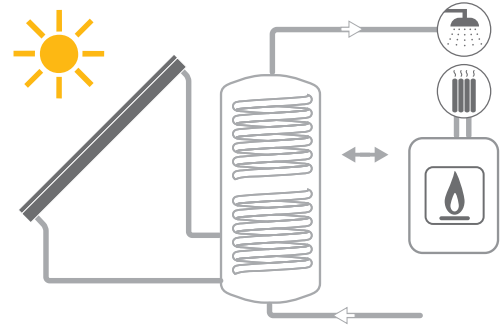


# SOLAR THERMAL SYSTEM B2

FORCED CIRCULATION SYSTEM WITH A DOUBLE FIXED COIL CALORIFIER



## BOLLY® 2 ST



The Solar thermal system **B2** represents the most widespread and consolidated configuration of installations. It best expresses the reliability and high performances in the production of DHW through solar source.

### 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

- Model **BOLLY® 2 ST** with double polywarm coated fixed heat exchanger
- Tank in carbon steel
- Internal Polywarm coating, suitable for drinking water according to 98/83/CE and subsequent amendments and DHW certification of internal Polywarm treatment DHW - SSICA - DVGW -W270 - UBA - WRAS
- Insulation: Rigid fixed polyurethane hard foam with high thermal insulation (up to 500) or removable soft NOFIRE polsiter fiber 100%

recyclable with high thermal insulation and fire resistance class B s2d0 (EN13501) and external PVC cover.

- Tested in accordance with European standard EN 12897:2006

### WARRANTY

5 years - See general sales and warranty conditions

### ACCESSORIES ON REQUEST



Electrical heater



Pre-insulated pipe

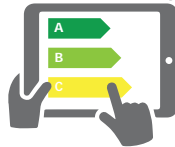


Balancing valve



Thermostatic mixing valve (for systems up to 500)

cordivari.com/erp

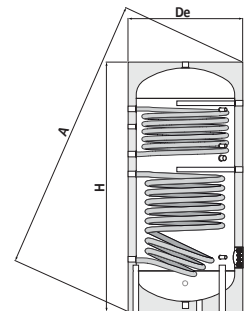


ON LINE Erp LABEL TOOL

ALWAYS ASK FOR CERTIFIED LABORATORIES DATA RESULTS

**CORDIVARI Lab**

TUV 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

Highly selective solar collector	✓
BOLLY® 2 ST calorifier	✓
Circulation unit BASIC complete of circulator electronic control, flow regulator, safety valve, thermometer, temperature probes	✓
Expansion vessel	✓
Until mod. 500: 1x24 lt - from 800 to 1500: 1x50 lt	✓
Non-toxic heat transfer fluid	✓
Solar thermostatic mixing valve (Included up to model 500)	✓
Fixing kit and fittings	✓

### BOLLY® 2 ST

ENERGY EFFICIENCY CLASS

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>
<b>400</b>	700	1766	1900	<b>C</b>
<b>500</b>	750	1786	1937	<b>C</b>
<b>800</b>	950	2163	2343	<b>C</b>
<b>1000</b>	1050	2217	2432	<b>C</b>
<b>1500</b>	1150	2440	2654	<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.



