

# AWGS

Atmospheric Water Generators

## MAKE WATER FROM 'AIR'

### Snowbird Point-of-Need Solutions



*"The appearance of U.S. Department of Defense (DoD) visual information does not imply or constitute DoD endorsement."*

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<br>53 liters                                                                                                                                            | 20 gallons<br>76 liters  | 150 gallons<br>568 liters                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|
| MAX OPERATING TEMP      | 125°F<br>52°C                                                                                                                                                      |                          |                                              |
| MIN OPERATING TEMP      | 45°F<br>7°C                                                                                                                                                        |                          |                                              |
| INTERNAL WATER STORAGE  | 10 gallons<br>38 liters                                                                                                                                            | 75 gallons<br>284 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<br>57cm x 62cm x 51cm                                                                                                                       |                          | 85"W x 139"L x 85"H<br>216cm x 353cm x 216cm |
| EMPTY WEIGHT            | 160 lbs<br>73 kg                                                                                                                                                   | 180 lbs<br>82 kg         | 4,020 lbs<br>1,823 kg                        |
| WATER DISPENSING RATE   | 2-gallons/minute<br>7.5 liters/minute                                                                                                                              |                          | 4-gallons/minute<br>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.