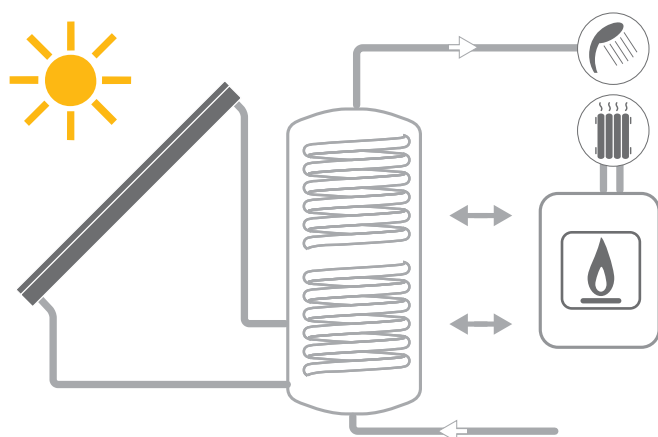


SOLAR THERMAL SYSTEM B2 CVT

FORCED CIRCULATION SYSTEM FOR DHW WITH VACUUM TUBE COLLECTORS AND DOUBLE COIL CALORIFIER FOR BOILER INTEGRATION



NEW



POWERFUL AND RELIABLE



APPLICATION

The **B2 CVT** solar thermal system employs the Cordivari CVT vacuum tube collectors in combination with the configuration with the calorifier with 2 fixed heat exchangers. This maximizes the performance in the production of DHW from solar heat source even at higher latitudes or in very cold climates thanks to the high selective collectors with vacuum technology.

SOLAR COLLECTOR CVT

High selective solar vacuum tube collector PVD, of the type Sydney with heat pipe technology.
- Anodized aluminum structure.

- Parabolic concentrator mirror CPC
- Anti-hail tubes
- In compliance with **UNI EN 12975** regulation

CALORIFIER

- **BOLLY® 2 ST** with capacity from 150 to 1500
- It In compliance with EN 12897:2006 Regulation
- Mild steel
- Internal coating Polywarm® suitable for drinking water according to the D.M. nr 174 of 06/04/2004 and DHW attestations ACS-SSICA-DVGW-W270-UBA-WRAS
- 2 Polywarm® coated fixed heat exchangers
- Connection for electrical heater integration

- High thermal insulation with ecological polyurethane hard foam and grey PVC external lining, upper top and flange cover in ABS.

ACCESSORIES

See accessories section

WARRANTY

5 years
See general sales and warranty conditions

ACCESSORIES ON REQUEST



Electrical heating



Pre-insulated pipe



Balancing valve



Thermostatic mixing valve (for systems > 500lt)



www.cordivari.com/erp

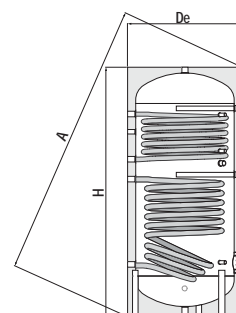
ON LINE Erp LABEL TOOL

For more information see accessories section.

ASK ALWAYS 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.




SYSTEM COMPONENTS

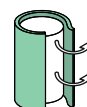
INCLUDED

High selective solar vacuum tube collector PVD, of the type Sydney with heat pipe technology	✓
BOLLY® 2 ST calorifier	✓
Expansion vessel It 24	✓
Circulation unit BASIC complete of circulator electronic control, flow regulator, safety valve, thermometer, temperature probes	✓
Non-toxic heat transfer fluid	✓
Solar thermostatic mixing valve (Included up to 500 lt model)	✓
Fixing kit and fittings	✓

BOLLY® 2

ENERGY EFFICIENCY CLASS

MODEL	CLASS			
	De	H	A	
	[mm]			
150	500	1414	1500	B
200	550	1434	1536	B
300	650	1486	1622	C
400	700	1766	1900	C
500	750	1786	1937	C
800	950	2189	2367	C
1000	1050	2223	2438	C
1500	1150	2471	2705	C



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 B2 CVT

FORCED CIRCULATION SYSTEM FOR DHW WITH VACUUM TUBE COLLECTORS AND DOUBLE COIL CALORIFIER FOR BOILER INTEGRATION



MODEL CALORIFIER	150	200	200	300	300	400	500
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Nr. Of collectors (*)	1x10	1x10	1x15	2x10	2x15	2x15	2x15
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Total surface area m ²	2,17	2,17	3,22	4,34	6,44	6,44	6,44
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Calorifier type BOLLY® 2 ST

Nr. Recommended users	1-3	3-4	4-5	5-6	5-7	6-7	7-8
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Model description	150B2 CVT10 TF	200B2 CVT10 TF	200B2 CVT15 TF	300B2 2CVT10 TF	300B2 2CVT15 TF	400B2 2CVT15 TF	500B2 2CVT15 TF
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ART. NR.	3410316618901	3410316618902	3410316618903	3410316618904	3410316618905	3410316618906	3410316618907
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Model description	150B2 CVT10 TP	200B2 CVT10 TP	200B2 CVT15 TP	300B2 2CVT10 TP	300B2 2CVT15 TP	400B2 2CVT15 TP	500B2 2CVT15 TP
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ART. NR.	3410316618914	3410316618915	3410316618916	3410316618917	3410316618918	3410316618919	3410316618920
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MODEL CALORIFIER	500	800	800	1000	1500	1500
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Nr. Of collectors (*)	4x10	4x15	5x15	5x15	6x15	8x15
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Total surface area m ²	8,68	12,88	16,1	16,1	19,32	25,76
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Calorifier type BOLLY® 2 ST

Nr. Recommended users	8-9	9-12	12-15	15-20	20-24	24-32
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Model description	500B2 4CVT10 TF	800B2 4CVT15 TF	800B2 5CVT15 TF	1000B2 5CVT15 TF	1500B2 6CVT15 TF	1500B2 8CVT15 TF
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ART. NR.	3410316618908	3410316618909	3410316618910	3410316618911	3410316618912	3410316618913
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Model description	500B2 4CVT10 TP	800B2 4CVT15 TP	800B2 5CVT15 TP	1000B2 5CVT15 TP	1500B2 6CVT15 TP	1500B2 8CVT15 TP
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ART. NR.	3410316618921	3410316618922	3410316618923	3410316618924	3410316618925	3410316618926
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(*) Cordivari vacuum tube collectors CVT10 and CVT15 (with heat pipe technology).

Fixing kit and other components see accessories section.