

# blueplus FULL INVERTER

Fully connected, ultra-quiet and energy-efficient



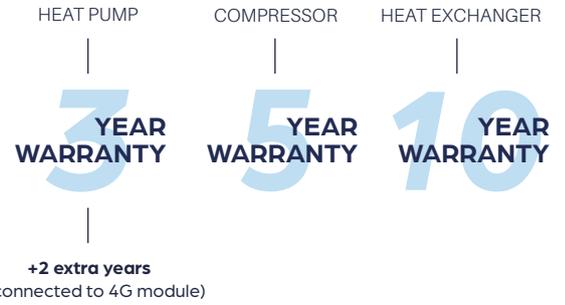
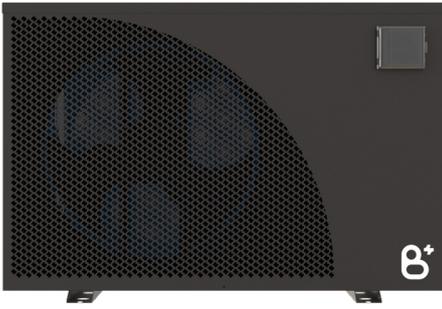
## PROPERTIES

- Unique design with anthracite / matte housing
- Manometer and winter drain fitted as standard
- Automatic and fast defrost cycle
- 3 functions: Boost, Smart and Silence
- Effective down to  $-7^{\circ}\text{C}$
- Very easy operation through simplified controller

## TECHNICAL PROPERTIES

- R32 gas for higher efficiency
- Very low noise level (about 20 dBA at 10 m)
- Full Inverter Technology (both for compressor and fan)
- Remote control via smartphone application (iOS or Android) with also possibility to check parameters remotely and adjust them if necessary
- 4G module included as standard
- COP > 11
- 2D full DC inverter compressor Mitsubishi / Toshiba
- Softstarter
- TFT full-colour touchscreen (movable)
- Available in the range until the end of 2026

VERY HIGH EFFICIENCY	ANTHRACITE / MATTE HOUSING	OPERATION MODE	COLD & HOT	PROTECTION AGAINST PESTS
GAS	CERTIFICATE	WIFI MODULE	EXTREMELY QUIET	CONNECTED



TEST CONDITIONS	MODUS	MODELS	B+ 7 kW 15 - 30 m³	B+ 9 kW 30 - 45 m³	B+ 11 kW 45 - 55 m³	B+ 14 kW 55 - 70 m³	B+ 17 kW 70 - 85 m³	B+ 21 kW 85 - 105 m³	B+ 28 kW 130 - 160 m³
<b>SCOP according to EN 17645</b>			7,5	7,5	8,9	8,3	7,3	7,0	7,0
Air 26°C Water 26°C Humidity 80%	BOOST	Capacity	6,8 kW	9,3 kW	10,6 kW	13,1 kW	16,1 kW	20,4 kW	27,8 kW
		COP	6,5 - 5,9	7,3	6,3	5,3	5,2	5,2	5,2
	SMART	Capacity	6,8 - 3,2 kW	9,3 - 3,5 kW	10,6 - 3,9 kW	13,1 - 4,2 kW	16,1 - 5,5 kW	20,4 - 6,5 kW	27,8 - 10,5 kW
		COP	5,9 - 10,8	5,5 - 10,8	7,33 - 10,8	6,3 - 11,2	5,3 - 10,8	5,2 - 10,1	5,2 - 10,1
	SILENCE	Capacity	3,2 kW	3,5 kW	3,9 kW	4,2 kW	5,5 kW	6,5 kW	10,5 kW
		COP	10,8	10,8	10,8	11,2	10,8	10,1	10,1
Air 15°C Water 26°C Humidity 70%	BOOST	Capacity	5,4 kW	6,6 kW	7,8 kW	9,8 kW	11,5 kW	14,8 kW	22,9 kW
		COP	4,8	5,2	5,6	4,7	4,4	4,5	4,2
	SMART	Capacity	5,4 - 2,6 kW	6,6 - 3,2 kW	7,8 - 3,5 kW	9,8 - 3,7 kW	11,5 - 4,2 kW	14,8 - 4,9 kW	22,9 - 8,1 kW
		COP	4,5 - 6,7	5,2 - 6,7	5,6 - 7,1	4,7 - 7,1	4,4 - 6,7	4,5 - 6,6	6,5 - 4,2
	SILENCE	Capacity	2,6 kW	3,2 kW	3,5 kW	3,7 kW	4,2 kW	4,9 kW	8,1 kW
		COP	6,7	6,7	7,1	7,1	6,7	6,6	6,5
Power	230V/1/50Hz			230V/1/50Hz of 380/3/50Hz					
Max power consumption (A)	1,6 kW	1,8 kW	2,0 kW	2,4 kW	3,4 kW	4,1 kW	6,0 kW		
Refrigerant gas	R32								
Compressor type	2D Full DC Inverter Mitsubishi / Toshiba								
Heat exchanger	Titanium Spiral								
Recommended flow rate (m³/h)	3 m³/h	3 m³/h	3 m³/h	4 m³/h	5 m³/h	6 m³/h	10 m³/h		
Sound pressure level at 1m (dB(a))	54 dB(a)	56 dB(a)	59 dB(a)	60 dB(a)	61 dB(a)	61 dB(a)	68 dB(a)		
Sound pressure level at 10m (dB(a))	21 dB(a)	21 dB(a)	23 dB(a)	23 dB(a)	25 dB(a)	25 dB(a)	26 dB(a)		
Fan	Variable Speed Fan								
Fuse & cable size <b>up to 20 m</b> from the main fuse	C 10A 3G2,5 mm²	C 10A 3G2,5 mm²	C 16A 3G2,5 mm²	C 16A 3G2,5 mm²	C 20A 3G4 mm² 3 x C 16A 5G2,5 mm²	C 20A 3G4 mm² 3 x C 16A 5G2,5 mm²	C 40A 3G10 mm² 3 x C 20A 5G2,5 mm²		
Connection	1,5" / 50 mm								
Weight (kg)	50 kg	54 kg	55 kg	56 kg	68 kg	78 kg	94 kg		
Dimensions (lxwxh)	967 x 358 x 593	967 x 358 x 593	968 x 358 x 593	967 x 358 x 593	1070 x 430 x 690	1070 x 430 x 690	1110x530x830		
Casing	Anthracite / matte housing - UV treated / Panels with sound insulation								

REF	TYPE
03031011	blueplus Full Inverter 7 kW 230 V
03031012	blueplus Full Inverter 9 kW 230 V
03031013	blueplus Full Inverter 11 kW 230 V
03031014	blueplus Full Inverter 14 kW 230 V
03031015	blueplus Full Inverter 17 kW 230 V
03031046	blueplus Full Inverter 17 kW 400 V
03031016	blueplus Full Inverter 21 kW 230 V
03031047	blueplus Full Inverter 21 kW 400 V
03031045	blueplus Full Inverter 28 kW 230 V
03031049	blueplus Full Inverter 28 kW 400 V



Heat pump cleaner



Movable display holder (10m)



Anti-vibration base 'big-foot'



Wall mount