

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 - EN 16421 - WRAS).

HEAT PUMP

The water inside the tank is warmed up by an integrated 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 scheduling.

INSULATION

High thermal insulation with ecological polyurethane hard foam. Painted metallic external 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.



Integrated 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		ErP
	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 50 °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



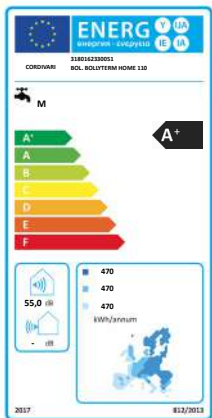
TECHNICAL DATA								
Power supply [V / Ph / Hz]	Output [W]	Maximum absorption (heat pump+electric immersion heater) [W]	Max water temperature [°C]		Coolant [type]	Coolant charge [g]	Max ducts length [mm]	Acoustic level [dB]
			heat pump	heat pump+electric immersion heater				
220-240 / 1 / 50	1000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

(*) Test in compliance with European standard EN 12102 – EN ISO 3741

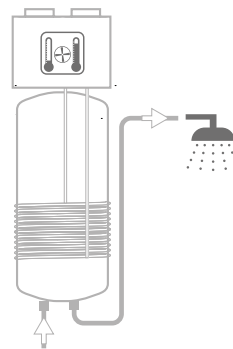
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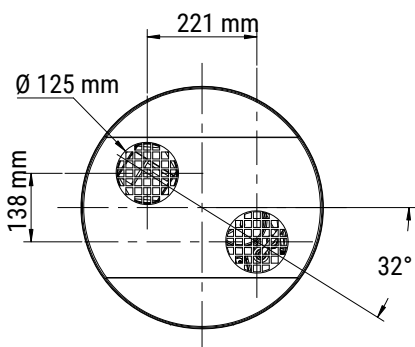
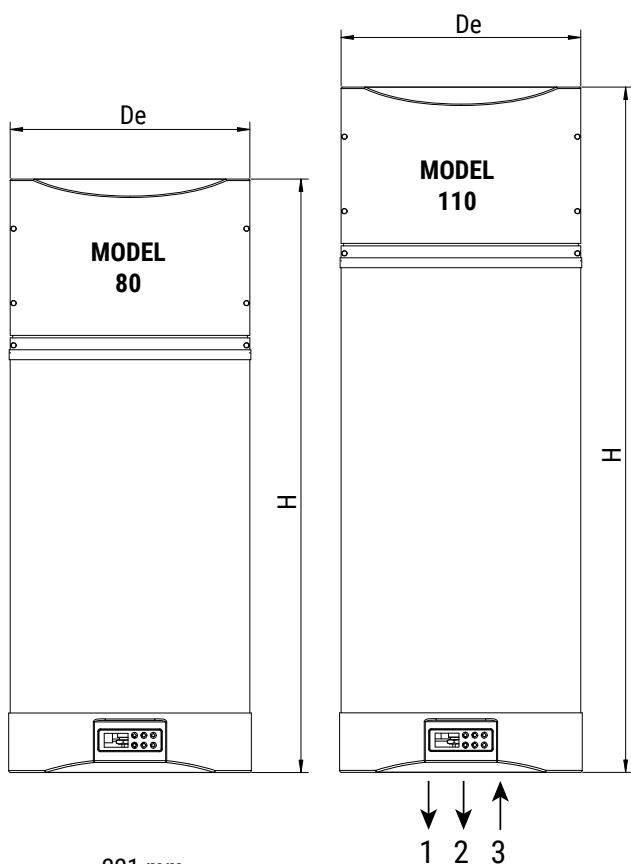
STORAGE	
P _{max}	T _{max}
10 bar	90 °C



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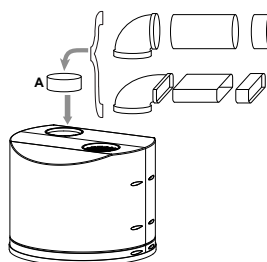
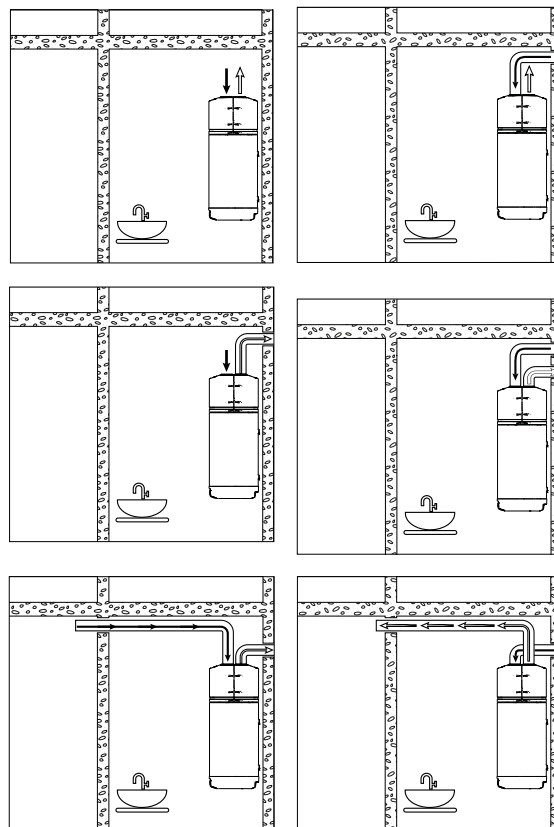


- | | |
|---|---|
| 1 | Domestic hot water circuit outlet
1/2" M |
| 2 | Drain/Condensate |
| 3 | Domestic cold water circuit inlet
1/2" M |



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

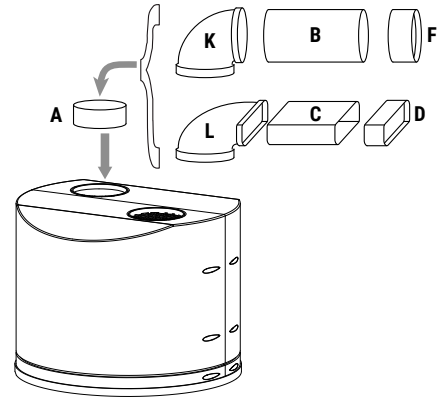
Canalization examples











See ACCESSORIES section or next pages for complete elements range for canalization.



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
 5221000000107	NEW Sound pressure reduction Ø 125 L 120 mm Acoustic silencer to reduce by 6dba the declared values (55 dBA). Tested according to UNI EN 12102-2 and UNI EN ISO 3741 standards.

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

