

# SOLAR THERMAL SYSTEM STRATOS® DR WITH BOLLY® 1 XL



NEW

## BOLLY® 1 XL POLYWARM®



The solar thermal system **STRATOS® DR WITH BOLLY® 1 XL POLYWARM®**, for DHW production, it's composed of the compact solar thermal system STRATOS® DR and the BOLLY® 1 XL POLYWARM® calorifier with fixed heat exchanger.

### CHARACTERISTICS OF THE STRATOS® DR

Aluminum profile, anodizing treatment included. Tempered glass according to EN 12150, tested against impact according to EN 12976. Bottoms

and walls with high insulation power ( $\lambda$  0,023 W/mk), thickness 30 mm.

### CALORIFIER

Model **BOLLY® 1 XL POLYWARM®** with fixed heat exchanger.

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.

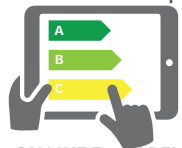
Connections for integration of electrical heater. Rigid insulation of polyurethane foam with high thermal insulation. External PVC cover.

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

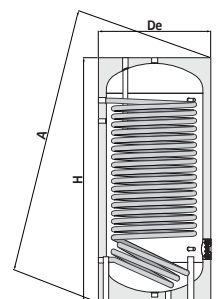
### INCLUDED

STRATOS® DR - Compact solar thermal system with direct heating	✓
BOLLY® 1 XL POLYWARM® calorifier	✓
Frame structure anodized marine grade aluminum	✓
6 bar safety valve	✓
5-way diverting / mixing valve	✓
Vacuum break valve	✓
Nr. 1 Cap of 1"1/4 gas M + Nr. 1 Cap of 1/2" gas M	✓
Fixing kit for flat surfaces (42°) and pitched roofs	✓

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.



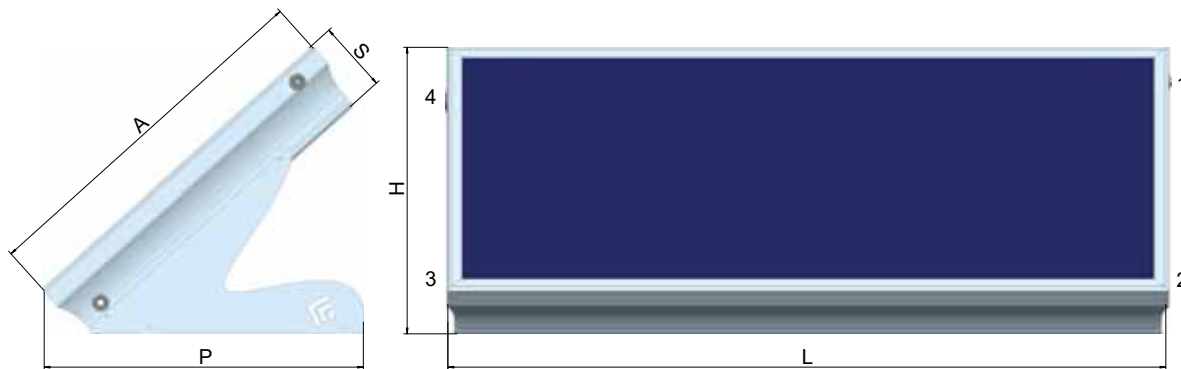
### BOLLY® 1 XL POLYWARM®

ENERGY EFFICIENCY CLASS

MODEL	De	H	A	TESTED ErP ENERGY EFFICIENCY CLASS
	[mm]			
<b>200</b>	550	1440	1541	<b>B</b>
<b>300</b>	650	1492	1627	<b>B</b>

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

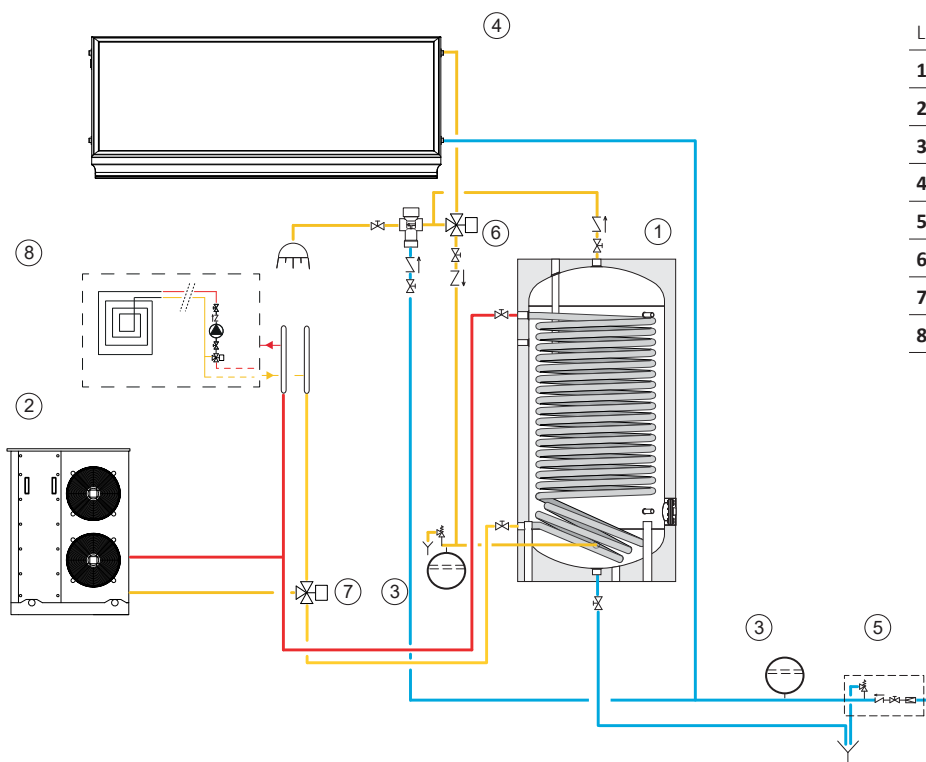
# SOLAR THERMAL SYSTEM STRATOS® DR WITH BOLLY® 1 XL



Model	L	P	H	A	S	Connections			Gross surface area	Empty weight	Weight per m <sup>2</sup> In function
	[mm]					1	2-3	4	[m <sup>2</sup> ]	[kg]	[kg/m <sup>2</sup> ]
<b>180</b>	2288	926	736	882	198	1" 1/4 Gas F	1/2" Gas F	1/2" Gas F	2,02	62	117
<b>260</b>	2288	926	935	1192	198	1" 1/4 Gas F	1/2" Gas F	1/2" Gas F	2,73	84	120

## STRATOS® DR WITH BOLLY® 1 XL

Stratos® DR	Calorifier	Calorifier model	Description	Art. Nr.
<b>180</b>	<b>BOLLY® 1 XL</b>	<b>200</b>	STRATOS DR 180-B1XL 200 WB	3410316619022
<b>260</b>	<b>BOLLY® 1 XL</b>	<b>300</b>	STRATOS DR 260-B1XL 300 WB	3410316619029



### LEGEND

- |   |                                  |
|---|----------------------------------|
| 1 | Calorifier BOLLY® 1 XL POLYWARM® |
| 2 | Heat source                      |
| 3 | Expansion vessel                 |
| 4 | Stratos® DR                      |
| 5 | Hydraulic safety group           |
| 6 | 5-way diverting / mixing valve   |
| 7 | Diverting valve                  |
| 8 | Heating and cooling system       |

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