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# SOLAR THERMAL SYSTEM B2

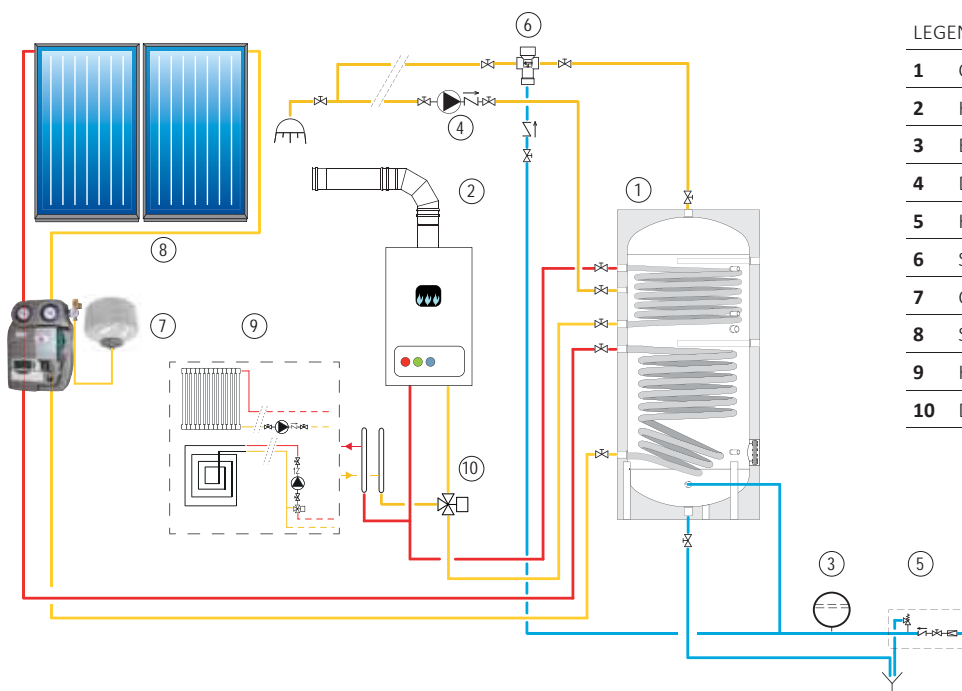
FORCED CIRCULATION SYSTEM WITH A DOUBLE FIXED COIL CALORIFIER



Calorifier type: <b>BOLLY® 2 ST</b>				<b>VT COLLECTORS - PITCHED ROOF</b>	<b>VT COLLECTORS - FLAT ROOF</b>	<b>VT COLLECTORS - ON ROOF</b>
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	150B2 2,5MQ TF 3410316618532	150B2 2,5MQ TP 3410316618632	150B2 2,5MQ INCAS. 3410316618232
<b>200</b>	1x2,5	2,5	3-4 <sup>(*)</sup>	200B2 2,5MQ TF 3410316618533	200B2 2,5MQ TP 3410316618633	200B2 2,5MQ INCAS. 3410316618233
<b>200</b>	2x2,5	5	4-5	200B2 5MQ TF 3410316618534	200B2 5MQ TP 3410316618634	200B2 5MQ INCAS. 3410316618234
<b>300</b>	2x2,5	5	5-6	300B2 5MQ TF 3410316618535	300B2 5MQ TP 3410316618635	300B2 5MQ INCAS. 3410316618235
<b>300</b>	3x2,5	7,5	5-7	300B2 7,5MQ TF 3410316618244	300B2 7,5MQ TP 3410316618248	300B2 7,5MQ INCAS. 3410316618245
<b>400</b>	2x2,5	5	6-7 <sup>(*)</sup>	400B2 5MQ TF 3410316618536	400B2 5MQ TP 3410316618636	400B2 5MQ INCAS. 3410316618236
<b>400</b>	3x2,5	7,5	7-8	400B2 7,5MQ TF 3410316618537	400B2 7,5MQ TP 3410316618637	400B2 7,5MQ INCAS. 3410316618237
<b>500</b>	3x2,5	7,5	8-9	500B2 7,5MQ TF 3410316618538	500B2 7,5MQ TP 3410316618638	500B2 7,5MQ INCAS. 3410316618238
<b>500</b>	4x2,5	10	9-12	500B2 10MQ TF 3410316618539	500B2 10MQ TP 3410316618639	500B2 10MQ INCAS. 3410316618239
<b>800</b>	5x2,5	12,5	12-15	800B2 12,5MQ TF 3410316618540	800B2 12,5MQ TP 3410316618640	800B2 12,5MQ INCAS. 3410316618240
<b>1000</b>	6x2,5	15	15-20	1000B2 15MQ TF 3410316618541	1000B2 15MQ TP 3410316618641	1000B2 15MQ INCAS. 3410316618241
<b>1000</b>	8x2,5	20	20-24	1000B2 20MQ TF 3410316618542	1000B2 20MQ TP 3410316618642	1000B2 20MQ INCAS. 3410316618242
<b>1500</b>	10x2,5	25	24-32	1500B2 25MQ TF 3410316618543	1500B2 25MQ TP 3410316618643	1500B2 25MQ INCAS. 3410316618243

