

AWGS

Atmospheric Water Generators

MAKE WATER FROM 'AIR'

Snowbird Point-of-Need Solutions



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Snowbird Technologies' Atmospheric Water Generators (AWGs) are precision-engineered and mission-ready, designed to sustain warfighters in the most extreme and unforgiving operational environments worldwide. Built to meet the rigorous demands of military deployments, these advanced systems serve as a critical force multiplier, enabling on-site water generation in expeditionary and forward-operating conditions. Their MIL-SPEC construction and rugged durability ensure seamless adaptability for commercial and humanitarian applications alike. Our AWGs can produce purified water in ambient air temperatures of 45°F to 125°F (7°C to 52°C) and 30% to 99% humidity.



GENERATE, STORE, AND DEPLOY POTABLE WATER IN THE HARSHTEST AND MOST CONTESTED ENVIRONMENTS.

Snowbird AWGs are engineered in three distinct models, each optimized for maximum portability and resilience in the most demanding environments. Designed for rugged operational efficiency, all units feature:

Lightweight Aluminum Construction – Ensures superior durability without compromising mobility.

Enhanced Impact Resistance – Engineered with reinforced structural elements to withstand operational stresses during deployment and transport.

Integrated Rainwater Collection System – A precision-designed seam on the top panel enables passive rainwater harvesting and distillation for supplementary water sourcing.

Intuitive Control Interface – A streamlined, user-centric front panel provides full access to system functions for seamless operation.

Rapid Deployment & Minimal Maintenance – Designed for effortless setup within minutes, requiring minimal servicing to maintain peak performance.



[SNOWBIRDTech.COM/AWG](https://snowbirdtech.com/awg)

FEATURES & CAPABILITIES



SAWG-14



SAWG-28



SAWG-150

DAILY WATER OUTPUT	14 gallons 53 liters	20 gallons 76 liters	150 gallons 568 liters
MAX OPERATING TEMP	125°F 52°C		
MIN OPERATING TEMP	45°F 7°C		
INTERNAL WATER STORAGE	10 gallons 38 liters	50 gallons 189 liters	
PRIMARY POWER VOLTAGE	120V AC 60 Hz		208V AC Single Phase
PRIMARY OPERATING AMPS	12.2 AMPS (15 Max)	17.7 AMPS (20 Max)	52.4 AMP Designed
OVERALL DIMENSIONS	22.5"W x 24.5"L x 20"H 57cm x 62cm x 51cm		85"W x 139"L x 85"H 216cm x 353cm x 216cm
EMPTY WEIGHT	160 lbs 73 kg	180 lbs 82 kg	4,020 lbs 1,823 kg
WATER DISPENSING RATE	2-gallons/minute 7.5 liters/minute		4-gallons/minute 15 liters/minute
FILTRATION	Reusable sediment pre-filter and disposable multi-stage filter. SAWG-150 features 2 independent systems and a 15K-gallon (56K liter) disposable multi-stage filter		
FINAL PURIFICATION	UV-C purification chamber		2 independent UV-C purification chambers
WATER STORAGE TREATMENT	Ozone generator		Ozone treatment recirculating system
DISPENSER SPIGOTS	2		

Solar System Requirements (for 80°F, 70%RH, 6 Solar hours/day)

Solar power capable-system is equipped with soft starting technology, optimized for operation with solar power sources with battery storage capabilities.

SAWG-28, Both systems

24-Hour Continuous Operation

Solar Field: 8,600 Watts

Battery Power Storage: 41.00 kW/hr

12-Hour Operation

Solar Field: 4,300 Watts

Battery Power Storage: 15.25 kW/hr

SAWG-14

24-Hour Continuous Operation

Solar Field: 6,000 Watts

Battery Power Storage: 28.50 kW/hr

12-Hour Operation

Solar Field: 3,000 Watts

Battery Power Storage: 10.50 kW/hr

SAWG-150 features an integrated 20 kW generator with 50-gallon (189 liter) fuel storage that allows for 24-hour operation between fueling.

Water produced by Snowbird Technologies' AWGS is confirmed potable as defined IAW TB MED 577 Short-Term Potability Standards.