

Emergency Response Vehicle (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.

With the ERV – a customized heavy-duty truck equipped with Watergen's GEN-350 Atmospheric Water Generator to provide clean drinking water to people in emergency situations.

The 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 providing clean and safe drinking water in areas difficult to access.

Available storage for medical supplies and provisions and power outlets for charging phones are included with the ERV as well as a Caterpillar 18KVA Diesel Generator mounted on the truck. The ERV includes a dispenser on each side of the truck.

Technology that Generates the Cleanest Water-From-Air

- A multi-media air filtration ensures the water the GEN-350 generates is of the safest and best tasting water regardless of air quality.
- Integrated water purification technology: sediment filtration, mineralization, activated carbon and microbiological treatment ensures that the water is always clean and safe for drinking.
- The GEN-350 includes a built-in internal reservoir with continuous treatment that circulates the water keeping the water fresh and great tasting.

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Specifications

- Water generation capacity: up to 900 liters / 230 gallons a day
- Integrated water tank: 200 liters / 53 gallons
- Integrated dispenser: (2) cold or ambient
- Water generation efficiency: 330Wh / liter
- Dimensions (LxWxH): 7.3m x 2.7m x 2.4m / 23.95ft x 8.85ft x 7.87ft
- Power consumption: ~5.6kW/H – Max 10kW (at start up)
- Air filtration: multi-media air filtration cascade
- Water purification technology: sediment filtration, mineralization and activated carbon, microbiological treatment.



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 wrap of truck
- WiFi



About Watergen

Watergen is the innovative answer to the world's drinking water crisis.

Watergen's atmospheric water generating technology creates "water-from-air" in an energy efficient, cost effective system. Watergen's award-winning products deliver large quantities of life sustaining, high quality drinking water.

Since its foundation in 2009, Watergen has gathered together a growing multidisciplinary and award-winning team of experts – many of them with decades of experience in water, environmental, engineering and healthcare.

Every human being deserves the right to have access to clean water.

