

AquaGEN™ 2.0

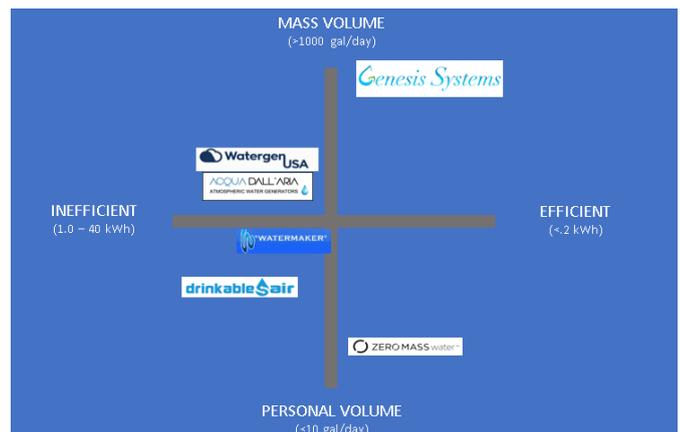
PRODUCT INFORMATION SHEET

Genesis Systems® stand-alone high-output Air-to-Water Generation systems use **Hyper Water Phasing™** requiring no water source and providing self-sufficient power. While other water absorption technologies refrigerate air using cooling coils to chill air next to a surface medium, the patented AquaGEN™ 2.0 uses a carefully managed thermal dynamic processes and multi-stage absorbers to capture fresh water at a high temperatures. This efficient design, eliminates traditional compressor technologies and desiccants (i.e. metal organic frameworks (MOFs)) allowing operation in humidity levels and environments other air-to-water technologies cannot match. AquaGEN™ is patented in six countries and the EU.



- **Water volume: 1,500 to 5,000+ Gal/Day:**

Full output based on 59°F and 60% Relative Humidity. Water within the EPA limits of drinking water, and modifications can be easily made to ensure compliance with EU standards. Independent analysis and testing from Southwest Research Institute (SwRI) for pH, total dissolved solids, temperature, conductivity, alkalinity, copper, total hardness, chlorine, nitrite, nitrate, and lead.



- **Plant size: 40' shipping container:**

40 feet long includes standard and high cube (HC) options, both of which are 8 feet wide. The standard version is 8 feet 6 inches high, while the HC version is 1 foot taller, or 9 feet 6 inches high. Cubic capacity of standard: 2,350 cu. ft. Cubic capacity of HC: 2,694 cu. ft. Interior square footage: 273 sq. ft.

- **Electric power requirements: *50kW solar configuration:**

Output Power 50 kVA Max., Output Current 76A, Nominal AC Voltage 3 Ph, 400 VAC Voltage Range 400 V ± 20 % (320~480) Nominal Frequency 50 Hz. *Depends on configuration.

- **Operating range AquaGEN™**

Temp/Humidity: 40°F or Higher, 18 percent Humidity or Higher. Rapid construction and deployment from Purchase Order. Units operational within 6 hours after container arrives on location.

Aqua-GEN™ and Hyper Water Phasing™ are trademarks of Genesis Systems, LLC and its subsidiaries. The Aqua-GEN process is patented in six countries and the EU registered to Genesis Systems, LLC. www.genessystems.global