



POLYTROPIC

• POOL HEATING SOLUTIONS •



MINI STEPIO

Compact and efficient, ideal for small SPAs from April to October

The MINI STEPIO heat pump is designed to heat spas of up to 2 m³ efficiently, offering an economical alternative to traditional electric heaters. Compact and discreet, it's perfect for the temperate seasons, from March to October, or as a complement to a heater for extended use.



Equipment benefits

-  **SIMPLE AND INIUITIVE OPERATION**
An intelligent electronic controller.
-  **QUALITY OF COMPONENTS**
An evaporator with 'blue fins' treatment for improved corrosion resistance and good condensation drainage (hydrophobic).
-  A Toshiba rotary compressor running on R32 refrigerant gas.
-  Corrosion-resistant PVC/titanium spiral condenser.
-  Defrosting by cycle inversion, better performance at the beginning and end of the season.
-  **RAPIDITY**
Rapid temperature rise.
The ideal bathing temperature is reached in a few hours, depending on the volume of water and how the cover is used.

A compact solution with minimal space requirements and a harmonious design, it is designed to be placed under a step.



ACCESSORIES INCLUDED : hydraulic connections, Silentblocks, condensate drain kit.



NEW !

INTELLIGENT MANAGEMENT

The heat pump has two built-in 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 -0°C, the heat pump stops working and activates the heater** to ensure that the spa water temperature is maintained.

Technical specifications

MODEL	Mini STEPIO
Air 26°C / Water 38°C / Humidity 80%	
Energy Output	4,6 kW
COP	3,0
Air 15°C / Water 38°C / Humidity 70%*	
Energy Output	3,5 kW
COP BOOST Mode	2,5
Air 15°C / Water 26°C / Humidity 70%	
Energy Output BOOST mode	4,1 kW
COP BOOST Mode	3,3
Noise level CTTM max (at 10m) according to EN ISO 3741 : 2010 **	38 dB(A)
Maximum noise level (at 10m) according to EN ISO 3744 : 2010	35 dB(A)
Temperature working range	0°C -> +43°C
Installation	
Hydraulic connexions	Grooved end 32/38 mm - 32/50 mm (Optional)
Power	220-240 V / 1~+N / 50 Hz
Circuit breaker and cable size (for 20 m)	D 10 A (3G 2,5 mm²)
Power Input Max (air 26°C)	2,0 kW
Minmum water flow	2,0 m³/h
Dimensions in mm (L x l x h)	378 x 479 x 427
Weight net (gross)	26,2 kg (27,2 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.