

GEN-L

Provides up to 6,000 liters daily of fresh drinking water from air - wherever it's needed

GEN-L produces pure drinking water from the humidity in the air around us, energy-efficiently and economically. GEN-L utilizes its unique, patented and proprietary GENius heat-exchange technology, and requires only electricity to function; no need for plumbing or infrastructure. Just plug it into a power source, and within hours, you'll have access to **up to 6,000 liters of clean, safe drinking water per day**.

The GEN-L has been designed to meet the needs of army units, villages, field hospitals and off-grid settlements. It is the perfect solution for security forces and first response teams in many situations, where access to pure, safe drinking water is imperative for the success of their ongoing missions – on training missions, in battle, in emergencies or as part of response to natural disasters.

The Gen-L's inbuilt Genius patent allows for water production in a wide range of climate conditions: from 15°C-45°C and 20%-90% 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.

Water is created from air in countries with a diverse range of air quality and in the toughest terrains; providing high-quality drinking water to first response and security teams across Asia, the Middle East, Latin America, Africa, and the United States.

GEN-L Advantages



Fresh and safe drinking water from air



Produces up to 6,000 liters of drinking water per day



Water production starts from 15°C and 20% humidity



Off-the-grid solution; no plumbing needed



Easy transportation, flexible locations



Reduces logistic, transportation, storage and plastic waste



Water production is at the point of use



Complies with international water purifications standards



Specifications

Water generation capacity	Up to 6,000 liters/1,585 gallons a day
Electricity Supply	3 phase 400/480 VAC/50, 60 Hz
Water generation efficiency	350Wh/liter
Dimensions (LxWxH)	2.85m x 2.23m x 2.64m/112"x87.8"x103.95" (Height size considered with legs)
Weight	2,630kg/1,798 pounds
Energy consumption	Nominal 60kW, Peak power up to 90kW
Air filtration	Multi-barrier air filtration
Water purification technology	Removing heavy metals, particles filtration, biological treatment, organic compounds (VOC, SVOC) and mineralization by cutting edge technologies

Applications



Medical corps



Navy



Fire fighters

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 to people everywhere. The company offers a range of Atmospheric Water Generators (AWG) for various applications; the home-scale GENNY that can produce up to 22 liters of water per day, the medium-scale GEN-M that produces up to 800 liters of water per day and the industrial, large-scale generators that can make as many as 6,000 liters of water per day. Watergen's AWGs are installed in numerous countries around the globe.

About Aldhra

Al Dahra is a prominent multinational leader in agribusiness, specializing in the cultivation, production and trading of animal feed and essential food commodities and end-to-end supply chain management. Serving a large customer base spanning the Government and Commercial sectors, Al Dahra has a widespread geographic footprint, with a workforce of 5,000 employees, operating in over 20 countries and catering to more than 45 markets, with a leading position in Asia and the Middle East.

Technical specification

Category	Specification	Value	
		Imperial	Metric
Dimensions	Length	112.2"	2850mm
	Width	87.8"	2230mm
	Height	With legs: 103.95" Without legs: 92.1"	With legs: 2640mm Without legs: 2340mm
	Weight	4798 pounds	2630 kg
Operation, storage and transportation climate	Operation	68°F-104°F ≥35%	20-40°C
	Storage and transportation	14°F-167°F	-10°C to 75°C
Air filters	Filtration method	Multi-barrier air filtration	
Water production and purification	pH	6.5-8.5	
	Purification method	Removing heavy metals, particles filtration, biological treatment, organic compounds (VOC, SVOC) and mineralization by cutting edge technologies	
	Production Capacity Per Day	873 gallons (26.6°C/60%RH)	3300 L (26.6°C/60%RH)
		1585 Gallons (Max)	6000 L (Max)
	Refrigerant	R410A	
Dispensing options	Ambient		
Acoustic	Noise Levels	≤ 80 dBA	
Lifting and transportation platform	Transportation	Standard cargo	
	Lifting	Forklift or crane	
Electricity	Nominal Operation Voltage	EU	3 phase 400, Vac/50 Hz
		USA	3 phase 480 Vac/60 Hz
	Allowed Deviation on individual phases, Self Protected	Voltage ±5% Frequency ±1Hz	
	Power Consumption	Nominal: 60 kW Peak: Up to 90 kW	
	Energy Efficiency (26.6 C°, 60%RH)	350 Wh/L	
	Circuit Breaker Current	400 Vac: 3 x 125 A 480 Vac: 3 x 135 A	
	Mains Power connection	3 phase power cable 5 wires x 35mm ²	
Main Power supply	3 phase sockets per local regulations		
Certifications	Electrical safety	CE, CA, CB - IEC 60204-1	
	Water safety	IS-5452	