

MEGAWATER

THE INNOVATION REINVENTS WATER

THE AUTONOMOUS WATER GENERATOR

MegaWater is a water generator that produces up to 220L of clean water per day from air humidity, starting at 15°C and 20% humidity.

Its durable ceramic filter minimizes maintenance costs. Independent of water networks, it's ideal for pools in areas with water shortages and compatible with photovoltaic systems for sustainable energy autonomy.



	220
Daily water production	220 L
Max. power	5.55 kW



WARRANTY
5 years



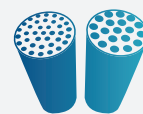
High-performance
exchanger



Eco-friendly
aluminum alloy
casing



Remote
control



Ceramic
filter



Self-cleaning
filter function

Megawater		220
Power Supply		380V/3N/50Hz
Cooling	Capacity	22 kW
	Compressor Power	3.2 kW
	Fan Power	0.5 kW
Daily Water Production (26°C, 60% RH)		220 L
Nominal Unit Power		3.7 kW
Maximum Power		5.55 kW
Maximum Current		10.5 A
Energy Efficiency	Airflow	5000 m ³ /h
	EER	5.95 kW/h/W
Evaporator	Fin Type	Copper fins
	Distance Between Fins	1.8 mm
	Pipe Diameter	7.94 mm
Compressor	Type	Scroll type
	Quantity	1
	Brand	Bsonyo
Condenser	Fin Type	Copper fins
	Distance Between Fins	1.8 mm
	Pipe Diameter	7.94 mm
Refrigerant	Material Name	R32
	Filling Volume	2.5 kg/s
	Limitation Method	TXV
Noise		69 dB(A)
Standard Water Filtration System		Nylon cove mesh/G3 filter
Dimensions (LxWxH)		1100x1150x1624 mm
Water Tank Volume <L		110
Unit Weight		520 kg

A revolution serving environmental challenges

In response to the growing challenges of water shortages and sustainable resource management, Poolstar offers an innovative solution: an autonomous water generator.

Designed to meet the needs of residences, communities, and pools in sensitive areas, this unique concept allows for water production from the humidity in the air, without the need for complex infrastructure.

Simple, efficient, and sustainable, it provides a concrete solution to a fundamental problem in our industry. To further optimize resources, the generator can be connected to solar panels, providing a 100% autonomous solution that is both eco-friendly and cost-effective.

CERAMIC FILTER

The filter core is made from a carborundum ceramic membrane, a highly advanced material produced through high-temperature sintering. Known for its exceptional durability, it offers superior stability and an impressively long lifespan, making it ideal for efficient, long-term water filtration.

SCHEMA

