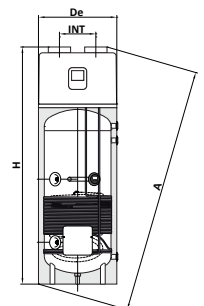
BOLLYTERM® HP 1 WITH 1 HEAT EXCHANGER



ALWAYS ASK FOR CERTIFIED LABORATORIES DATA RESULTS

CORDIVARI Lab

TÜV Rheinland Energie und Umwelt GmbH states that test procedures and Cordivari LAB are certified conforming to European standard EN 15332, as indicated by EArt. Nr.sign ErP Directive.



SYSTEM COMPONENTS

INCLUDED

Compact solar thermal system Stratos® 4S Rotoshield®	✓
BOLLYTERM® HP 1 heat pump water heater	✓
Frame structure anodized marine grade aluminum	✓
6 bar safety valve	✓
5-way diverting / mixing valve	✓
Fixing kit for flat surfaces and pitched roofs	✓
Non-toxic heat transfer fluid	✓
1500 watt electrical heater	✓

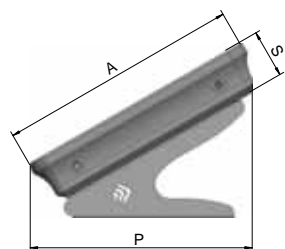
BOLLYTERM® HP 1

ENERGY EFFICIENCY CLASS

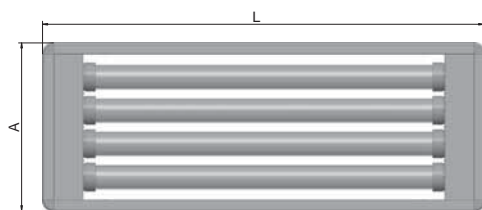
MODEL	INT	De	H	A	TESTED ErP
	[mm]				
200	340	640	1585	1684	A+
300	340	640	1960	2040	A+

For more information and technical data of the calorifiers and buffer tanks please refer to the Cordivari Calorifiers and buffer tanks catalogue.

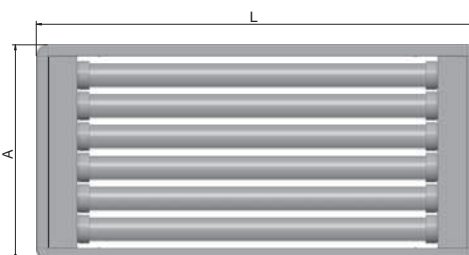
SOLAR THERMAL SYSTEM STRATOS® 4S ROTOSHIELD® WITH BOLLYTERM® HP 1



MODEL 120



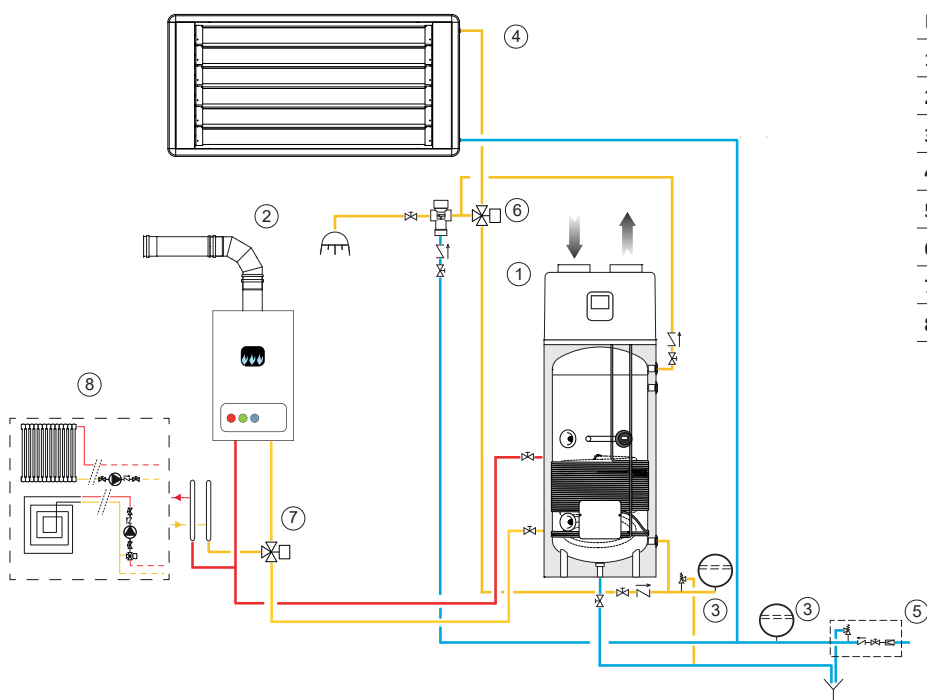
MODEL 180



Model	L	P	H	A	S	DHW connections	Gross surface area	Total weight in function	Weight per m ² in function
120	2160	752	589	822	163	1/2" F	1,77	122	69
180	2160	951	704	1052	163	1/2" F	2,27	178	78

STRATOS® 4S ROTOSHIELD® SYSTEM WITH BOLLYTERM® HP 1

Stratos® 4S	Calorifier	Model	Description	Art. Nr.
120	BOLLYTERM® HP 1	200	STRATOS 4S ROTO 120-BOLLYTERM1 200 WB	3410316619004
180	BOLLYTERM® HP 1	300	STRATOS 4S ROTO 180-BOLLYTERM1 300 WB	3410316619011



LEGEND

- 1** BOLLYTERM® HP 1 heat pump water heater
- 2** Heat source
- 3** Expansion vessel
- 4** Stratos® 4S Rotoshield®
- 5** Hydraulic safety group
- 6** 5-way diverting / mixing valve
- 7** Diverting valve
- 8** Heating system

NOTE: The shown installation examples are for illustrative purposes only. For the correct configuration always refer to a qualified installer.