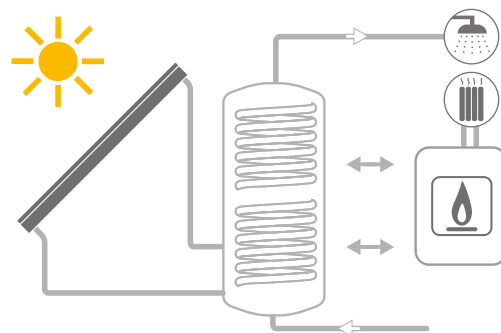


# SOLAR THERMAL SYSTEM **B2 ST CVT**

FORCED CIRCULATION SYSTEMS FOR DOMESTIC HOT WATER (DHW) WITH VACUUM COLLECTORS AND DOUBLE COIL DHW TANK



BOLLY® 2 ST FB



### BASIC electronic control



- User friendly
- Up to 6 different configuration systems



The **B2 CVT** forced circulation system for domestic hot water (DHW) production is composed of the BOLLY® 2 ST double fixed heat exchanger boiler combined with **CVT vacuum solar collectors**. The B2 system exemplifies reliability and high performance.

### SOLAR COLLECTORS

- Highly selective PVD solar collector with Sydney-type vacuum tubes using Heat Pipe technology.
- Anodized aluminum structure.
- Parabolic CPC concentrating mirror.
- Tubes tested in accordance with EN 12975 / ISO 9806 (impact resistance tested using a 150g steel sphere dropped from a height of 0.8 meters).
- Compliant with the UNI EN 12975 standard;

### CALORIFIER

- Model **BOLLY® 2 ST FB** with double fixed heat exchanger
- Constructed from carbon steel.
- Internal coating of Polywarm®, suitable for drinking water according to D.M. n. 174 of 06.04.04, with certifications for drinking water safety: Polywarm® internal treatment – ACS, SSICA, DVGW, W270, UBA, WRAS.
- Prepared for electrical integration.
- Rigid insulation made of high-performance expanded polyurethane or removable soft insulation made of recyclable NOFIRE® polyester fiber, offering high thermal insulation and a fire resistance class of B-s2d0 (EN 13501). External coating in PVC.
- Tested in accordance with the European standard **EN 12897:2006**.

### ACCESSORIES

See accessories section

### WARRANTY

See general conditions of sale and warranty

### ACCESSORIES ON REQUEST



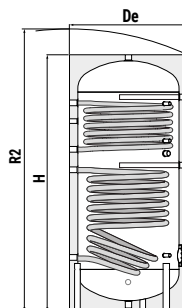
For more information see accessories section.

SYSTEM COMPONENTS	INCLUDED
High selective solar vacuum tube collector PVD, of the type Sydney with heat pipe technology	✓
Calorifier BOLLY® 2 ST FB (200-300L)	✓
Circulation unit BASIC ONE complete of circulator electronic control BASIC, flow regulator, safety valve, thermometer, temperature probes	✓
Expansion vessel It 24	✓
Non-toxic heat transfer fluid	✓
Solar thermostatic mixing valve	✓
Fixing kit and fittings	✓

### 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.



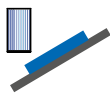
### BOLLY® 2 ST FB

Model	De	H	R2	ENERGY EFFICIENCY CLASS
	[mm]			
<b>200</b>	550	1434	1540	<b>B</b>
<b>300</b>	650	1486	1630	<b>B</b>

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

# SOLAR THERMAL SYSTEM **B2 ST CVT**

FORCED CIRCULATION SYSTEMS FOR DOMESTIC HOT WATER (DHW) WITH VACUUM COLLECTORS AND DOUBLE COIL DHW TANK



Calorifier type:  
**BOLLY® 2 ST FB**

**VT COLLECTORS - PITCHED ROOF**

**VT COLLECTORS - FLAT ROOF**

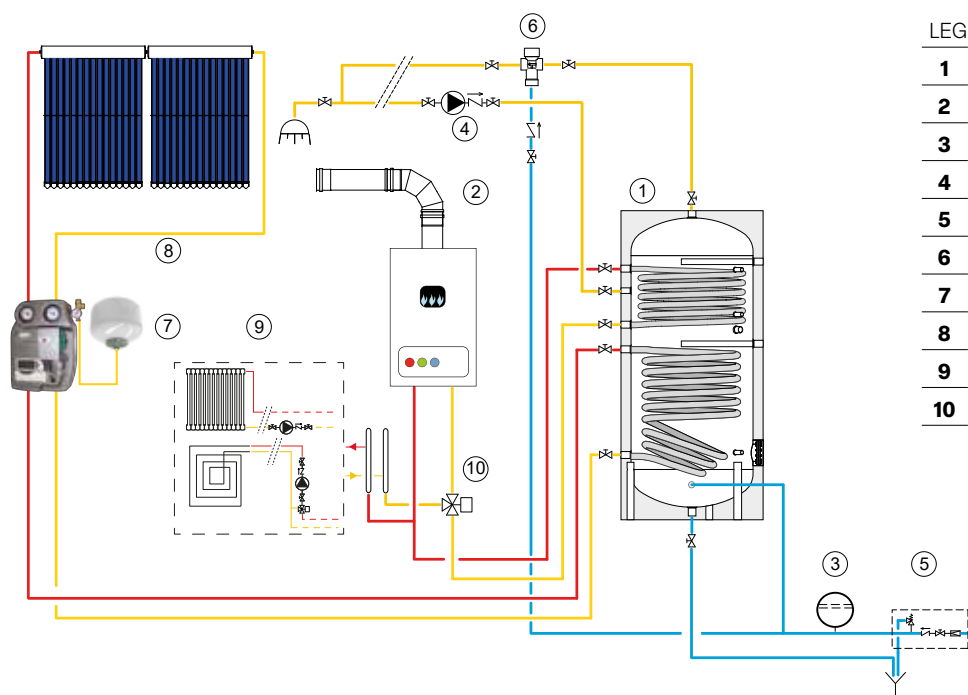
Model	Nr. of capturing tubes	Total surface area [m <sup>2</sup> ]	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.
<b>200</b>	1x10	2,17	3-4 <sup>(*)</sup>	<b>200 B2 CVT10 TF</b> 3410316618902	<b>200 B2 CVT10 TP</b> 3410316618915
<b>200</b>	1x15	3,22	4-5	<b>200 B2 CVT15 TF</b> 3410316618903	<b>200 B2 CVT15 TP</b> 3410316618916
<b>300</b>	2x10	4,34	5-6	<b>300 B2 2CVT10 TF</b> 3410316618904	<b>300 B2 2CVT10 TP</b> 3410316618917
<b>300</b>	2x15	6,44	5-7	<b>300 B2 2CVT15 TF</b> 3410316618905	<b>300 B2 2CVT15 TP</b> 3410316618918

(\*) Vacuum tube collectors CVT 10 and CVT 15 Cordivari (VACUUM TUBE HEAT PIPE)

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

For fixing kit and other components see accessories section.

FORCED SYSTEMS



## 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.