

GEN-M1



Provides up to 220 liters of fresh, clean drinking Water From Air daily

Watergen's GEN-M1 is a medium-scale mobile Atmospheric Water Generator. It is the ideal solution for schools, universities, construction sites, clinics, public pools, off-grid housing, temporary localities and private residential homes seeking a new, off-the-grid drinking water source.

GEN-M1 doesn't require any infrastructure besides an electrical socket and works absolutely independently from existing piping. Using Watergen's patented GENius technology, the GEN-M1 enables the creation of up to 220 liters of fresh, safe and tasty drinking water from the air around us every day.

The device uses innovative water purification technology for sediment filtration, mineralization, activated carbon and microbiological treatment.

GEN-M1 is one of the most energy - efficient AWGs on the market, enabling more water production with less electricity consumption. GEN-M1 produces drinking water in a wide range of climate conditions: from 15°C and 20% humidity.

With no internal tank, the GEN-M1 can be equipped with a complementing system- an external water storage tank with an attached smart quality system, including a controller and malfunction alert system. The complementing system keeps the water fresh all day by circulating it around the reservoir, ensures a bigger storage capacity for the device and access to more high-quality drinking water.

GEN-M1 Advantages



Fresh and safe

Produces up to 220 liters of drinking water per day



Environmentally friendly

Reduces plastic waste, logistics, transportation and storage



Unique and innovative

Patented heat- exchange technology



Standards compliance

Complies with international drinking water safety standards



Water production

starts from 15°C and 20% humidity



Fully mobile

Fitted with wheels for full mobility, no plumbing needed



Plug & drink

Needs only connection to single phase electrical socket



Complementary system (optional)

External drinking water storage and high quality treatment system

Specifications

Water generation capacity	Up to 220 liters / 58 gallons per day
Water temperature	Ambient water
Water purification	Multi step filtration cascade down to 0.2 micron of water certified filters set, followed by a germicidal UV lamp. Vital minerals balance the water pH to achieve high purification and tasty drinking water.
Working environment	≥15°C. Relative Humidity: ≥20%
Nominal Operation Voltage	2.2 kW/h (min) up to 3.5 kW/h (max)
Power consumption	EU: 230/400 Vac, 50 Hz US: 120/208 Vac, 60 Hz
Dimensions (L x W x H)	1590mm x 840mm x 1300mm
Weight	350 kg
Air filtration	Sub-micron barrier filter that eliminates <2.5 particulate matter
Circuit breaker current	EU: 1 Phase, 250 Vac, 16/20A, slow US: 2 Phases, 250 Vac, 16/20A, slow Residual current circuit breaker; Ground fault circuit breaker

External water treatment and storage tank



Treatment system: Ozone generator, Water pump and Carbon Filter

Water tank: External tank is required

Applications



Clinics



Greenhouses



Private residential homes



Temporary army bases



Resorts



Off-grid homes

About Watergen

Watergen has devoted its innovative technology towards solving the world's water crisis under the leadership of its president, Dr. Michael Mirilashvili. Watergen provides a game-changing water from air solution based on its proprietary patented GENius technology that uses humidity in the air to create clean and fresh drinking water for people everywhere. The company offers a range of Atmospheric Water Generators (AWG) for various applications; the home/office scale GENNY that can produce up to 22 liters of drinking water per day, the medium-scale GEN-M that produces up to 800 liters of drinking water per day and the industrial, large-scale GEN-L that can make as many as 6,000 liters of drinking water per day. Watergen's AWGs are installed in more than 60 countries around the world.