

# ECO-COMBI 2 DOMUS

MULTI-HEAT ENERGY BUFFER WITH 316L STAINLESS STEEL D.H.W. CORRUGATED PIPE  
AND 1 FIXED HEAT EXCHANGER



## APPLICATION

Heating hot water storage and D.H.W. production.

## MATERIAL

- BUFFER TANK: Mild steel construction with exterior paint. No anti-corrosion treatment required due to the buffer's closed circuit system.
- D.H.W. STORAGE: 316L stainless steel corrugated pipe, suitable for drinkable water according to D. M. n. 174 dated 06.04.04.

## HEAT EXCHANGER

1 fixed heat exchanger.

## TECHNICAL DESCRIPTION

Multi-Heat Energy tanks EcoCombi 2 Domus are used in units with a typically discontinuous energy source for double use: heating system and domestic hot water systems.

- Heating system with a biomass generator as energy source, combining the possibility to produce hot water for sanitary use. In such case, storage heating volume allows the generator to regularly work, limiting number of stops due to the inadequate energy request

of the heating systems. Moreover, it limits the emission of smoke and the creation of corrosive condensate (smokes side).

- Domestic hot water production systems for domestic and sanitary use where heating water is stored. In this system, the high potentiality of the Eco Combi allows to obtain a good production of hot sanitary water even if temperatures of the primary system are not so high (i.e. using heating pumps as primary source and solar source as support).

The particular shape of the corrugated pipe avoids any problem relating to the storage of sanitary hot water and ensures high heating exchange performances.

## INSULATION

High thermal insulation with ecological hard polyurethane foam. Grey PVC external lining

## WARRANTY

5 years - See general sales conditions and warranty

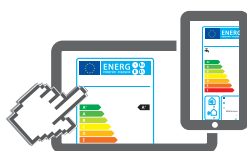
## ACCESSORIES AND SPARE PARTS

See Accessories section for the entire list.



## ECO-COMBI 2 DOMUS VB

Model	HARD FOAM insulation Art. Nr.	316L STAINLESS STEEL CORRUGATED PIPE FOR D.H.W. PRODUCTION		HEAT EXCHANGER		ENERGY EFFICIENCY CLASS ErP
		Volume [lt]	Surface [m <sup>2</sup> ]	Surface [m <sup>2</sup> ]	Surface [m <sup>2</sup> ]	
<b>200</b>	3270162282501	2,9	1,4	1		<b>B</b>
<b>300</b>	3270162282502	5,1	2,5	1,2		<b>C</b>



[www.cordivari.com/erp](http://www.cordivari.com/erp)

On line ErP label tool

Model	Max solar collectors surface	Max sanitary water produced from 10°C to 45°C with storage at 60°C	Max sanitary water produced from 10°C to 45°C with storage at 50°C
	[m <sup>2</sup> ]	[lt/min]	[lt/min]
<b>200</b>	5	11	8
<b>300</b>	7,5	23	16

## Accessories on request

### Monophase and threephase electrical immersion

Available kit:	
[Kw]	Tension [V]
da <b>1,5 a 3</b>	220 - MONOPHASE
See accessories	

### Thermometer

Art. Nr.
5032240000107
5 units box



### Buffer tanks connecting kit

Art. Nr.	Connection
5006170001001	1" 1/2
Stainless steel extensible connecting kit - (200 ÷ 400 mm)	

