

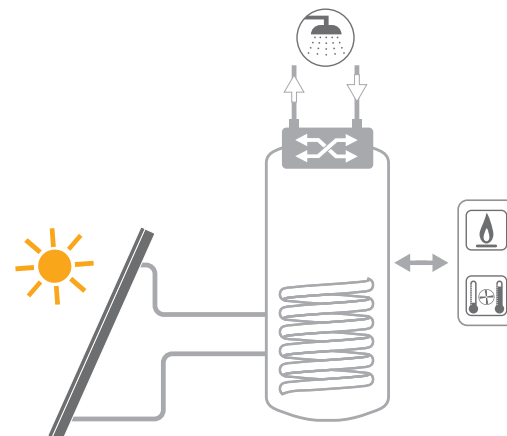
# SOLAR THERMAL SYSTEM PUFFERMAS® 2 DOMUS

FORCED CIRCULATION SYSTEM FOR INSTANTANEOUS DHW PRODUCTION WITH STORAGE TANK



NEW

## PUFFERMAS® 2 DOMUS



The forced circulation system **PUFFERMAS 2 DOMUS**, for DHW production, is composed of the combined buffer tank PUFFERMAS 2 DOMUS combined with flat CSP solar collectors

### 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

### CHARACTERISTICS OF THE BUFFER TANK

- **PUFFERMAS® 2 DOMUS** with fixed solar heat exchanger and instantaneous DHW production module with stainless steel AISI 316L plates
- Tank in carbon steel
- Insulation of rigid polyurethane foam with high

- thermal insulation. External PVC cover
- Electronic control unit

### WARRANTY

5 years - See general sales and warranty conditions

### ACCESSORIES ON REQUEST



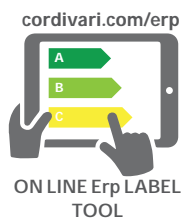
Electrical heater



Pre-insulated pipe



Balancing valve



### SYSTEM COMPONENTS

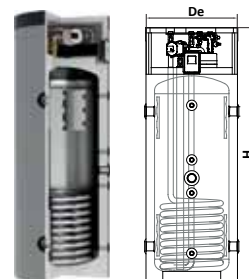
INCLUDED

Highly selective solar collector	✓
Buffer tank PUFFERMAS® 2 DOMUS	✓
Circulation unit PROFESSIONAL ONE: complete of circulator, electric control unit basic, flow regulator, safety valve, thermometers, temperature probes	✓
Expansion vessel It 24	✓
Non-toxic heat transfer fluid	✓
Fixing kit and fittings	✓

ALWAYS ASK FOR CERTIFIED LABORATORIES DATA RESULTS

**CORDIVARI Lab**

TUV 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.



### PUFFERMAS® 2 DOMUS

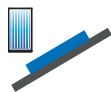
ENERGY EFFICIENCY CLASS

MODEL	[mm]		TESTED ErP CLASS
	De	H	
200	550	1539	B
300	650	1580	B

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

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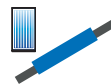
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VT COLLECTORS - PITCHED ROOF



VT COLLECTORS - FLAT ROOF



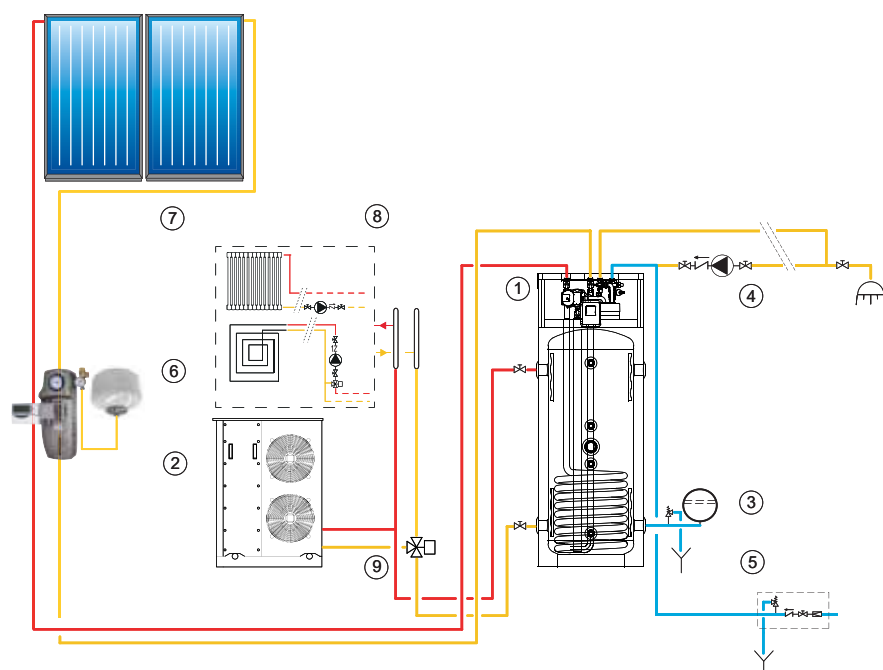
VT COLLECTORS - ON ROOF

Buffer tanks type:

## PUFFERMAS® 2 DOMUS

Calorifier model	Nr. of collectors m <sup>2</sup>	Total surface area m <sup>2</sup>	Nr. Recommended users	Description/ Art. Nr.	Description/ Art. Nr.	Description/ Art. Nr.
<b>200</b>	2x2,5	5	1-6	200PM2D 5MQ TF	200PM2D 5MQ TP	200PM2D 5MQ INCAS.
				3410316611470	3410316611480	3410316611490
<b>300</b>	3x2,5	7,5	6-9	300PM2D 7,5MQ TF	300PM2D 7,5MQ TP	300PM2D 7,5MQ INCAS.
				3410316611471	3410316611481	3410316611491
<b>300</b>	4x2,5	10	9-12	300PM2D 10MQ TF	300PM2D 10MQ TP	300PM2D 10MQ INCAS.
				3410316611472	3410316611482	3410316611492

For fixing kit and other components see accessories section.



### LEGEND

- |   |                                  |
|---|----------------------------------|
| 1 | Buffer tank PUFFERMAS® 2 DOMUS   |
| 2 | Heat source (heat pump)          |
| 3 | Expansion vessel                 |
| 4 | DHW circulation group pump       |
| 5 | Hydraulic safety group           |
| 6 | Complete solar circulation group |
| 7 | Solar collector/s                |
| 8 | Heating system                   |
| 9 | Diverting valve                  |

**NOTE:** The shown installation examples are for illustrative purposes only. For the correct configuration always refer to a qualified installer.