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CHANGE
THE WORLD
sip by sip

BWT
BEST WATER TECHNOLOGY



Ensures bathing
comfort, whisper
silent operation, and
an excellent yield.



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BWT INVERTER CONNECT HEAT PUMP



PRODUCT ADVANTAGES

The BWT Inverter Connect reversible heat pump automatically adjusts its power to provide the optimum yield while generating the least noise of any heat pump in this category!

- ▶ FULL INVERTER technology,
- ▶ 5 models: 6.8kW, 8.9 kW, 12.5 kW, 14.2 kW, 18.2 kW,
- ▶ Beautifully designed casing recalling BWT's logo & intuitive digital screen,
- ▶ COP improved by 20 to 30 %,
- ▶ 3 operating modes: Max, Eco and Silent,
- ▶ Compatible with the BWT Inverter smartphone app,
- ▶ 3 year guarantee, extended to 5 years if the heat pump is permanently connected to WiFi and registered on the dedicated app,
- ▶ Hydraulic unions, winter jacket, silent Blocks, condensate drainage, kit are included.

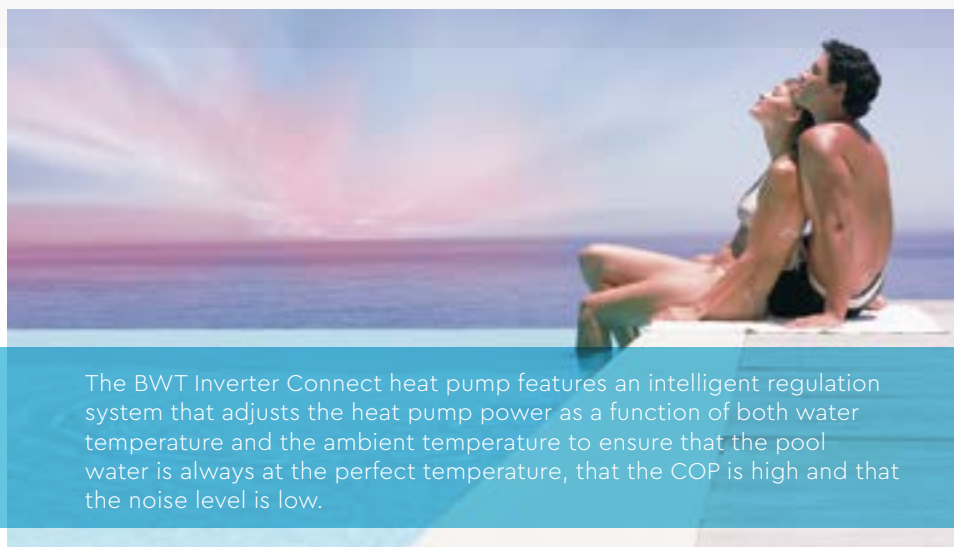


TECHNICAL DATA

		IC 68	IC 89	IC 125	IC 142	IC 182	
Recommended pool water volume (May to September, pool covered)		15~30 m³	30~45 m³	55~65 m³	65~80 m³	80~100 m³	
Performance data							
Power output Max mode (kW)	Air 28°C	6.8 kW	8.9 kW	12.5kW	14.2 kW	18.2 kW	
COP Max mode		7.0 ~ 5.4	6.8 ~ 5.8	6.6 ~ 5.6	6.6 ~ 5.6	6.6 ~ 5.6	
Power output Eco mode (kW)		Water 28°C	6.8 ~ 3.0 kW	8.9~ 3.2 kW	12.2~ 4.2 kW	13.9~ 5.8 kW	17.9~ 6.4 kW
COP Eco mode	80% RH		10.5 ~ 5.4	10.2 ~ 5.8	10.0 ~ 5.6	10.1 ~ 5.7	10.2 ~ 5.4
Power output Silent mode (kW)		5.2~ 3.0 kW	5.4 ~ 3.2 kW	8.0 ~ 4.2 kW	10.2 ~ 5.8 kW	13.4 ~ 4.2 kW	
COP Silent (kW)		10.5~ 7.9	10.2 ~ 7.9	10.0 ~ 8.1	10.0 ~ 8.1	10.0 ~ 8.1	
Power output Max mode (kW)		Air 15°C	5.5 kW	7 kW	9.5 kW	12 kW	14.5 kW
COP Max mode	5.6 ~ 4.5		4.8 ~ 4.3	4.9 ~ 4.5	5.0 ~ 4.4	4.9 ~ 4.5	
Power output Eco mode (kW)	Water 26°C		5.5 ~ 2.6 kW	6.5 ~ 3.0 kW	9.5 ~ 3.5 kW	11.2 ~ 4.4 kW	14.5 ~ 6.5 kW
COP Eco mode		70% RH	6.6 ~ 4.5	6.4 ~ 4.3	6.6 ~ 4.5	6.6 ~ 4.5	6.6 ~ 4.5
Power output Silent mode (kW)		3.5 ~ 2.6 kW	3.6 ~ 3.0 kW	5.8 ~ 3.5 kW	6.7 ~ 4.4 kW	8.6 ~ 6.5 kW	
COP Silent mode (kW)		6.6 ~ 5.4	6.4~ 5.3	6.6 ~ 5.4	6.5 ~ 5.3	6.4 ~ 5.2	
Lowest sound level, Silent mode (at 10m)		20 dB(a)	20 dB(a)	22 dB(a)	24 dB(a)	24 dB(a)	
Operating range		0°C -> 38°C					
Components							
Compressor		2D Full DC Inverter					
Expansions		Electronic					
Heat exchanger		Spiral Titanium					
Cabinet		Epoxy painted metal					
Refrigerant		R32					
Installation							
Nominal current (maximum)		4.3 A (7.3 A)	4.5 A (7.5 A)	5.0 A (8.5 A)	5.0 A (8.5 A)	5.0 A (8.5 A)	
Hydraulic unions		1.5"/ 50 mm					
Power supply		230V / 1~+N / 50 Hz					
Cable cross section and protection (for 20 m)		C 10 A (3G2.5 mm²)	C 10 A (3G2.5 mm²)	C 16 A (3G2.5 mm²)	C 20 A (3G4 mm²)	C 20 A (3G4 mm²)	
Max power consumed (Air 26°C)		1.0 kW	1.1 kW	1.7 kW	1.7 kW	1.7 kW	
Minimum water flow rate		4 m³/h		5 m³/h	5 m³/h	5 m³/h	
Water load loss		64 KPa	64 KPa	64 KPa	64 KPa	64 KPa	
Dimensions (L x W x H)		830*300*500	830*300*500	970×360×600	970 × 330 x705	970 × 330 x705	
Weight (net)		40 kg	43 kg	49 kg	54 kg	59 kg	



Silence



The BWT Inverter Connect heat pump features an intelligent regulation system that adjusts the heat pump power as a function of both water temperature and the ambient temperature to ensure that the pool water is always at the perfect temperature, that the COP is high and that the noise level is low.



PROCOPI S.A.S.

Les Landes d'Apigné – B.P. 45328
35653 LE RHEU Cedex – FRANCE

☎ +33 2 99 14 78 78

✉ rennes@procopi.com

procoshop.com

Dealer's stamp:

A large, empty rectangular box with a thin black border, intended for a dealer's stamp or signature.