



GEN-M1

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

Ma Hawa'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.

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

GEN-M1

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%

Power consumption

2.2 kW (nominal)

Nominal Operation Voltage

EU: 1 Phase 230v/50Hz
US: Split phases 240v/60Hz

Facility power distribution unit Circuit breaker

EU: 1 Phase, 250 Vac, C16A, and residual current circuit breaker
US: 2 Phases, 250 Vac, C16A, and ground fault circuit interrupter

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

Water tank

External tank is required

Applications



Clinics



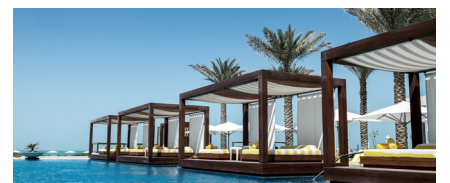
Greenhouses



Private residential homes



Temporary army bases



Resorts



Ma Hawa uses patented air-to-water technology to create drinking water of the highest quality, without using expensive infrastructure or depleting the planet's natural water sources. It's also environment-friendly, reducing the need for carbon-intensive supply chains and plastic bottled water.