

BOLLYTERM® HOME

WALL HANGING WATER HEATER WITH INTEGRATED HEAT PUMP



APPLICATION

Production and storage of domestic hot water (DHW).

MATERIAL

Mild steel Polywarm® coated (Attestation ACS - SSICA - DVGW - W270 - WRAS)

HEAT PUMP

The water inside the tank is warmed up by an integrated insulated compressor heat pump equipped with external condensing coil. A 1500 Watt electric resistance with "BOOST" option is already installed. Electronic central unit with graphic display allows controlling and planning.

INSULATION

High thermal insulation with ecological polyurethane hard foam.

EXTERNAL LINING

Painted metallic cover.

DRAIN

External confluence through drain connection.

WARRANTY

5 years (tank)

See general sales conditions and warranty for electrical parts.

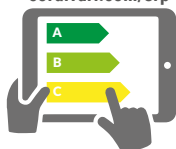
ACCESSORIES AND SPARE PARTS

See Accessories section for the entire list.

NEW



cordivari.com/erp



On line ErP label tool



Integrated insulated compressor heat pump

External to the storage, condenser coil avoiding any contact between coolant - D.H.W.

Electronic Central Unit (included):

- set point hot water
- self check
- anti-legionellosis treatment
- operating programs
- "BOOST" mode

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ENERGY EFFICIENCY CLASS



Model	HARD FOAM insulation		Energy Efficiency Class
	Art. Nr.		
80	3180162330050		A+
110	3180162330051		A+

TECHNICAL DATA						
Model	Net volume heated by heat pump [lt]	Room temperature output [°C]	C.O.P.	ErP Energy efficiency class (Reg EU 812/2013)	IGNITION TIME (heat pump)	IGNITION TIME (heat pump+electric immersion heater)
					[min]	[min]
80	80	-5/+43	2,83(*)	A+	255' (4h:10')(*)	104' (1 h: 44')(**)
110	102,5		2,60(*)	A+	377' (6h:17')(*)	142' (2 h: 22')(**)

(*) Data obtained under the following conditions: T air 20 °C - T water from 10 °C to 55 °C, according to EN 16147

(*) Data obtained under the following conditions: T air 20 °C - T water from 15 °C to 55 °C, according to EN 16147



HEAT PUMP TECHNICAL DATA								
Power supply [V / Ph / Hz]	Output [W]	Maximum absorption (heat pump+electric immersion heater) [W]	Max water temperature [°C]		Coolant [type]	Coolant Pressure [g]	Max ducts length [mm]	Acoustic level [dB]
			heat pump	heat pump+electric immersion heater				
220-240 / 1 / 50	1000	430 (+1500)	60	80	R134a	500	125	55 (*)

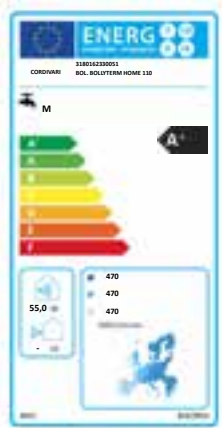
(*) test conformi a EN 12102:2013 - EN ISO 3741:2010



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STORAGE	
Pmax	Tmax
10 bar	90 °C

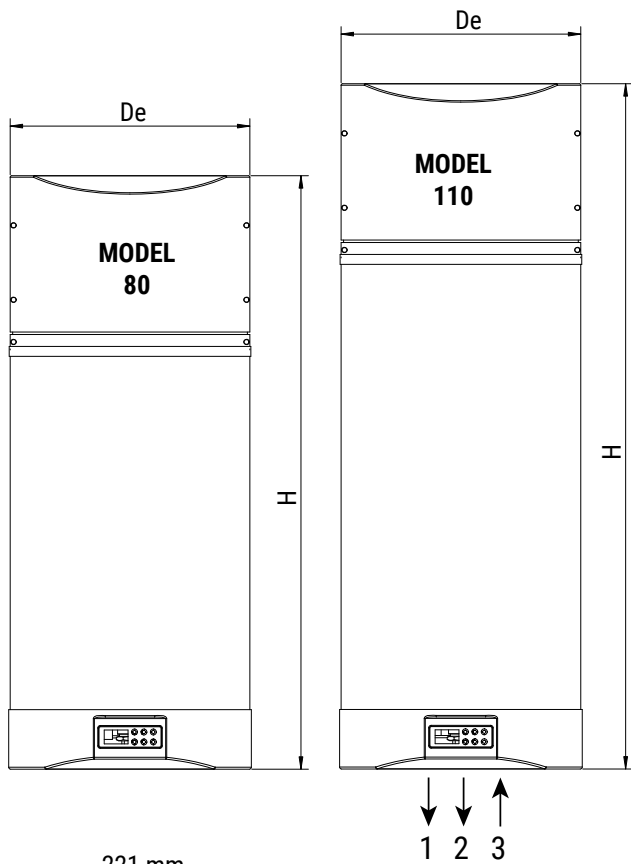
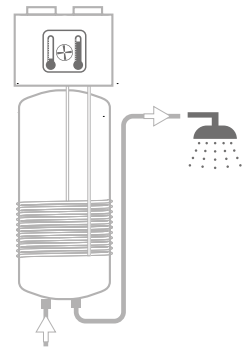


CORDIVARI® Lab

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.

