



POLYTROPIC

• POOL HEATING SOLUTIONS •

-10°C

STEPIO

The discreet, high-performance heat pump for SPAs










The STEPIO heat pump is cleverly integrated into a step* to provide a discreet, elegant solution while maintaining the spa water at an ideal temperature of 38°C. Suitable for all types of above-ground spa, up to a water volume of 8 m³, it ensures optimal operation all year round, while keeping energy bills low.



* optional



Equipment 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: hydraulic connections, Silentblocks, condensate drain kit.



NEW !

INTELLIGENT MANAGEMENT

the heat pump is fitted with two integrated relays to control the filtration pump in 'heating priority' mode and activate the heater as back-up if necessary. When **the outside temperature drops below -10°C, the heat pump goes into protection mode and activates the heater** to ensure that the spa water temperature is maintained at an optimum level.

Technical specifications

MODEL	STEPIO
Air 26°C / Water 38°C / Humidity 80%	
Energy Output	6,5 kW
COP	4,6
Air 15°C / Water 38°C / Humidity 70%**	
Energy Output	4,4 kW
COP BOOST Mode	3,4
Air 15°C / Water 26°C / Humidity 70%	
Energy Output BOOST mode	5,2 kW
COP BOOST Mode	4,6
Noise level CTTM max (at 10m) according to EN ISO 3741 : 2010 **	33 dB(A)
Maximum noise level (at 10m) according to EN ISO 3744 : 2010	29 dB(A)
Temperature working range	-10°C -> +43°C
Installation	
Hydraulic connexions	1,5" / 50 mm
Power	220-240 V / 1~+N / 50 Hz
Circuit breaker and cable size (for 20 m)	C 10 A (3G 2,5 mm ²)
Power Input Max (air 28°C)	1,4 kW
Minmum water flow	3 m ³ /h
Dimensions in mm (L x l x h)	774 x 398 x 489
Weight net (gross)	37 kg (47 kg)

* Tests carried out at an air temperature of 15°C, with a water inlet at 26°C and a water outlet at 28°C to define the water flow rate, heating capacity and consumption, in accordance with FPP recommendations.

** Noise levels in BOOST and ECO modes at 10 m, certified by the independent laboratory Centre de Transfert de Technologie in Le Mans, in accordance with EN ISO 3741: 2010.



POLYCONNECT_{2.0}



CONNECTED SOLUTION

Easily connect the heat pump by scanning the QR code, **control it** via the free app and **benefit from secure remote supervision** for preventive maintenance and remote diagnosis by Polytrropic technicians.

