POLYTROPIC

Urban 290

The heat pump for small pools, designed to make a big difference

WI-FI CONNECTIVITY

WINTER COVER

REVERSIBLE





SCOP 7

Urban 290

-3°C

WARRANTY *3 YEARS* POLYTROPIC

Designed for small urban pools from 10 m³, **URBAN 290** heats up quickly while remaining discreet, even in **the most compact gardens.**



COMPONENTS

- Evaporator: with "blue fins" for improved corrosion resistance and efficient condensation drainage (hydrophobic).
- Compressor: Toshiba rotary compressor using R290 refrigerant.
- Condenser: corrosion-resistant spiral PVC/titanium condenser.

SIMPLE, INTUITIVE CONTROLS

Intuitive, responsive touchscreen for easy, immediate control of the heat pump.
Operating modes: heating, cooling or Auto (maintains the set temperature)

FAST HEATING

Thanks to simple, intuitive settings, the ideal swimming temperature is reached in just a few hours, depending on the water volume, cover type and usage.

URBAN 290 | Technical specifications

MODEL	Urban 290
SCOP acc. to EN 17645	7,0
Classification acc. to EN 17645	A
Recommended pool size*	10-25 m³
Air 26°C / Water 26°C / 80% Humidity	
Energy Output BOOST mode	6,4 kW
Energy Output SMART mode	6,4 ~ 2,5 kW
COP SMART mode	9,4 ~ 5,4
Air 15°C / Water 26°C / 70% Humidity	
Energy Output BOOST mode	**4,9 kW**
Energy Output SMART mode	**4,9 ~ 1,9 kW**
COP SMART mode	**5,8 ~ 4,2**
Air 7°C / Water 26°C / 90% Humidity	
Energy Output BOOST mode	3,8 kW
Energy Output SMART mode	3,8 ~ 1,2 kW
COP SMART mode	5,3 ~ 3,5
Noise level min-max (at 10m) acc. to EN ISO 3741:2010	**25 ~ 31 dB(A)**
Noise level min-max (at 10m) acc. to EN ISO 3744:2010	**24 ~ 27 dB(A)**
Temperature working range	-3 °C → +43 °C

INSTALLATION

Hydraulic connections	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 mm²)
Power Input Max	1,1 kW
Minimum water flow	2,1 m³/h
Dimensions in mm (L x W x H)	800 × 315 × 560
Weight net (gross)	29,5kg (40kg)

* May to September with cover.

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