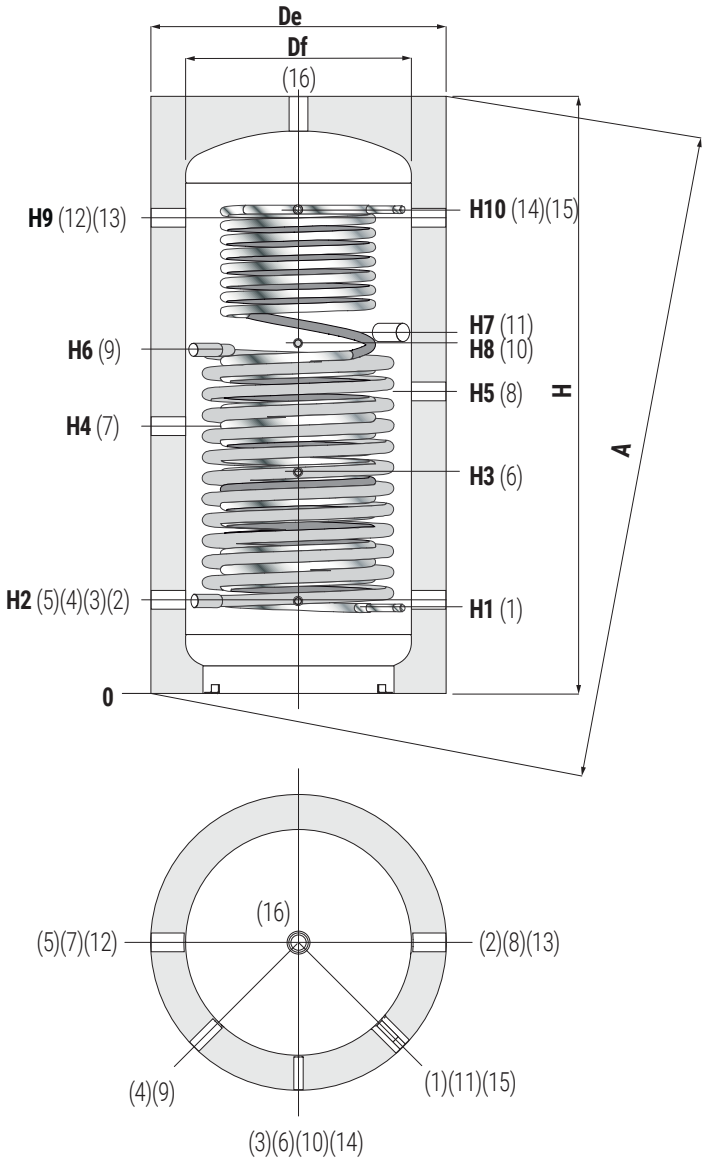
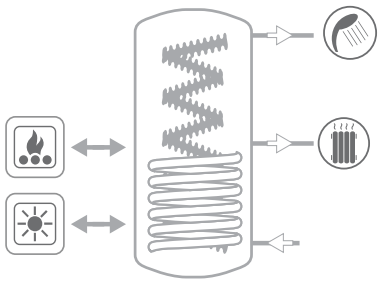


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STORAGE		CORRUGATED DHW STAINLESS STEEL PIPE	FIXED HEAT EXCHANGER
Pmax	Tmax	Pmax	Pmax   Tmax
3 bar	99 °C	6 bar	12 bar   110 °C

**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 Ecodesign ErP Directive.



- |    |  |
|----|--|
| 1  | Domestic cold water circuit inlet 1/2" Gas F |
| 2  | Heating return/To Generator 1"1/2 Gas F      |
| 3  | Connection for instrumentation 1/2" Gas F    |
| 4  | To solar thermal system 1" Gas F             |
| 5  | To Generator/Heating return 1"1/2 Gas F      |
| 6  | Connection for instrumentation 1/2" Gas F    |
| 7  | Heating return 1"1/2 Gas F                   |
| 8  | To additional generato 1"1/2 Gas F           |
| 9  | From solar thermal system 1" Gas F           |
| 10 | Connection for instrumentation 1/2" Gas F    |
| 11 | Electrical immersion 1"1/2 Gas F             |
| 12 | Heating return/Heating delivery1"1/2 Gas F   |
| 13 | From additional generator 1"1/2 Gas F        |
| 14 | Connection for instrumentation 1/2" Gas F    |
| 15 | Domestic hot water outlet 1/2" Gas F         |
| 16 | Heating delivery/From Generator 1"1/2 Gas F  |

Model	Volume [lt]	De	H	A	H1	H2	H3	H4	H5	H6	H7	H8	H9	H10
200	180	590	1309	1436	227	252	552	602	702	822	852	822	1052	1079
300	279	690	1357	1521	257	272	572	622	722	812	872	812	1072	1084

P.E.D. product designed and produced in conformity to the article 4.3 of directive 2014/68/UE - ErP Ecodesign directive 2009/125/CE

EXTRA-BOLLY®  
CALORIFIERS

BOLLYTERM®  
CALORIFIERS

STAINLESS STEEL  
CALORIFIERS

CALORIFIERS FOR  
HEAT PUMP

MULTIFUEL ENERGY  
CYLINDERS - PUFFER

HYDRONIC

INERTIAL  
TANKS

WATER PRESSURE  
TANKS

COMPRESSED AIR  
RECEIVERS

ACCESSORIES  
AND SPARE PARTS

TECHNICAL  
SUPPORT