



GEN-L

Provides up to
6,000 liters of fresh,
clean drinking Water
From Air

GEN-L is Ma Hawa's largest water generator that produces up to 6,000 liters of drinking water per day. It is a reliable source of fresh, clean drinking water, requiring no infrastructure other than electricity.

This plug-and-drink solution is designed to meet the needs of rural villages, off-grid settlements, army bases, manufacturing facilities, hospitals, large mines and construction sites and other decentralized applications seeking a new drinking water source, where there is no access to clean drinking water or the current water sources are contaminated.

Each GEN-L is built as a modular unit, so, as water requirements grow, it can be quickly and easily integrated with other units to create drinking water from air production farms.

The GEN-L's inbuilt heat-exchanger produces drinking water in a wide range of climate conditions: from 15°C and 20% humidity. To ensure the high quality of the water generated and maintain freshness and purity regardless of air quality, a built-in multi-barrier air filtration system removes micro-particles and organic traces and adds essential minerals.

GEN-L is producing drinking water from air in scores of countries with a diverse range of air quality and in the toughest terrains; providing high-quality drinking water across Asia, the Middle East, Latin America, Africa, and the United States.

Advantages



FRESH AND SAFE
Drinking water from air
throughout the day



PRODUCES
Up to 6,000 liters of drinking
water per day



WATER PRODUCTION
Starts from
15°C, 20% humidity and
at the point of use



FULLY MOBILE
Off-the-grid solution
no plumbing needed



SUSTAINABLE SOLUTION
Reduces logistic, transportation,
storage and plastic waste



INTEGRATE
With other units
to create drinking water from
air production farms



STANDARDS COMPLIANCE
Complies with
international water
purification standards

GEN-L Specifications



Water generation capacity

Up to 6,000 liters / 1,585 gallons a day

Electricity supply

EU: 400 Vac, 50 Hz, 3 Phases
US: 480 Vac, 60 Hz, 3 Phases

Water generation efficiency

350 Wh/liter

Dimensions (LxWxH)

2.85m x 2.23m x 2.64m / 112" x 87.8" x 103.95" (Height size considered with legs)

Weight

2,630 kg / 5,800 pounds

Energy consumption

Nominal 60 kW/h, Peak power up to 90 kW/h

Air filtration

Sub-micron barrier filter that eliminates <2.5 particulate matter

Water purification

Multi-step filtration cascade 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.

Applications



Hospitals



Army bases



Factories



Mines and construction sites



Greenhouses



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.