

# SOLAR THERMAL SYSTEM STRATOS® 4S ROTOSHIELD® WITH BOLLY® 1 PDC



NEW

## BOLLY® 1 PDC



The solar thermal system **STRATOS® 4S ROTOSHIELD® WITH BOLLY® 1 PDC**, for DHW production, it's composed of the compact solar thermal system **STRATOS® 4S ROTOSHIELD®** and the **BOLLY® 1 PDC** calorifier 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 **BOLLY® 1 PDC** with integration exchange unit specific for heat pumps.  
Internal Polywarm coating, suitable for drinking water according to 98/83/CE and subsequent amendments and DHW certifications ACS-SSICA-

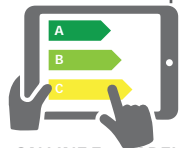
DVGW-W270-UBA-WRAS.

Connections for integration of electrical heater.  
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](http://cordivari.com/erp)



ON LINE ErP LABEL TOOL

### SYSTEM COMPONENTS

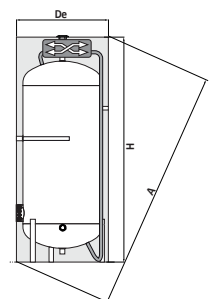
### INCLUDED

Compact solar thermal system Stratos® 4S Rotoshield®	✓
BOLLY® 1 PDC calorifier	✓
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	✓

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.

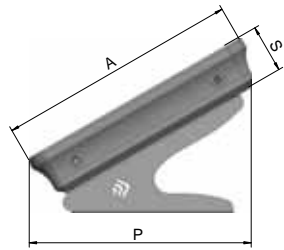


### BOLLY® 1 PDC

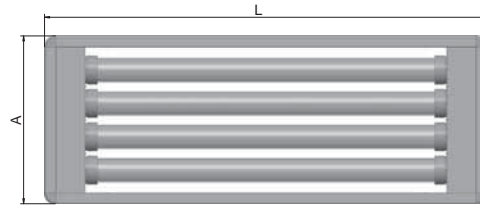
MODEL	De	H	A	ENERGY EFFICIENCY CLASS <b>TESTED ErP</b>
	[mm]			
<b>300</b>	650	1680	1800	<b>B</b>
<b>500</b>	750	1970	2110	<b>C</b>

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

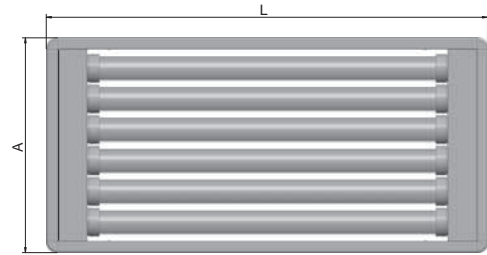
# SOLAR THERMAL SYSTEM STRATOS® 4S ROTOSHIELD® WITH BOLLY® 1 PDC



MODEL 120



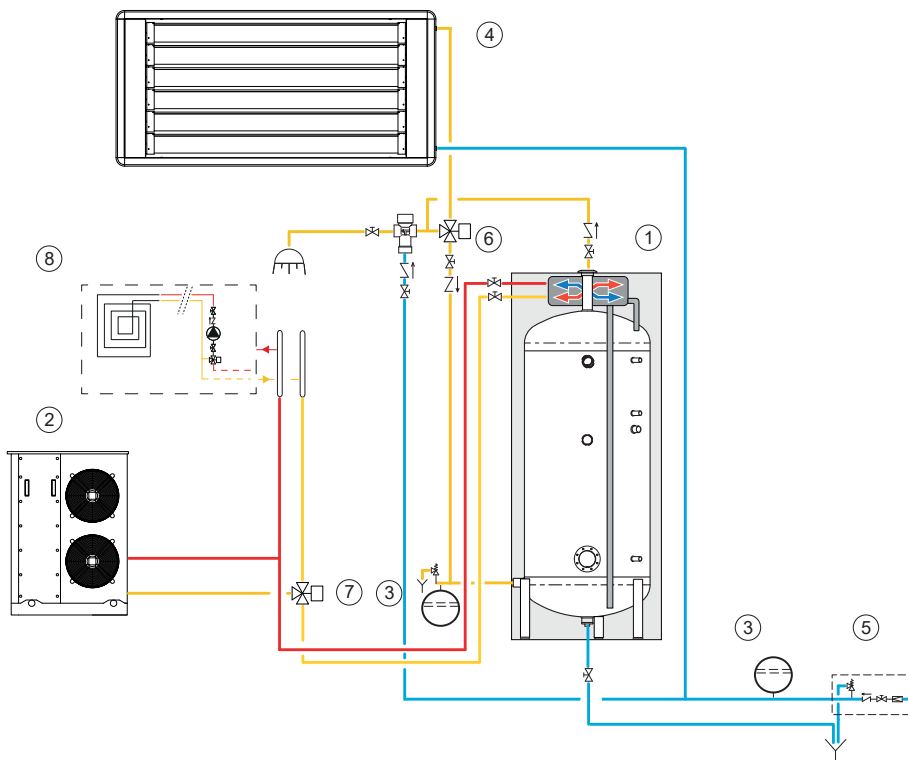
MODEL 180



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

## STRATOS® 4S ROTOSHIELD® SYSTEM WITH BOLLY® 1 PDC

Stratos® 4S	Calorifier	Model	Description	Art. Nr.
<b>120</b>	<b>BOLLY® 1 PDC</b>	<b>300</b>	STRATOS 4S ROTO 120-B1 PDC 300 WB	3410316619003
<b>180</b>	<b>BOLLY® 1 PDC</b>	<b>500</b>	STRATOS 4S ROTO 180-B1 PDC 500 WB	3410316619010



### LEGEND

- |          |                                |
|----------|--------------------------------|
| <b>1</b> | Calorifier BOLLY® 1 PDC        |
| <b>2</b> | Heat source                    |
| <b>3</b> | Expansion vessel               |
| <b>4</b> | Stratos® 4S Rotoshield®        |
| <b>5</b> | Hydraulic safety group         |
| <b>6</b> | 5-way diverting / mixing valve |
| <b>7</b> | Diverting valve                |
| <b>8</b> | Heating and cooling system     |

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