



POLYTROPIC

• POOL HEATING SOLUTIONS •

-10°C

STPIO

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



POLYCONNECT₂₀

• INSIDE •



Equipment benefits



SIMPLE AND INIUIITIVE OPERATION

An intelligent electronic controller.



INTEGRATED RELAY

To control the filtration pump in 'heating priority' mode.



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.



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 !

OPTIONAL BOX

It enables direct communication between the spa and the heat pump. When the spa needs heating, the relay activates the heat pump. Once the set temperature is reached, the spa cuts off the power supply to the heat pump. Without this control box, the heat pump operates independently.

Technical specifications

MODEL	STEOIO
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 Polytropic technicians.

