



POLYTROPIC
· POOL HEATING SOLUTIONS ·



STEPIO

The discreet SPA heat pump

DISCREETLY INTEGRATED IN A STAIRCASE*, STEPIO HEAT PUMP GUARANTEES A SPA HEATED AT 38°C

When comfort goes hand in hand with energy savings...



*Optional


POLYCONNECT 2.0
INSIDE



Features and benefits



SIMPLE AND INIUITIVE 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.

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 0%	
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	230 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 26°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 in order to define the water flow rate, heating capacity and consumption, in accordance with FPP recommendations.

** Noise levels in BOOST mode at 10 m, certified by the independent laboratory Centre de Transfert de Technologie du Mans, in accordance with EN ISO 3741 : 2010


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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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