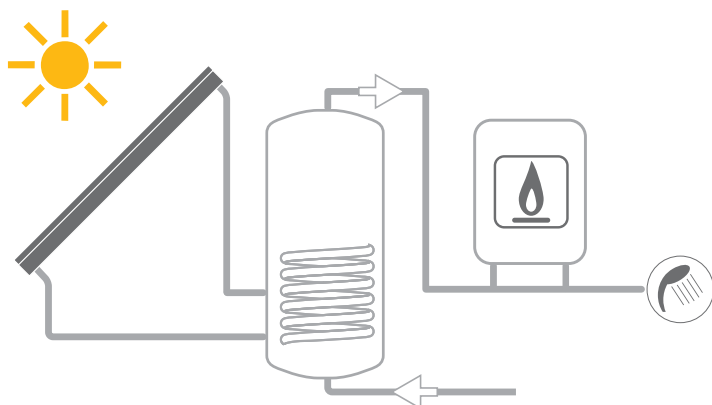


SOLAR THERMAL SYSTEM B1

FORCED CIRCULATION SYSTEM WITH A SINGLE FIXED COIL CALORIFIER



EASY INTEGRATION WITH EVERY INSTALLATION



APPLICATION

The Solar thermal system B1 represents the typical and consolidated configuration for forced circulation installations together with the technological improvements result of long experience in the hydro thermal sector and represents the final result of our know how in the production of DHW.

SOLAR COLLECTOR

- Insulation in mineral wool
- Anodized aluminum structure
- Highly selective absorber

- Anti-hail tempered glass
- In compliance with **UNI EN 12975** regulation

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 the D.M. nr 174 of 06/04/2004 and DHW attestations ACS-SSICA-DVGW-W270-UBA-WRAS
- 1 Polywarm® coated fixed heat exchanger

- Connections for electrical heater integration
- High thermal insulation with ecological polyurethane hard foam and grey PVC external lining, upper top in PVC 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



www.cordivari.com/erp

ON LINE Erp LABEL TOOL

For more information see accessories section.

SYSTEM COMPONENTS

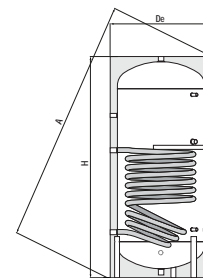
INCLUDED

Highly selective solar collector	✓
BOLLY® 1 ST calorifier	✓
Expansion vessel lt 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	✓
Fixing kit and fittings	✓

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.



BOLLY® 1 ST

ENERGY EFFICIENCY CLASS

MODEL	De	H	A	
	[mm]			
	150	500	1414	
200	550	1434	1536	B
300	650	1486	1622	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 B1

FORCED CIRCULATION SYSTEM WITH A SINGLE FIXED COIL CALORIFIER



STRATOS®

SYSTEMS WITH FLAT COLLECTORS


SYSTEMS WITH SOLAR VACUUM TUBE COLLECTOR



COLLECTORS AND ACCESSORIES

TECHNICAL SUPPORT


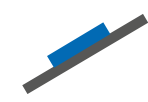
Calorifier model	150	200	200	300
Nr. Of collectors	1 x 2,5 m ²	1 x 2,5 m ²	2 x 2,5 m ²	2 x 2,5 m ²
Total surface area m ²	2,5	2,5	5	5
Calorifier type	BOLLY® 1 ST			
Nr. Recommended users	1-3	3-4 ^(*)	4-5	5-6



	Model description	150B1 2,5MQ TF	200B1 2,5MQ TF	200B1 5MQ TF	300B1 5MQ TF
	ART. NR.	3410316614052	3410316614054	3410316614055	3410316614058


	Model description	150B1 2,5MQ TP	200B1 2,5MQ TP	200B1 5MQ TP	300B1 5MQ TP
	ART. NR.	3410316614152	3410316614154	3410316614155	3410316614158

	Model description	150B1 2,5MQ INCAS.	200B1 2,5MQ INCAS.	200B1 5MQ INCAS.	300B1 5MQ INCAS.
	ART. NR.	3410316614252	3410316614254	3410316614255	3410316614258

EXECUTIONS ON REQUEST

	Model description	150B1 2,5MQ TF OR	200B1 2,5MQ TF OR	200B1 5MQ TF OR	300B1 5MQ TF OR
	ART. NR.	-	3410316614064	3410316614065	-

	Model description	150B1 2,5MQ TP OR	200B1 2,5MQ TP OR	200B1 5MQ TP OR	300B1 5MQ TP OR
	ART. NR.	-	3410316614164	3410316614165	-

	Model description	150B1 2,5MQ VT	200B1 2,5MQ VT	200B1 5MQ VT	300B1 5MQ VT
--	-------------------	----------------	----------------	--------------	--------------

SYSTEMS WITHOUT FIXING KIT WITH VERTICAL COLLECTORS

Model description	150B1 2,5MQ SZ CARP.	200B1 2,5MQ SZ CARP.	200B1 5MQ SZ CARP.	300B1 5MQ SZ CARP.
ART. NR.	3410316614352	3410316614354	3410316614355	3410316614358

Fixing kit and other components see accessories section.

(*) Systems designed for use in areas with high annual sun irradiation more than 1600 kw/h m²