BWT CHANGE THE WORLD sip by sip

BWT BEST WATER TECHNOLOGY

High tech, unobtrusive

PRESENTING THE BWT PEARL HPT HEAT PUMP

POWERFUL, SILENT - A REAL PLEASURE

with top exhaust

BWT Home

BWT Pearl HPT expels exhaust air upwards; despite the power of the pump, you ***feel no air flow***, warm or cold, from the sides of the machine. ***Very pleasant*** for you, whether swimming or lounging beside your pool, and good news for your neighbours. It is particularly suited for installation in small spaces around the pool.

BWT Pearl HPT is at the cutting edge of technology, with smartphone connectivity, an innovative design, a large touch screen control display, secured remote monitoring, remote troubleshooting and all weather defrosting system. Quick! Find out more!

TOUCH SCREEN

A large, high capacity TFT screen offers excellent legibility: L 72 x H 68 mm, diagonal 10.5 cm, IPS panel resolution: 480 × 480.

It is protected by a layer of heat resistant tempered glass for maximum durability. The protective, transparent lid protects the screen against bad weather, dust and scratching. The screen and the internal components are protected against damage.

CASING PROTECTION

A modern, innovative design : the casing is made of Aluminium, non-reactive and stable over time.

DEFROSTING BY CYCLE INVERSION

Allows the pump to continue running at very low temperatures (down to -10°C). Cycle inversion melts ice built up on the evaporator, a lot faster and more efficient than other defrosting systems (stopping the compressor).

USER FRIENDLY

A choice of 3 intuitive operating modes at a single touch. Alarm messages, diagnostics and troubleshooting, contact with a hotline. Access to an event log covering the last 50 days.

PRODUCT +

- Compatible with the **BWT Best Water Home app.**
- **Large TFT touch screen** for good legibility.
- Ideal for installation in **tight spaces** around the pool
- **Secured remote monitoring** for preventive maintenance and remote trouble-shooting.

		BWT Pearl HPT 12	BWT Pearl HPT 15	BWT Pearl HPT 18	BWT Pearl HPT 20
Recommended pool volume (m^3)		45–55 m^3	55–70m^3	70–85 m^3	85–105 m^3
Operating range (°C)		-10 ~ 38°c			
PERFORMANCE					
Heating power in Boost mode (kW)	Air 26°C Water 26°C	12.8 kW	15.3 kW	18.2 kW	20.1 kW
COP in Boost mode		6.2	6.3	6.2	6.1
Heating power in SMART mode (kW)		12.8 ~ 3.5 kW	15.3 ~ 3.9 kW	18.2 ~ 4.2 kW	20.1 ~ 5.5 kW
COP in SMART mode		10.8 ~ 6.2	10.8 ~ 6.3	11.2 ~ 6.2	10.8 ~ 6.1
Heating power in ECO-SILENCE mode (kW)		3.5 kW	3.9 kW	4.2 kW	5.5 kW
COP in ECO-Silence mode (kW)		10.8	10.8	11.2	10.8
Heating power in Boost mode (kW)	Air 15°C Water 26°C	9.1 kW	11 kW	12.7 kW	14.5 kW
COP in Boost mode		4.6	4.7	4.6	4.5
Heating power in SMART mode (kW)		9.1 ~ 3.9 kW	11.0 ~ 5.0 kW	12.7 ~ 7.1 kW	14.5 ~ 7.0 kW
COP in SMART mode		7.8 ~ 4.6	7.7 ~ 4.7	7.9 ~ 4.6	7.9 ~ 4.5
Heating power in ECO-SILENCE mode (kW)		3.9 kW	5.0 kW	7.1 kW	7.0 kW
COP in ECO-Silence mode (kW)		6.6	6.5	6.6	6.6
COMPONENTS					
Power supply		230 V / 1~+N / 50 Hz			
Maximum current consumed		7.9 A (14.0 A)	9.8 A (14.5 A)	11.5 A (17.0 A)	14.2 A (18.0 A)
Recommended water flow rate		4 m^3/h	5 m^3/h	5 m^3/h	6 m^3/h
Refrigerant gas		R32	R32	R32	R32
Inlet/ outlet diameter		1.5''/50 mm	1.5''/50 mm	1.5''/50 mm	1.5''/50 mm
Dimensions		704 × 802 mm			
Packaging dimensions		770 × 770 × 1000 mm			
Net weight		45 kg	47 kg	55 kg	57 kg
Gross weight		67 kg	68.5 kg	73.8 kg	74.4 kg
Acoustic pressure at 1m dB(A)		44 ~ 54 dB(a)	47 ~ 57 dB(a)	48 ~ 58 dB(a)	49 ~ 59 dB(a)
Acoustic pressure at 10m dB(A)		24 ~ 34 dB(a)	27 ~ 37 dB(a)	28 ~ 38 dB(a)	29 ~ 38 dB(a)
Protection rating		IPX4			

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BWT BEST WATER TECHNOLOGY | POOL PRODUCTS

Dealer's stamp:

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BWT POOL PRODUCTS (10/2022)