

GEN-M ERV



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When an emergency incident or natural disaster strikes, water supply – the most basic human need for survival, is either compromised or cut off.

GEN-M ERV (Emergency Response Vehicle) is a customized heavy-duty truck equipped with Watergen's GEN-M Atmospheric Water Generator with the ability to provide up to 800 liters/211 gallons of clean drinking water a day to people in emergency situations. It also includes a 12kVA generator, two dispensers and storage space.

GEN-M ERV has provided relief following natural disasters such as Hurricanes Harvey, Irma, and Michael, and the wildfires of California, working with FEMA and the Red Cross to provide clean and safe drinking water in areas difficult to access.

The World's Most Energy-Efficient Atmospheric Water Generator

GEN-M requires only electricity in order to function, just plug it in to a power source and within hours have clean and safe drinking water. The proprietary patented GENius heat-exchange technology allows the GEN-M to produce water, using just 250Wh per liter. The GENius technology in the GEN-M continuously optimizes water production based on the location's atmospheric condition, temperature and relative humidity.

GEN-M ERV Advantages



Highly mobile

Designed for emergency situations and natural disasters



Quality

Generate drinking water of the highest quality



Independent of Electric Grid

Dispenses water in areas both with and without an operating electric grid thanks to its onboard 12kVA generator



Plug and Drink solution

Fast and easy deployment in most weather conditions, remote areas and difficult to access locations



Long term sustainable water generation

Generates water throughout all phases of emergency and crisis response



Standards compliance

Complies with all required World Health Organization (WHO), Environmental Protection Agency (EPA) and ASSE standards.

Specifications

- Water generation capacity: Up to 800 liters/211 gallons a day in ideal conditions
- Cold Water: 41°-44.6°F (5°-7°C)
- Integrated water tank: 200 liters/53 gallons
- Integrated dispenser Cold or ambient
- Dimensions of GEN-M (LxWxH): 1.40m x 1.40m x 1.58m / 4.59ft x 4.59ft x 5.18ft
- Water Generation efficiency: 250Wh/liter
- Weight of GEN (when dry): 780kg / 1,720lbs when dry
- Power consumption: Nominal ~5.6 KW*h – Max 10 KW*h (at start up)
- Air filtration: Multi-barrier air filtration cascade
- Water purification technology: Sediment filtration, mineralization, activated carbon and microbiological treatment by UV lamp
- Electricity Supply: 12kVA generator

Available Add-ons

- 1000-1500- liter (260-390 gallon) external water reservoir
- 500-liter (130 gallon) fuel tank for week-long operation
- Emergency lighting
- Custom designed wrapping of truck
- WiFi



About Watergen

Founded in 2009, Watergen has devoted its innovative technology towards solving the world's water crisis under the leadership of its president, Dr. Michael Mirilashvili. Watergen provides a game-changing water-from-air solution based on its proprietary patented GENius technology that uses humidity in the air to create clean and fresh drinking water to people everywhere. The company offers a range of water atmospheric generators (AWG) for various applications; the home-office scale GENNY can produce up to 30 liters of water per day, the medium-scale GEN-M that produces up to 800 liters of water per day and the industrial, large-scale generators that can make as many as 5,000 liters of water per day. Watergen's AWGs are installed in numerous countries around the globe.

