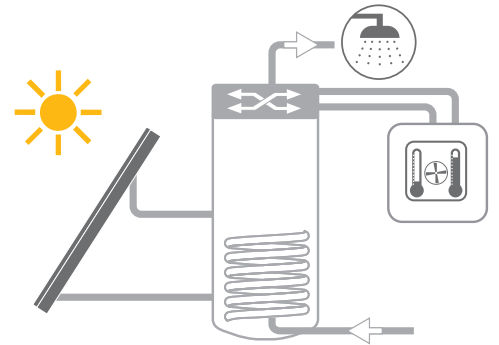


SOLAR THERMAL SYSTEM B2 PDC

SOLAR THERMAL SYSTEMS WITH FORCED CIRCULATION FOR THE PRODUCTION OF DHW WITH INTEGRATION FOR HEAT PUMP



BOLLY® 2 PDC



The Solar Thermal System **B2 PDC** represents the most advanced evolution of thermal solar system suitable to produce DHW. Thanks to the new exchanger group for heat pumps, it provides the most efficient integration system.

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® 2 PDC** with fixed solar heat exchanger and integrated heat exchange unit for heat pump, with stainless steel AISI 316 L plates.
- 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 of rigid polyurethane foam with high thermal insulation. External PVC cover

- Connection for electrical heater
- Tested in accordance with European standard EN 12897:2006

WARRANTY

5 years - See general sales and warranty conditions

ACCESSORIES ON REQUEST



Electrical heater

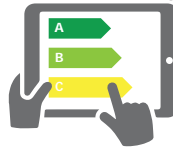


Pre-insulated pipe



Balancing valve

cordivari.com/erp



ON LINE Erp LABEL TOOL

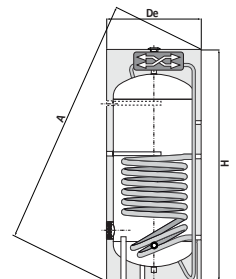
PATENTED EXCHANGE SYSTEM



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.



SYSTEM COMPONENTS

INCLUDED

Highly selective solar collector	✓
BOLLY® 2 PDC calorifier	✓
Circulation unit BASIC complete of circulator electronic control, flow regulator, safety valve, thermometer, temperature probes	✓
Expansion vessel It 24	✓
Non-toxic heat transfer fluid	✓
Solar thermostatic mixing valve	✓
Fixing kit and fittings	✓

BOLLY® 2 PDC

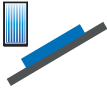

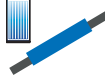
MODEL	De	H	A	ENERGY EFFICIENCY CLASS
	[mm]			
300	650	1600	1727	B
500	750	1900	2043	C

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 PDC

SOLAR THERMAL SYSTEMS WITH FORCED CIRCULATION FOR THE PRODUCTION OF DHW WITH INTEGRATION FOR HEAT PUMP

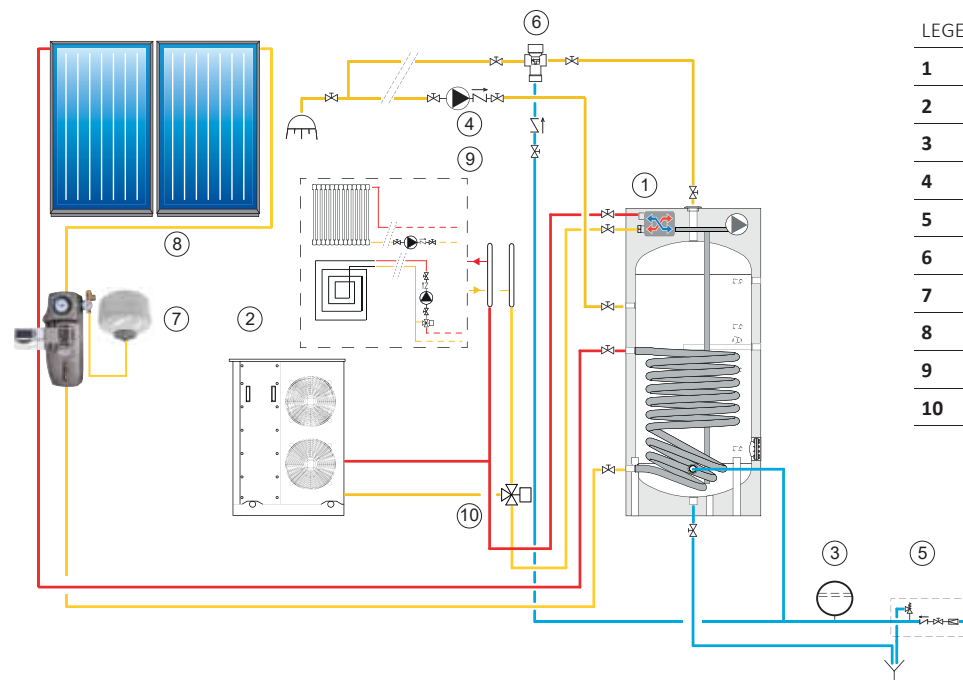


Calorifier type: BOLLY® 2 PDC				 VT COLLECTORS - PITCHED ROOF	 VT COLLECTORS - FLAT ROOF	 VT COLLECTORS - ON ROOF
Calorifier model	Nr. of collectors m ²	Total surface area m ²	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.
300	2x2,5	5	1-6	300B2PDC 5MQ TF	300B2PDC 5MQ TP	300B2PDC 5MQ INCAS.
				3410316618585	3410316618685	3410316618285
500	3x2,5	7,5	6-9	500B2PDC 7,5MQ TF	500B2PDC 7,5MQ TP	500B2PDC 7,5MQ INCAS.
				3410316618588	3410316618688	3410316618288
500	4x2,5	10	9-12	500B2PDC 10MQ TF	500B2PDC 10MQ TP	500B2PDC 10MQ INCAS.
				3410316618589	3410316618689	3410316618289

EXECUTIONS ON REQUEST

Calorifier type: BOLLY® 2 PDC				 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 ²	Total surface area m ²	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.
300	2x2,5	5	1-6	300B2PDC 5MQ TF OR	300B2PDC 5MQ TP OR	300B2PDC 5MQ VT	300B2PDC 5MQ SZ CARP.
				ON REQUEST	ON REQUEST	ON REQUEST	3410316618385
500	3x2,5	7,5	6-9	500B2PDC 7,5MQ TF OR	500B2PDC 7,5MQ TP OR	500B2PDC 7,5MQ VT	500B2PDC 7,5M SZ CARP.
				ON REQUEST	ON REQUEST	ON REQUEST	3410316618388
500	4x2,5	10	9-12	500B2PDC 10MQ TF OR	500B2PDC 10MQ TP OR	500B2PDC 10MQ VT	500B2PDC 10MQ SZ CARP.
				ON REQUEST	ON REQUEST	ON REQUEST	3410316618389

For fixing kit and other components see accessories section.



LEGEND

- 1 BOLLY® 2 PDC calorifier
- 2 Heat source (heat pump)
- 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.