



watergen

Turning air into drinking water



ABOUT US

Watergen is an Israeli-based, award-winning developer of Water-from-air solutions. Our cutting-edge and patented technology provides a low cost, abundant and renewable source of fresh and clean drinking water by extracting it directly from the atmosphere. Watergen's solution is a game changer that will improve quality of life and health, as well as save lives.

Watergen's water generators produce the safest, cleanest and fresh-tasting drinking water and can potentially service billions around the world. Watergen's products are suitable for every community size from cities, villages, commercial centers, schools, and hospitals to offices, residential buildings and private homes.

OUR VISION

Watergen holds a humanitarian vision whose central belief is that every living person has the right and deserves to drink clean and safe drinking water.

EXECUTIVE TEAM

**DR. MICHAEL
MIRILASHVILI,
PRESIDENT**



Dr. Mirilashvili is the visionary behind Watergen's mission to provide drinking water to every corner of the globe.

Dr. Mirlaishvili is a global business leader for over three decades. Dr. Mirlaishvili's corporate group includes hi-tech companies, commercial and real estate developers, oil and gas, and infrastructure projects. He is a staunch advocate of human rights and serves as President of the Euro-Asian Congress and Vice President of the World Jewish Congress.



**MAXIM PASIK,
EXECUTIVE CHAIRMAN**



**RAMI RONEN,
VICE CHAIRMAN**

OUR AWARDS

Watergen was chosen as one of the World's 50 Most Innovative Companies, 2014

Technology Innovation Leadership of the Year, 2014.

Arye Kohavi is one of the world's 100 Leading Global Thinkers and one of the world's Top Innovators, 2014



OUR TECHNOLOGY

The patented GENius, the world's most energy-efficient atmospheric water generator module of its kind, enables us to generate water from air humidity. The GENius includes one-of-a kind heat exchanger, which differentiates it from other AWG technologies that are based on an old AC technology and therefore make the solution much more expensive. The water production is optimized to produce maximum results using Watergen's unique control algorithm, which allows operation at a large range of climate conditions, including changes between day and night and seasons of the year.

OUR PRODUCTS



GEN-350

Medium size, highly mobile AWG

- ◆ Perfect solution for water supply in schools, hospitals, commercial and residential buildings.
- ◆ Ideal for emergency situations and natural disasters.
- ◆ Indoor and outdoor usage.
- ◆ Provides cold or ambient water.
- ◆ Multi-barrier air filtration cascade
- ◆ Water purification based on sediment filtration, mineralization and activated carbon as well microbiological treatment by UV lamp to ensure water quality.
- ◆ Generates up to 600 liters (156 gallons) of clean fresh drinking water daily.

- ◆ AVG power consumption: 5.0 Kw/h.
- ◆ Weight: 800 kg (empty).
- ◆ Built-in 200 liters water reservoir.

LARGE SCALE

Industrial scale AWG

- ◆ Ideal for towns, villages, factories, off grid settlements, and communities .
- ◆ Outdoor usage.
- ◆ Provides cold drinking water.
- ◆ Multi-barrier air filtration cascade.
- ◆ Water purification based on sediment filtration, mineralization and activated carbon as well microbiological treatment by UV lamp to ensure water quality.
- ◆ Generates up to 5,000 liters (1,300 gallons) of clean fresh water daily.



- ◆ AVG power consumption: 45 Kw/h.
- ◆ Weight: 2800 kg (empty).

WHY WATERGEN?

- ◆ **GENius Patented technology** - the world's most energy-efficient atmospheric water generator (in terms of efficiency-cost-size-ratio).
- ◆ **Supreme water quality** - The combination of aggressive air filtration and unique GENius structure, facilitates the generation of almost pure H₂O. In addition as disinfection unit we provide UV system which can treat up to 7 types of bacteria including: Pseudomonas Aeruginosa or Legionella.
- ◆ **Unique and robust air filtration methodology** - designed to operate at high air pollution conditions.
- ◆ **Mobile Solution** - Gen-350 units can be easily moved from place to place using simple trucks.
- ◆ **Perfect for remote areas and emergency situations** - eliminates complicated logistics issues related to delivering water to location.
- ◆ **Plug and Drink solution** - no infrastructure or piping needed, immediate water generation. Requires only a power source to start operations.
- ◆ **Not dependent on ground water** - Can be safely operated in areas with high contamination of Arsenic and Florid.
- ◆ **Army standards compliance** to certain products.
- ◆ **Environmental friendly** - Reduces plastic wastage and carbon footprint.

