POLYTROPIC

Spa 290

The all-season spa heat pump



Remote control. Secure monitoring.

4G

FULL INVERTER

POLYSOLAR MODE



Spa 290

-15°C

WARRANTY 3 YEARS POLYTROPIC

Suitable for **all types of above-ground spas, including swim spas**, **SPA 290** maintains water at 38°C even in sub-zero temperatures, all year round, while reducing energy costs. **Uncompromising performance, whatever the season.**



OPTIMISED PERFORMANCE
Full Inverter technology
- 2D Technology: INVERTER compressor with hertz-by-hertz variable speed control
- DC Brushless: variable-speed fan for optimum performance
- Optimal Twist: corrosion-resistant spiral PVC/titanium heat exchanger

INTELLIGENT OPERATION
PolySmart Control
The heat pump automatically adjusts its output to meet your pool's needs according to the water and ambient temperatures

SIMPLE AND INTUITIVE CONTROLS
Stylish LCD touchscreen
Operating modes: Heating, Cooling or Auto (maintains the set temperature)

ALL-WEATHER PERFORMANCE
- Reverse-cycle defrosting
- Compressor crankcase preheating
- Condensate anti-freeze system
- Automatic control of the low-temperature system

CONNECTED SOLUTION
PolyConnect inside
Built-in Wi-Fi module and 4G dongle for remote control via smartphone and continuous monitoring by the TechniCenter

VERY LOW NOISE LEVELS
Standard sound insulation, combined with variable-speed compressor and fan operation, ensures very low noise levels

FINISH
Metal casing, galvanised steel with epoxy paint finish

SPA 290 | Technical specifications

MODEL	SPA 290
Air 26°C / Water 38°C / Humidity 80%	
Energy Output BOOST mode	8,2 kW
Energy Output SMART mode	8,2 ~ 3,0 kW
COP SMART mode	8,9 ~ 4,0
Air 15°C / Water 38°C / Humidity 70%	
Energy Output BOOST mode	6,2 kW
Energy Output SMART mode	6,2 ~ 2,0 kW
COP SMART mode	7,3 ~ 3,3
Air -3°C / Water 38°C / Humidity 0%	
Energy Output BOOST mode	4,2 kW
COP BOOST mode	2,6
Air -10°C / Water 38°C / Humidity 0%	
Energy Output BOOST mode	3,4 kW
COP BOOST mode	2,2
Noise level min-max (at 10m) acc. to EN ISO 3741:2010	21 ~ 30 dB(A)
Noise level min-max (at 10m) acc. to EN ISO 3744:2010	18 ~ 27 dB(A)
Temperature working range	-15 °C → +43 °C

INSTALLATION

Hydraulic connections	1.5" / 50 mm
Power	230 V / 1~+N / 50 Hz
Circuit breaker and cable size (for 20 m)	C 10 A (3G 2.5 mm²)
Power Input Max	2.2 kW
Minimum water flow	2.5 m³/h
Dimensions in mm (L x W x H)	924 × 452 × 677
Weight net (gross)	59 kg (74 kg)

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