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® 2 ST           |
| 2  | Heat source (gas boiler)         |
| 3  | Expansion vessel                 |
| 4  | DHW circulation group pump       |
| 5  | Hydraulic safety group           |
| 6  | Solar thermostatic mixing valve  |
| 7  | Complete solar circulation group |
| 8  | Solar collector/s                |
| 9  | Heating system                   |
| 10 | Diverting valve                  |




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

# SOLAR THERMAL SYSTEM B2

FORCED CIRCULATION SYSTEM WITH A DOUBLE FIXED COIL CALORIFIER



## EXECUTIONS ON REQUEST

Calorifier type: <b>BOLLY® 2 ST</b>				 <b>OR COLLECTORS - PITCHED ROOF</b>	 <b>OR COLLECTORS - FLAT ROOF</b>	 <b>VT COLLECTORS - WALL MOUNTED</b>	<b>SYSTEMS WITHOUT FIXING KIT WITH VERTICAL COLLECTORS</b>
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	150B2 2,5MQ TF OR ON REQUEST	150B2 2,5MQ TP OR ON REQUEST	150B2 2,5MQ VT ON REQUEST	150B2 2,5MQ SZ CARP. 3410316618332
<b>200</b>	1x2,5	2,5	3-4 <sup>(*)</sup>	200B2 2,5MQ TF OR 3410316618563	200B2 2,5MQ TP OR 3410316618663	200B2 2,5MQ VT ON REQUEST	200B2 2,5MQ SZ CARP. 3410316618333
<b>200</b>	2x2,5	5	4-5	200B2 5MQ TF OR 3410316618564	200B2 5MQ TP OR 3410316618664	200B2 5MQ VT ON REQUEST	200B2 5MQ SZ CARP. 3410316618334
<b>300</b>	2x2,5	5	5-6	300B2 5MQ TF OR 3410316618565	300B2 5MQ TP OR 3410316618665	300B2 5MQ VT ON REQUEST	300B2 5MQ SZ CARP. 3410316618335
<b>300</b>	3x2,5	7,5	5-7	300B2 7,5MQ TF OR 3410316618246	300B2 7,5MQ TP OR 3410316618249	300B2 7,5MQ VT 3410316618250	300B2 7,5MQ SZ CARP. 3410316618247
<b>400</b>	2x2,5	5	6-7 <sup>(*)</sup>	400B2 5MQ TF OR 3410316618566	400B2 5MQ TP OR 3410316618666	400B2 5MQ VT ON REQUEST	400B2 5MQ SZ CARP. 3410316618336
<b>400</b>	3x2,5	7,5	7-8	400B2 7,5MQ TF OR ON REQUEST	400B2 7,5MQ TP OR ON REQUEST	400B2 7,5MQ VT ON REQUEST	400B2 7,5MQ SZ CARP. 3410316618337
<b>500</b>	3x2,5	7,5	8-9	500B2 7,5MQ TF OR 3410316618568	500B2 7,5MQ TP OR 3410316618668	500B2 7,5MQ VT ON REQUEST	500B2 7,5MQ SZ CARP. 3410316618338
<b>500</b>	4x2,5	10	9-12	500B2 10MQ TF OR ON REQUEST	500B2 10MQ TP OR ON REQUEST	500B2 10MQ VT ON REQUEST	500B2 10MQ SZ CARP. 3410316618339
<b>800</b>	5x2,5	12,5	12-15	800B2 12,5MQ TF OR ON REQUEST	800B2 12,5MQ TP OR ON REQUEST	800B2 12,5MQ VT ON REQUEST	800B2 12,5MQ SZ CARP. 3410316618340
<b>1000</b>	6x2,5	15	15-20	1000B2 15MQ TF OR 3410316618571	1000B2 15MQ TP OR 3410316618671	1000B2 15MQ VT ON REQUEST	1000B2 15MQ SZ CARP. 3410316618341
<b>1000</b>	8x2,5	20	20-24	1000B2 20MQ TF OR ON REQUEST	1000B2 20MQ TP OR ON REQUEST	1000B2 20MQ VT ON REQUEST	1000B2 20MQ SZ CARP. 3410316618342
<b>1500</b>	10x2,5	25	24-32	1500B2 25MQ TF OR ON REQUEST	1500B2 25MQ TP OR ON REQUEST	1500B2 25MQ VT ON REQUEST	1500B2 25MQ SZ CARP. 3410316618343

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>**.

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