

W-90

Provides up to 900 liters of fresh, clean drinking Water From Air daily

W-90 is a medium-scale mobile Atmospheric Water Generator. It is the ideal solution for schools, universities, hospitals, parks, resorts, construction sites, temporary localities and residential buildings seeking a safe, clean and off-grid new water source. W-90 doesn't require any infrastructure besides an electrical socket and works absolutely independently from existing piping. W-90 uses patented GENius technology which makes it highly efficient to operate and enables the creation of up to 900 liters of pure, safe and tasty drinking water from the air daily.

The device uses innovative purification technology, which includes sediment, active carbon and NanoCeram® filters. Following the purification process, essential minerals such as Calcium and Magnesium are added. Water quality is ultimately safeguarded by a germicidal UV-C.

W-90 is one of the most energy-efficient AWGs on the market, enabling more water production with less electricity consumption. The water production process is optimized and suitable for a wide range of climate conditions: starts from 15°C and 20% humidity.

W-90 Advantages



Fresh and Safe

Produces up to 900 liters of drinking water throughout the day



Unique and innovative

Patented heat-exchange technology for a wide range of climate conditions



Standards Compliance

Complies with international purification standards



Fully mobile

Create your own source of drinking water without plumbing



Energy efficient

350 WH/L



Water production

Starts from 15°C and 20% humidity



Sustainable solution

Reduces plastic waste and carbon footprint



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Technical specification

Category	Specification	Value	
		Imperial	Metric
Dimensions	Length	57.7"	1465mm
	Width	59.4"	1509mm
	Height	68.3"	1735mm
	Weight	1576 pounds	715 kg
	Internal tank	34.3 Gallon	130 L
Operation, storage and transportation climate	Operation	≥59°F	≥ 15°C
		≥15% Relative Humidity	
Operation, storage and transportation climate	Storage and transportation	14°F - 167°F	-10°C to 75°C
Air filters	Filtration method	Single hydro-oleophobic 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	145 gallons (26.6°C/60%RH)	550 L (26.6°C/60%RH)
		264 Gallons (Max)	1000 L (Max)
	Refrigerant	R410A	
Acoustic	Noise Levels	≤ 75 dBA	
Lifting and transportation platform	Transportation	Standard cargo	
	Lifting	Standard – Forklift	
Electricity	Nominal Operation Voltage	EU	3 Phase, 230/400Vac, 50Hz
		US	3 Phase, 120/208Vac, 60Hz
	Allowed Deviation on individual phases, Self Protected	Voltage ±5% Frequency ±1Hz	
	Power Consumption	Nominal: 5.6 kW Peak: Up to 10kW	
	Energy Efficiency (26.6 C°, 60%RH)	350 Wh/L	
	Circuit Breaker Current	120/208Vac: 3 x 40A slow 230/400Vac: 3 x 25A slow	
	Mains Power Connector	Standard: IEC 60309, Red, Keying 3P+N+E, 180° / 6h 120/208Vac: 5 x 63A 230/400Vac: 5 x 32A	
	Electrical connection	An industry-approved electrical wire (to suit 110V/400V) is required to connect to the GEN-M Pro connection box.	
Certifications (Plan in progress)	Electrical safety	EU: CE, CA, CB - EN 60335-1, EN 60335-2-24, EN 60335-2-109 China: CCC - GB 4706.1-2005, GB 4706.19-2008, GB 4706.13-2014	
	Electromagnetic Compatibility	EU: EMC: Directive 2014/30/EU – EN 61000-6-4, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, EN 301 489-1, EN 301 489-17 US: CFR 47, FCC: 2015	
	Water safety	US: ASSE/ANSI IAPMO - ASSE 1090, ASSE LEC 1087	

