

BOLLYTERM® HP NET

POLYWARM® COATED 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. Models with WiFi available.

INSULATION

High thermal insulation with ecological polyurethane hard foam.

Painted metallic cover, upper cover and flange cover in ABS.

CATHODE PROTECTION

Magnesium anode.

Titanium anode (available only for WiFi models)

DRAIN

External confluence through drain connection.

GASKET- FLANGE PLATE

Silicone gaskets suitable for water intended for human consumption (tested according to 98/83/CE); Mild steel Polywarm® coated flange plate with electrical immersion resistance.

WARRANTY

5 years on tank. For electrical components see general sales conditions and warranty on Calorifiers and Thermal Storage Export Catalogue Pricelist 11.



NEW



BOLLYTERM® HP NET

ENERGY
EFFICIENCY
CLASS



- **Energy efficiency class A+**
- **Max temp. DHW (heat pump): 60 °C**
- **WiFi Controller**
- **Photovoltaic integration**
- **Smart management from mobile device by app HITEMP**
- **Exclusive design (patented)**
- **User friendly touch screen controller**

Model	HARD FOAM INSULATION	Art. Nr.	ENERGY EFFICIENCY CLASS
200		3180162330106	A+
300		3180162330107	A+
200 Wi-Fi		3180162330104	A+
300 Wi-Fi		3180162330105	A+

HEAT PUMP TECHNICAL DATA			
Model		BOLLYTERM® HP NET 200	BOLLYTERM® HP NET 300
Tank volume	lt	205	293
Lower heat exchanger surface	m²	-	-
Upper heat exchanger surface	m²	-	-
DHW connections		G 1" F	G 1" F
Maximum tank working pressure	MPa (bar)	1 (10)	1 (10)
Maximum tank working temperature	°C	90	90
PERFORMANCE DATA			
COP* (7 °C / 6 °C)		2,69	3,08
Energy efficiency class ErP (Reg. EU nr 812/2013)*		A+	A+
Seasonal efficiency / load profile*	%	115.9 / L	129.1 / XL
V40*	lt	195	342
Maximum heating temperature (only HP)	°C	60	60
Refrigerant		R134a	R134a
Refrigerant charge	kg	1,25	1,25
Equivalent CO ₂	t	1,79	1,79
Airflow temperature range	°C	-5/+43	-5/+43
Maximum fan head (@350 m³/h)	Pa	120	120
Air-ducts diameter	mm	≥150	≥150
Sound power level (EN 12102)	dB (A)	58	58
ELECTRIC DATA			
Electric supply	V / Hz	220-240V~ / 50Hz	220-240V~ / 50Hz
Rated electric power	W	550+1500	550+1500
Rated current	A	8,9	8,9
Auxiliary electric power	W	1500	1500
Electric shockproof		I	I
Ingress Protection rating		IPX1	IPX1

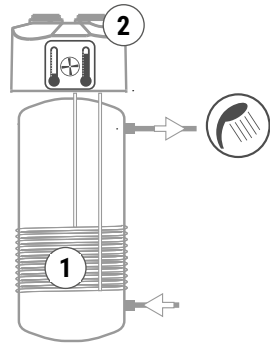
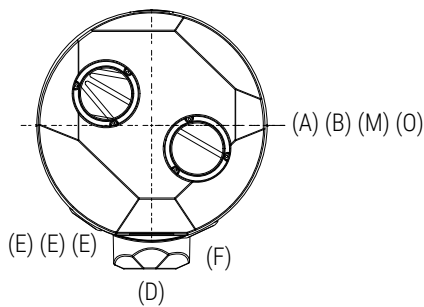
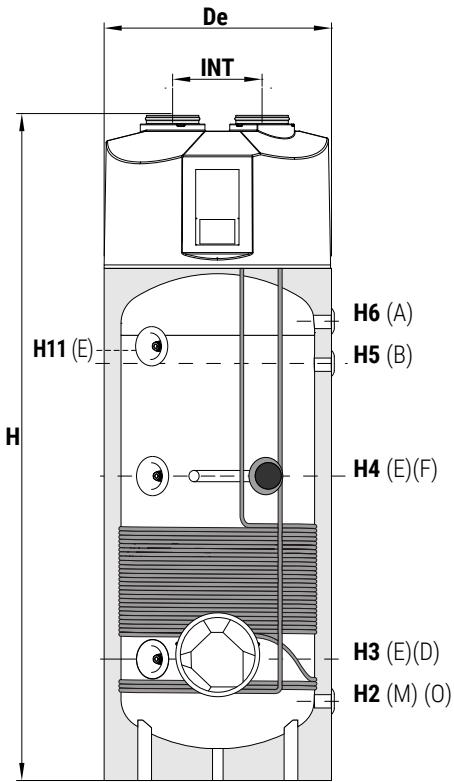
*Values obtained according to EN 16147 with external air temperature 7°C (87% relative humidity/6°C wet bulbe), DHW inlet temperature 10°C e DHW set point 55°C

Products designed and manufactured for using within temperature and pressure limits in accordance to Art. 4.3 Directive 2014/68/EU (P.E.D.)

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POLYWARM® COATED WATER HEATER WITH INTEGRATED HEAT PUMP

STORAGE	
Pmax	Tmax
10 bar	90 °C



- 1

External to the storage, condensator coil avoiding any contact between coolant - D.H.W.
- 2

Electronic central unit (included):
 - set point hot water
 - self check
 - anti-legionellosis treatment
 - operating programs
 - "BOOST" mode
 - Photovoltaic integration
 - WiFi controller

A	Domestic hot water outlet 1" F
B	Recirculation 1" F
D	Flange for inspection Ø 75 mm / Electric immersion heater
E	Connection for instrumentation 1/2" F
F	Connection for magnesium anode 1"1/4 F
M	Domestic cold water circuit inlet 1" F
O	Drain G 1" F

Model	Gross volume	De	INT	H	H2	H3	H4	H5	H6	H11
	[lt]									
200	205	640	256	1585	240	350	800	815	925	//
300	293	640	256	1960	240	350	860	1190	1300	1210

Net volume data according to EN 15332 available on product label