

Racor VMT Supports Haiti Water Needs

Market Application Publication



The Problem: Supplying potable water after a disaster.

When disaster strikes, a clean water supply must be established as quickly as possible. The longer a population is without clean water, the higher the incidence of disease and other complications.

Relief agencies struggle to supply clean water in a timely manner. In the past, the solution has been to truck in bottled water. One tanker truck can only supply 8000 gallons of water. It would take numerous trucks to supply a large population of people. Moving this amount of water is resource intensive, costly, and is a poor use of a critical logistic resources. The roads could be better used for other tasks in the resource constrained days following a disaster.



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“Truck loads of Parker equipment including hose, fittings, crimpers, medical supplies, and other related products, are currently being compiled to be shipped to Haiti. Importantly, these include a number of water desalinization systems to provide them with desperately needed, clean drinking water”

Donald E. Washkewicz
Chairman, Chief Executive Officer
and President of Parker Hannifin
Corporation



ENGINEERING YOUR SUCCESS.

The Solution: Provide water when and where it is needed.

Parker Racor Village Marine Tec. has provided disaster relief units to NASA (part of FEMA), EPA, US Navy, US Department of Interior, and the US Army. What makes these units unique is:

- Ease of deployment
- Self-contained power supply
- Simple operation
- Air and truck transportable
- Ruggedly built to withstand the harsh environment typical of a disaster situation

Parker Racor Village Marine Tec. will be supporting Haiti relief efforts through the following agencies:

- United States Coast Guard
- US Navy
- Red Cross
- Bureau of Reclamation

Racor VMT supports potable water delivery from the USCG 210' and 270' WMEC Cutters on site at the Haitian earthquake disaster. According to Alec Burrell, Government Contracts Manager for Village Marine Tec., "The Parker reverse osmosis desalination systems installed onboard the USCG 270' and 210' WMEC Class Cutters were designed with disaster relief support mission capabilities in mind. The Parker RC Series Watermaker Systems are capable of providing potable water production over and above the needs of the crew. We are proud to support the crews of USCGC VALIANT, MOHAWK, TAHOMA, FORWARD and others in this important relief effort."

Watermakers For Haiti

Pure Water Verticle Series

Pure Water Verticle Series units have a vertical frame with a small footprint for installation in large yachts or beachfront properties. All components are in one frame and include a multi-media prefilter and a flush system.



- Automatic diversion valve diverts water to discharge if water quality drops below acceptable standards.
- Digital water quality monitor displays ppm TDS (parts per million/total dissolved salts) of water output.
- Includes a product flowmeter to easily monitor gallons per hour of water being produced.
- All 316 SS high pressure piping for superior duty life.
- Pre-filtration includes 36 sq.ft. of filtering area maximizing cartridge life.
- Maintenance-free air/oil separator lengthens the life of the membranes and pump.

Aegean Subcompact

The ASC unit features a semi-modular frame format for installation flexibility. The frame is compact and can be above or below the water line. The boost pump and prefilters are supplied as loose items. The watermaker can be operated and monitored from electronic remote control.



- Automatic diversion valve diverts water to discharge if water quality drops below acceptable standards.
- Digital water quality monitor displays ppm TDS (parts per million/total dissolved salts) of water output.
- Dual sediment prefilters, 20 micron plus 5 micron cartridges.
- Cleaning valve included for easy cleaning or preservation of the unit using cartridge cleaners.
- Unique titanium high pressure pump head is impervious to the corrosive seawater environment and is designed for very simple service.
- Flowmeters for both product and reject are included.