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## Military Atmospheric Water Generation (Mil-AWG)

Atmospheric Water Generation is an emerging technology that produces pure water from air by means of automated natural condensation. The technology has gained significant ground in providing pure water to commercial and humanitarian projects across the world, particularly in locations where drinking water infrastructure is compromised or not available. AeroGlow International and Hogen Systems have come together to offer a military capability known as Mil-AWG. Key benefits:

- ➔ Machines are light weight and low volume - producing up to 5000 Litres per day within a standard 10ft ISO Container.
- ➔ Available in 3 military focussed sizes - Large (ISO container), Medium (trailer), and Small (kitchen appliance).
- ➔ Improves deployability - use of Mil-AWG will relieve the burden of upfront logistic and infrastructure planning for potable water supplies during operations.
- ➔ Eliminates the need for local resources such as reservoirs and associated potable water infrastructures.
- ➔ Eliminates the need for bottled/stored water purchase and transportation.
- ➔ Improves Operational Security (OPSEC) by eliminating the possibility of compromised water supply, and the need for managing associated local intelligence.
- ➔ Compared to use of bottled/stored water - payback period is within the first year.

Small Scale Modular up to 200L/day



Medium Scale up to 900L/day



Large Scale up to 5000L/day



Pure Potable Water



Proprietary Information and Design - Commercial in Confidence

# Design Specification

Medium	Standards	Quotes
Environmental	DefStan 00-35 Mil Std 501.5	-10 to + 50 Deg C including humidity, solar heating and marine environments.
Salt Mist	DefStan 00-35 Part 3 Issue 4.	Where applicable.
Vibration	DefStan 00-35 Part 3 Issue 4 Mil Std 810F	Where applicable.
EMC/V	DefStan 59-411 Part 3 I1; Mil Std 461	Only applicable to bespoke units required for use alongside pertinent equipment.
Contaminates	DefStan 00-35 Part 3 Issue 4	Where applicable.
Altitude	DefStan 00-35 Part 3 Issue 4	Where applicable.
Dust	DefStan 00-35, Mil Std 810F 510.5	Where applicable.
Mould Growth	DefStan 00-35 Part 3 Issue 4. Test CN1.	28 Days Severity.
Freeze - Thaw	DefStan 00-35 Part 3 Issue 4	Where applicable.
Human Factors	Def Stan 00-250 P1	Where applicable.

