



GEN-L

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

GEN-L is A E R O S'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