



# URBAN

Designed for small swimming pools

Developed to rapidly heat small inground or above ground pools, URBAN is a compact, easy to install swimming pool heat pump.

This robust and portable heat pump benefits from the POLYTROPIC expertise in energetic efficiency and reduced noise levels:

- The capacity of the heat pumps perfectly match the pool sizes
- Easy installation (quick connection), intuitive use and rapid heating of the water, adjustable foot pads
- Compact and esthetic design for a perfect integration in the garden and carrying handles for easy storage at the end of the season



## Features and benefits



### EASY AND INTUITIVE OPERATION

An intelligent electronic display



### OPTIMAL PERFORMANCES

- « Blue Fins » coating on the evaporator for a better resistance to corrosion and better evacuation of the condensation (hydrophobic).



- Toshiba rotating compressor operating with R32 refrigerant gas



- Titanium spiraled tubular heat exchanger in a PVC housing



Reverse-cycle defrosting



### EASY INSTALLATION

Equipped with an electric plug and a circuit breaker for a simple connection of the heat pump directly to a power socket. No need for



### SPEEDY HEATING

Rapid increase of water temperature. The perfect water temperature will be reached in just a couple of hours depending on the volume of water to heat, type of pool and the use of a pool cover.

# Technical specifications

MODEL	URBAN 20	URBAN 30
SCOP acc. to EN 17645	4,4	4,5
Classification acc. to.EN 17645	C	C
Recommended pool size*	10-20 m³	20-30 m³
Air 26°C / Water 26°C / Humdity 80%		
Energy Output	4,3 kW	5,2 kW
COP	5,2	5,3
Air 15°C / Water 26°C / Humidity 70%**		
Energy Output	3,1 kW	4,0 kW
COP	4,4	4,3
Air 7°C / Water 26°C / Humdity 90%		
Energy Output	2,4 kW	2,7 kW
COP	2,5	2,9
Noise level CTTM mini-maxi (at 10m) according to EN ISO 3741 : 2010 **	35 dB(a)	38 dB(a)
Noise level min-max (at 10m) acc. to EN ISO 3744 : 2010	34 dB(a)	35 dB(a)
Temperature working range	0°C -> 38°C	
Installation		
Hydraulic connections	barbed fittings 32/38 mm	
Power	230 V / 1~+N / 50 Hz	
Circuit breaker and cable size (for 20m)	C 10 A (3G 2,5 mm²)	C 10 A (3G 2,5 mm²)
Power Input Max (air 28°C)	0,8 kW	1,0 kW
Minimum water flow	2 m³/h	2 m³/h
Dimensions in mm (L x l x h)	430×290×375	450×307×395
Weight (net)	23,8 kg (24,8 kg)	26,2 kg (27,2 kg)

\* May to September with cover.

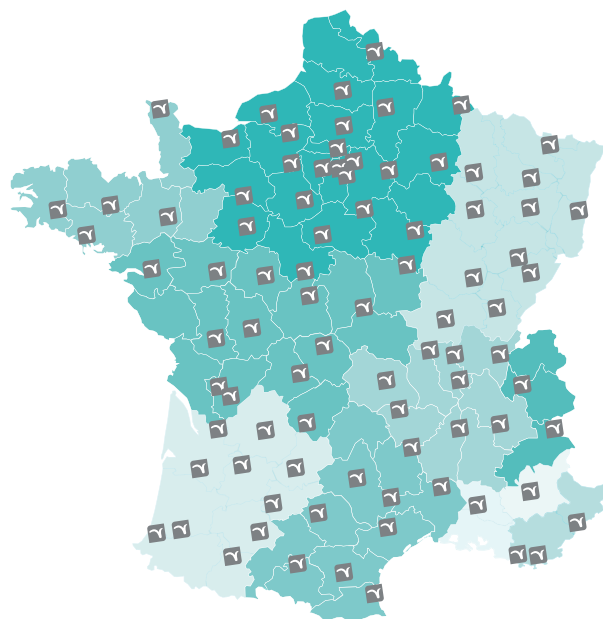
\*\* Tests run with air temperature of 15°C, water inlet temperature of 26°C and water outlet temperature of 28°C in order to define the required water flow, heating capacity and consumption. In accordance with FPP recommendations (French Pool Federation).

\*\*\*The BOOST and ECO mode noise levels at 10 m are certified by the independent testing laboratory of Centre de Transfert de Technologie du Mans (CTTM) according to EN ISO 3741 : 2010.

## A simple and efficient After Sales service

### FOR ALL PROFESSIONALS AND INDIVIDUALS

- Technical support for installers: selection, installation and start-up
- **After-sales diagnosis** directly with the customer. Initiates and performs all necessary procedures without the need for written confirmation.
- All calls taken into account: technical questions, uses...
- A selection of over **80 local technical stations** trained on its products
- **Fast interventions** in the shortest possible time
- A network also developed in Spain, Germany, Benelux, England and Switzerland.



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POLYTROPIC SAS au capital de 100 000 euros

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