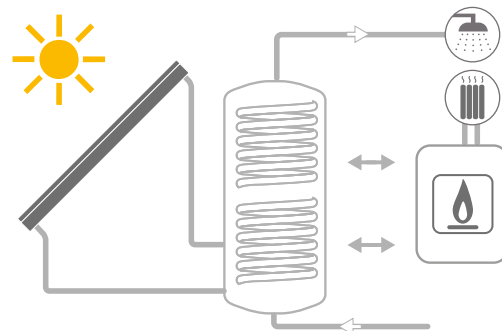


# SOLAR THERMAL SYSTEM **ECO BASIC**

FORCED CIRCULATION SYSTEM WITH A DOUBLE COIL DHW TANK



### BASIC electronic control



- User friendly
- Up to 6 different configuration systems



The **ECO BASIC** forced circulation solar thermal system for DHW production consists of the **BOLLY® 2 ST FB** model with double fixed heat exchanger combined with **flat solar collectors**. This system exemplifies reliability and high performance.

#### SOLAR COLLECTORS

- Insulation made of mineral wool
- Anodized aluminum frame
- Highly selective absorber
- Tempered hail-resistant glass in accordance with **EN 12975 / ISO 9806** (impact resistance tested using a 150g steel sphere dropped from a height of 2 meters).
- Compliant with the **UNI EN 12975** standard

#### CALORIFIER

- Model **BOLLY® 2 ST FB** with double fixed heat exchanger
- Made in Mild 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, DVGW, W270, UBA, WRAS
- Prepared for electrical integration
- Rigid insulation made of high-performance expanded polyurethane. External lining 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



Electrical heater



Pre-insulated pipe



Balancing valve



Heat Manager Smart Controller

For more information see accessories section.

#### SYSTEM COMPONENTS

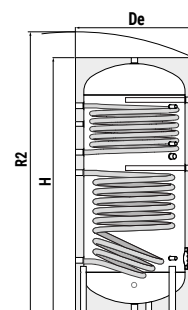
#### INCLUDED

Highly selective solar collector (1x2,5 m <sup>2</sup> - 2x2,5 m <sup>2</sup> - 3x2,5 m <sup>2</sup> )	✓
Calorifier BOLLY® 2 ST FB (200L-300L)	✓
Circulation unit BASIC ONE complete of circulator electronic control BASIC, flow regulator, safety valve, thermometer, temperature probes	✓
Expansion vessel	✓
Non-toxic heat transfer fluid	✓
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

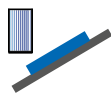
ENERGY EFFICIENCY CLASS

Model	De	H	R2	ErP
	[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 **ECO BASIC**

FORCED CIRCULATION SYSTEM WITH A DOUBLE COIL DHW TANK



Calorifier type:

**BOLLY® 2 ST FB**

**VT COLLECTORS - PITCHED ROOF**

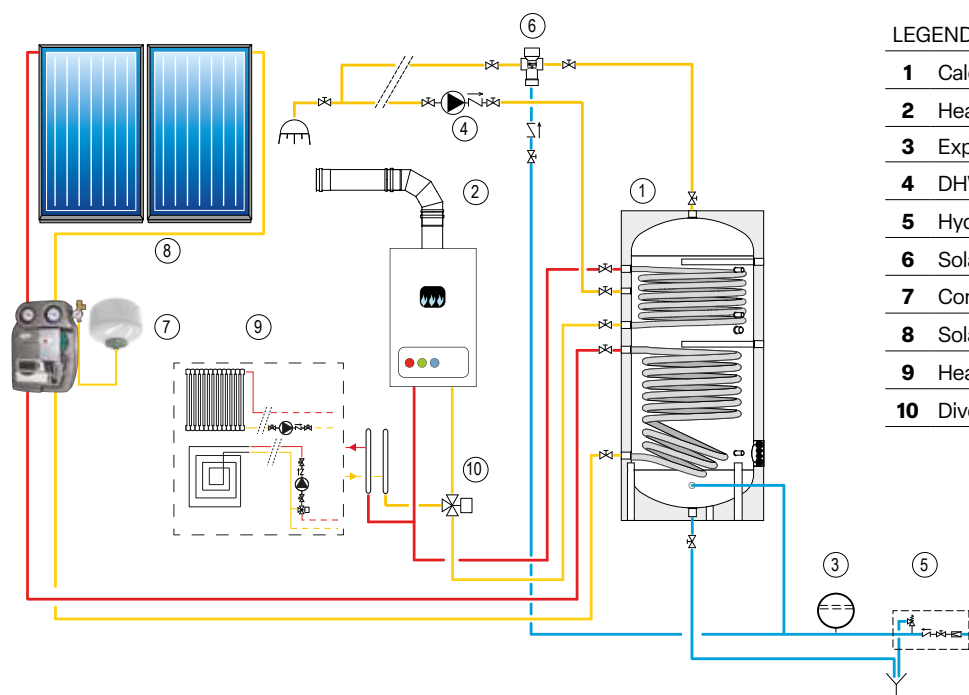
**VT COLLECTORS - FLAT ROOF**

Calorifier model	Total surface area m <sup>2</sup>	Description/ Art. Nr.	Description/ Art. Nr.
200	2,5	<b>200 LT/2,5MQ TF</b> 3410316618690	<b>200 LT/2,5 TP</b> 3410316618691
	2,7	<b>200 LT/2,7MQ TF</b> 3410316618358	<b>200 LT/2,7MQ TP</b> 3410316618359
	5	<b>200 LT/5MQ TF</b> 3410316618692	<b>200 LT/5MQ TP</b> 3410316618693
300	5	<b>300 LT/5MQ TF</b> 3410316618570	<b>300 LT/5MQ TP</b> 3410316618670
	5,4	<b>300 LT/5,4MQ TF</b> 3410316618356	<b>300 LT/5,4MQ TP</b> 3410316618357
	7,5	<b>300 LT/7,5MQ TF</b> 3410316618572	<b>300 LT/7,5MQ TP</b> 3410316618573

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 FB
- 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 collectors
- 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.