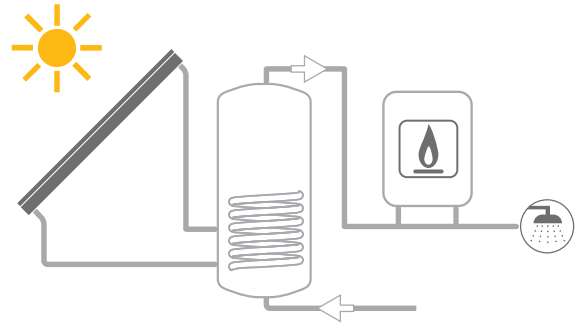


# SOLAR THERMAL SYSTEM B1

FORCED CIRCULATION SYSTEM WITH A SINGLE FIXED COIL CALORIFIER



## BOLLY® 1 ST



The forced circulation system **B1**, for DHW production, is composed of the BOLLY® 1 ST calorifier with fixed heat exchanger in combination with the flat CSP solar collector.

### SOLAR COLLECTOR

- Insulation in mineral wool
- Anodized aluminum structure
- Highly selective absorber
- Impact test according to EN 12975 and EN 9806

- Tempered glass according to EN 12150

### CALORIFIER

- **BOLLY® 1 ST** with capacity from 150 to 300 lt in compliance with EN 12897:2006 Regulation
- Mild steel
- Internal coating Polywarm® suitable for drinking water according to 98/83/CE and subsequent amendments and DHW attestations ACS-SSICA-DVGW-W270-UBA-WRAS

- 1 Polywarm® coated fixed heat exchanger
- High thermal insulation with ecological polyurethane hard foam and grey PVC external lining, upper top in PVC and flange cover in ABS.

### WARRANTY

- 5 years
- See general sales and warranty conditions

### ACCESSORIES ON REQUEST



Electrical heater

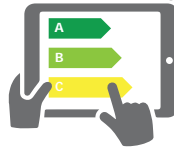


Pre-insulated pipe



Balancing valve

[cordivari.com/erp](http://cordivari.com/erp)

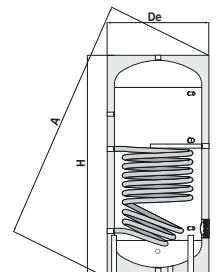


ON LINE ERP LABEL TOOL

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.



ENERGY EFFICIENCY CLASS

### BOLLY® 1 ST

MODEL	De	H	A	TESTED ErP
	[mm]			
<b>150</b>	500	1414	1500	<b>B</b>
<b>200</b>	550	1434	1536	<b>B</b>
<b>300</b>	650	1486	1622	<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.

### SYSTEM COMPONENTS

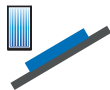

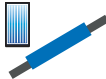
### INCLUDED

Highly selective solar collector	✓
BOLLY® 1 ST Polywarm® calorifier	✓
Circulation unit BASIC complete of circulator electronic control, flow regulator, safety valve, thermometer, temperature probes	✓
Expansion vessel lt 24	✓
Non-toxic heat transfer fluid	✓
Solar thermostatic mixing valve	✓
Fixing kit and fittings	✓