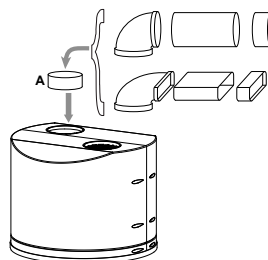
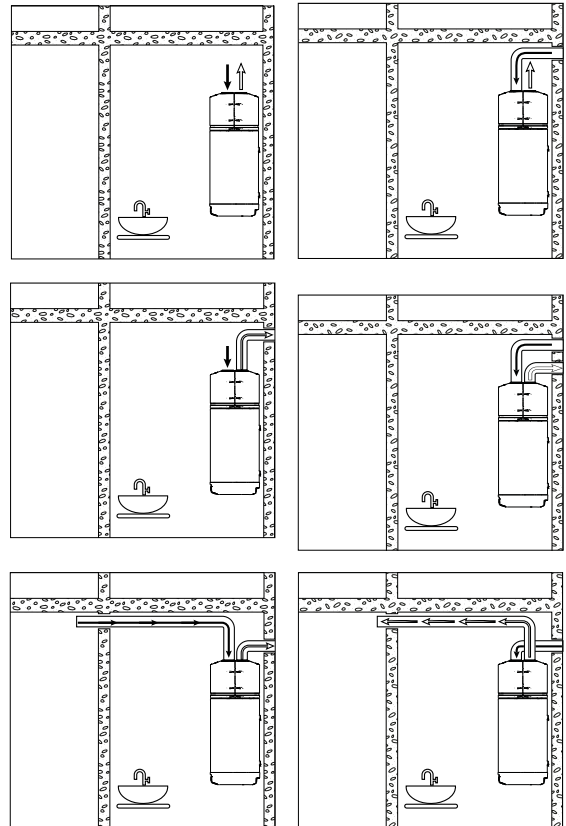


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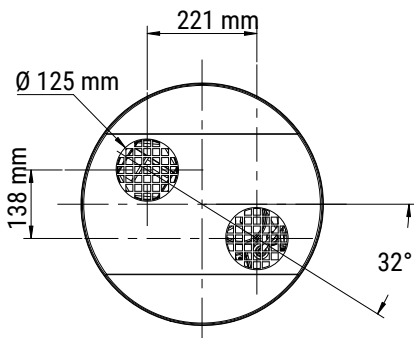


- | | |
|---|--|
| 1 | Domestic hot water circuit outlet 1/2" M |
| 2 | Drain/Condensate |
| 3 | Domestic cold water circuit inlet 1/2" M |

CANALIZATION EXAMPLES



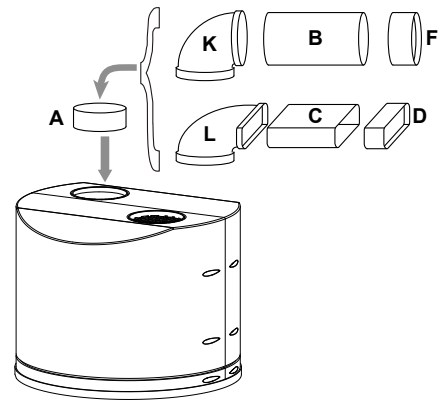
See ACCESSORIES section for complete elements range for canalization.




















Model	Volume	De	H
	[lt]		
80	80	483	1208
110	102,5	483	1392



PLASTIC ELEMENTS FOR CANALIZATION



Art. Nr.	Description
 A 5221000000085	Stub pipe of Ø 125 mm Length 75 mm
 B 5221000000086	Tube of Ø 125 Mm Length 1200 mm
 C 5221000000087	Rectangular tube of Ø 150x70 mm Length 1200 mm
 D 5221000000088	Rectangular plastic joint Ø 150x70 mm
 5221000000089	Horizontal joint from round pipe of Ø125 mm Rectangular Ø 150x70 mm
 F 5221000000090	Round joint Ø 125 mm
 5221000000091	Flexible tube Ø 125 mm Length 1000 mm
 5221000000092	Flexible rectangular tube Ø 150x70 mm Length 1000 mm
 5221000000093	Rectangular curve Ø 150x70 mm horizontal

Art. Nr.	Description
 5221000000094	Rectangular curve Ø 150x70 mm vertical
 K 5221000000095	Round elbow curve Ø125 mm
 L 5221000000096	Vertical curve from round Ø 125 mm to rectangular Ø 150x70 mm
 5221000000097	Pair of pipe clamps Ø 150 mm
 5221000000098	Pair of brackets for rectangular tubes Ø 150x70 mm
 5221000000099	Plastic grid with fixed fins for tubes of Ø 125 mm
 5221000000100	Roll of adhesive white tape for tubes, width 50 x length 10 mt
 5221000000101	Plastic pipe flange for tubes of Ø 125 mm



CANALIZATION EXAMPLES

