



DISPLAY

BLUEPLUS NEXUS

The **blueplus nexus** pool heat pump offers an ideal balance between performance, durability and design. Thanks to the high COP at 15°C, the heat pump operates with exceptional energy efficiency, while the sleek and robust metal housing is designed to withstand the elements and deliver long-lasting reliable performance. With multiple models available, there is always a suitable solution for every family pool.

HIGH SCOP PERFORMANCE

Experience exceptional efficiency with the **blueplus nexus**, with an impressive SCOP value of up to 8.49 for maximum energy savings throughout the year.

QUIET OPERATION

The **blueplus nexus** pool heat pump combines a modern design with a low noise level of just 46 dB at 1 metre distance. This ensures quiet and pleasant operation, keeping comfort and the swimming experience optimal without any disruptive noise.

QUALITY CONTROL SYSTEM

This premium heat pump is equipped with CE and RoHS certifications, confirming that the product meets the strictest quality and safety standards. You can choose with confidence a solution that has been extensively tested for safety, efficiency and environmental impact, and that stands for reliability and peace of mind with every use.



VERY HIGH
EFFICIENCY



R290 GAS



FULL INVERTER
TECHNOLOGY



CERTIFICATE



OPERATION FROM
-15°C TO 45°C



MODERN & FUNCTIONAL
DESIGN



WIFI INCLUDED



EXTREMELY QUIET



TYPE		10 KW 03127001	12 KW 03127002	16 KW 03127003	21 KW 03127004	21 KW (380V) 03127005	27 KW 03127006	27 KW (380V) 03127007
Pool volume		20 - 45 m ³	45 - 65 m ³	65 - 80 m ³	75 - 100 m ³	75 - 100 m ³	95 - 150 m ³	95 - 150 m ³
SCOP according to European Standard EN 17645		7,48	7,51	7,90	7,80	8,18	8,49	8,39
Air 26°C Water 26°C Humidity 80%	Capacity (kW)	1.95~9.44	2.48~11.88	3.80~15.40	4.28~21.08	4.31~21.76	6.48~26.74	6.51~27.49
	Power input (kW)	0.10~1.45	0.13~1.92	0.21~2.55	0.22~3.40	0.22~3.38	0.32~4.59	0.32~4.49
	COP	6.51~19.50	6.19~19.08	6.04~18.10	6.20~19.45	6.44~19.59	5.83~20.25	6.12~20.34
Air 15°C Water 26°C Humidity 70%	Capacity (kW)	1.55~7.08	2.11~9.06	2.98~11.70	3.95~16.51	3.80~16.63	5.32~21.18	5.31~21.44
	Power input (kW)	0.15~1.40	0.21~1.88	0.30~2.41	0.40~3.31	0.37~3.28	0.53~4.37	0.51~4.31
	COP	5.06~10.33	4.82~10.05	4.85~9.93	4.99~9.88	5.07~10.27	4.85~10.04	4.79~10.41
Air 35°C Water 28°C Humidity 40%	Capacity (kW)	3.31 ~5.39	3.39~5.78	4.03~ 7.49	6.12~10.53	6.19~10.91	9.69~14.68	9.35~15.78
	Power input (kW)	0.50~1.17	0.65~1.63	0.86~2.62	1.61~3.18	1.58~4.60	1.76~4.45	1.75~4.67
	COP	4.61 ~6.62	3.55~5.22	2.86~4.69	3.31~3.80	2.37~3.92	3.30~5.51	3.38~5.34
Function	Cooling & heating							
Technology	Full Inverter / WiFi included							
Heating temperature range	15~40°C							
Cooling temperature range	10~30°C							
Operating temperature range (ambient)	-15~45°C							
Power supply	220-240V~, 50Hz/60Hz					380-415V, 3N~, 50Hz/60Hz	220-240V, 50Hz/60Hz	380-415V, 3N~, 50Hz/60Hz
Maximum power input (kW)	2.07	2.56	3.50	4.60	4.86	6.50	6.86	
Maximum current (A)	9.50	11.70	16.00	21.00	7.80	29.00	11.00	
Sound pressure at 1m (dB(A))	46	48	50	52	52	56	56	
Water inlet pressure	0-0.7							
Refrigerant	R290							
Compressor type	Twin Rotary, DC-inverter							
Evaporator	Hydrophilic aluminium fins & copper pipes							
Heat exchanger	Titanium coil							
Recommended flow rate (m ³ /h)	3 m ³ / u	3.90 m ³ / u	5.10 m ³ / u	6.90 m ³ / u	6.90 m ³ / u	9.10 m ³ / u	9.10 m ³ / u	
Recommended pool volume (m ³)	15~35	25~55	30~60	45~80	45~80	60~100	60~100	
Fan	DC motor fan							
Connection	50 mm							
Net weight (kg)	56 kg	66 kg	81 kg	110 kg	110 kg	132 kg	132 kg	
Dimensions (LxWxH)	849x394 x655	849x394 x655	954x394x755	1036x394x955	1036x394x955	1288x479x955	1288x479x955	
Casing	Galvanised steel and stainless steel							