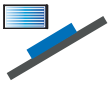


# SOLAR THERMAL SYSTEM B1

FORCED CIRCULATION SYSTEM WITH A SINGLE FIXED COIL CALORIFIER



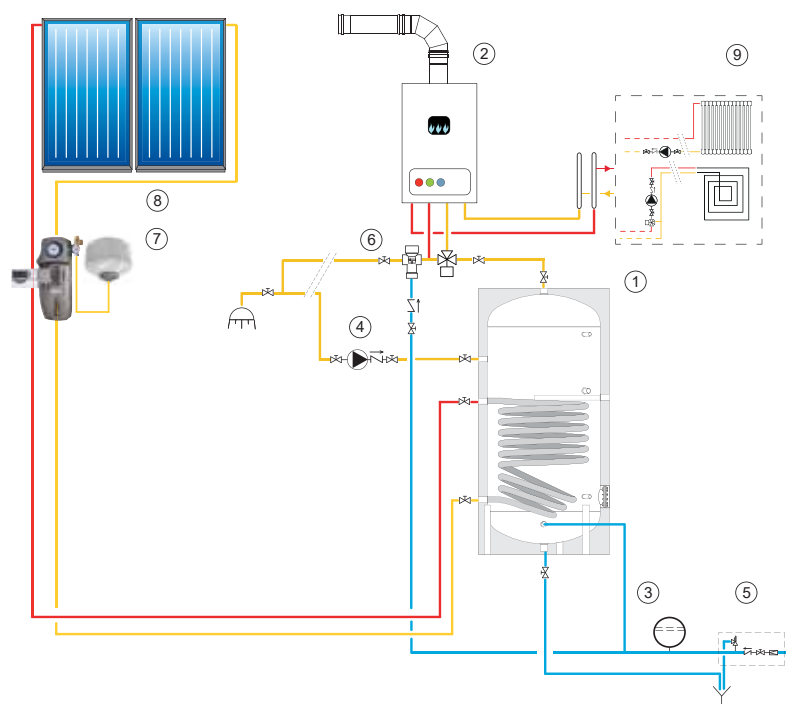
Calorifier type: <b>BOLLY® 1 ST</b>				 VT COLLECTORS - PITCHED ROOF	 VT COLLECTORS - FLAT ROOF	 VT COLLECTORS - ON ROOF
Calorifier model	Nr. of collectors m <sup>2</sup>	Total surface area m <sup>2</sup>	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.
<b>150</b>	1x2,5	2,5	1-3	150B1 2,5MQ TF 3410316614052	150B1 2,5MQ TP 3410316614152	150B1 2,5MQ INCAS. 3410316614252
<b>200</b>	1x2,5	2,5	3-4 <sup>(*)</sup>	200B1 2,5MQ TF 3410316614054	200B1 2,5MQ TP 3410316614154	200B1 2,5MQ INCAS. 3410316614254
<b>200</b>	2x2,5	5	4-5	200B1 5MQ TF 3410316614055	200B1 5MQ TP 3410316614155	200B1 5MQ INCAS. 3410316614255
<b>300</b>	2x2,5	5	5-6	300B1 5MQ TF 3410316614058	300B1 5MQ TP 3410316614158	300B1 5MQ INCAS. 3410316614258

## EXECUTIONS ON REQUEST

Calorifier type: <b>BOLLY® 1 ST</b>				 OR COLLECTORS - PITCHED ROOF	 OR COLLECTORS - FLAT ROOF	 VT COLLECTORS - WALL MOUNTED	SYSTEMS WITHOUT FIXING KIT WITH VERTICAL COLLECTORS
Calorifier model	Nr. of collectors m <sup>2</sup>	Total surface area m <sup>2</sup>	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.
<b>150</b>	1x2,5	2,5	1-3	150B1 2,5MQ TF OR ON REQUEST	150B1 2,5MQ TP OR ON REQUEST	150B1 2,5MQ VT ON REQUEST	150B1 2,5MQ SZ CARP. 3410316614352
<b>200</b>	1x2,5	2,5	3-4 <sup>(*)</sup>	200B1 2,5MQ TF OR 3410316614064	200B1 2,5MQ TP OR 3410316614164	200B1 2,5MQ VT ON REQUEST	200B1 2,5MQ SZ CARP. 3410316614354
<b>200</b>	2x2,5	5	4-5	200B1 5MQ TF OR 3410316614065	200B1 5MQ TP OR 3410316614165	200B1 5MQ VT ON REQUEST	200B1 5MQ SZ CARP. 3410316614355
<b>300</b>	2x2,5	5	5-6	300B1 5MQ TF OR ON REQUEST	300B1 5MQ TP OR ON REQUEST	300B1 5MQ VT ON REQUEST	300B1 5MQ SZ CARP. 3410316614358

For fixing kit and other components see accessories section.

<sup>(\*)</sup> Systems designed for use in areas with high annual sun irradiation more than 1600 Kw/h m<sup>2</sup>.



### LEGEND

- 1 CALORIFIER BOLLY® 1 ST
- 2 Heat source (gas boiler)
- 3 Expansion vessel
- 4 DHW circulation group pump
- 5 Hydraulic safety group
- 6 Diverting valve/Solar thermostatic mixing valve
- 7 Complete solar circulation group
- 8 Solar collector/s
- 9 Heating system

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