



POLYTROPIC

· POOL HEATING SOLUTIONS ·



SPA INVERTER

SPA specific

A SPA AT 38°C EVEN WHEN IT IS FREEZING OUTSIDE!

When your comfort goes hand in hand with economy and ecology!



Certified noise levels
Independent testing laboratory




POLYCONNECT2.0
INSIDE



4G
optional

Features and benefits



SIMPLE AND INTUITIVE OPERATION

An intelligent electronic controller.



OPTIMAL PERFORMANCES

Optimal Twist : a spiral wound PVC/titanium condenser that is impervious to corrosion.



2D Technology : an INVERTER compressor with enhanced performance, very high COP thanks to its hertz-by-hertz speed variation.



DC Brushless : a fan with variable speed down to the rpm to ensure optimum performance.



INTELLIGENT OPERATING MODE

PolySmart Control : The heat pump regulates its own power to adapt to the needs of your pool, depending on the water temperature and the ambient temperature.



LOW NOISE LEVELS

Standard sound insulation and variable compressor and fan speeds ensure extremely low noise levels.



CONNECTED SOLUTION

PolyConnect inside : wifi module included for remote control via smartphone and permanent supervision by the TechniCenter. **4G optional**



EXCLUSIVE «LOW TEMPERATURE» SYSTEM

- Defrosting by cycle inversion,
- Compressor crankcase preheating,
- Condensate anti-freeze system,
- Automatic control of the "low temperature" system.



ENERGY EFFICIENCY

- Full-Inverter technology
- Low-impact R32 refrigerant
- Improved COP.

ACCESSORIES INCLUDED: winter cover, hydraulic connections, Silentblocks, condensate drainage kit.

Technical specification

MODEL	SPA INVERTER
Air 28°C / Water 38°C / Humidity 80%	
Energy output	7,4 kW
COP	4,2
Air 15°C / Water 38°C / Humidity 70%	
Energy output	5,3 kW
COP BOOST Mode	3,3
Air -3°C / Water 38°C / Humidity 0%	
Energy output BOOST mode	3,4 kW
COP BOOST Mode	3,2
Air -15°C / Water 38°C / Humidity 0%	
Energy output BOOST mode	2,3 kW
COP BOOST Mode	1,7
Noise level CTTM min-max (at 10m) according to EN ISO 3741 : 2010 *	20 ~ 28 dB(A)
Noise level min-max (at 10 m) in accordance with EN ISO 3744 : 2010	20 ~ 26 dB(A)
Temperature working range	-10°C -> 43°C
Installation	
Hydraulic connection	1,5" / 50 mm
Power	230V / 1~+N / 50 Hz
Rated current (maximum)	6,2 A (8,5 A)
Breaker and cable size for 20 m with D curve	C 10 A (3G 2,5 mm²)
Maximum power input	2 kW
Minimal water flow	4 m³/h
Dimensions in mm (L x l x h)	958 x 380 x 569
Weight (net)	40 kg (48 kg)

*Certified by the independent laboratory Centre de Transfert de Technologie du Mans, in accordance with EN ISO 3741 : 2010


POLYCONNECT 2.0
INSIDE



CONNECTED SOLUTION

Easily connect the heat pump by scanning the QR code, check the status via the free app and benefit from secure remote supervision for preventive maintenance and remote diagnosis by Polytropic technicians.



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