

## Water Energy Technologies, Inc. delivers life-saving water sterilization units to Netherlands retirement facility

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CAPE CANAVERAL, Fla. - A potentially deadly form of pneumonia known as Legionnaires Disease doesn't stand a fighting chance in medical facilities equipped with the Water Energy TechH2Ozone Water Treatment System. Two system units recently arrived in Holland - upon special request from the Dutch government - to keep the water in a local retirement home free of contamination.

"Health authorities in the Netherlands have asked that the TechH2Ozone Water Treatment System be the unit of choice when it comes to water sterilization in its medical facilities. This shipment is the first of many to come because the government knows firsthand how effective the system is in dealing with deadly bacteria like Legionella," said Alfredo J. Teran, Engineering Director for Water Energy Technologies, Inc., the premiere designer of water and wastewater treatment systems using state-of-the-art ozone technology.

The Cape Canaveral office of Water Energy teamed with EuroTechOzone B.V. to ship the units, which use **ozone applications** to consume contaminants and destroy microorganisms in order to sterilize water and water distribution systems in medical facilities. "Dutch health officials have spent the last five years monitoring the effectiveness of one of our units that was installed at a retirement facility to deal with a very serious problem associated with Legionella, the bacteria that causes Legionnaires Disease," Teran said.

"They tested the unit's efficiency and assessed its design over the years and found that the TechH2Ozone system is highly effective in treating the previously contaminated facility and keeping its water system completely clear of the deadly bacteria," Teran said.

Healthcare buildings have complex water systems. Legionella bacteria are commonly found in many of the buildings' piping, boilers and water fixtures. Under certain conditions, the bacteria can be ingested by building occupants, causing very serious lung infections; similar to what occurred at a hotel convention of the American Legion in 1976 and from whence "Legionnaires Disease" gets its name.

While the disease is considered uncommon, patients in hospitals and nursing home facilities are usually in a state of poor health, which increases their risk for Legionella infection. This disease can be very serious and can cause death in up to 30 percent of the cases. Disease breakouts are reported somewhere in the world each month. For instance, a patient at a Dutch hospital died in May from the disease; at least four people died among 150 cases reported in July during an outbreak in Russia; and the recent deaths of three people at two Long Island senior citizens' facilities also were attributed to the disease.

New York City has experienced a shocking explosion in cases of Legionnaires Disease over the past decade related to cooling towers being contaminated with legionella bacteria and innocent passersby being exposed to mist and fog from cooling towers that contain the bacteria. Cooling towers are used for commercial air conditioning systems to remove heat from the refrigerant in the process of cooling large buildings. You can recognize a cooling tower as a structure with a constant plume of fog rising out of the top of it during cold weather periods. These devices contain warm water that is continuously mixed with ambient air, so they are understandably dirty. They provide the most perfect environment for growing microorganisms. It is a constant battle for building maintenance personnel to attempt to keep their cooling towers free of bacteria and viruses. Cooling towers are also the perfect environment for the mutation of viruses that happen to end up growing inside an amoeba. Cooling towers contain literally billions of amoebae and these tiny organisms provide the perfect laboratory environment for the growth and mutation of all types of viruses. Ozone is the PERFECT solution to eliminate this problem. It's extreme efficacy for the destruction of all living microorganisms that may take up residence in the water of a cooling tower system make it the perfect solution!

The equipment developed by Water Energy Technologies, Inc. utilizes patented technology allowing for the injection of very precise and continuous levels of oxygen and ozone into a facility's water distribution network, protecting occupants without damaging the water system.

"Water Energy specializes in developing effective and cost-efficient environmental solutions that can be utilized by various industries. We are pleased to know that the Dutch government has recognized our commitment to quality water treatment systems. But the best reward is knowing that we are saving lives," Teran said.

Contact Water Energy Technologies, Inc. at (713) 464-2580 or visit them on the web at [www.waterenergy.com](http://www.waterenergy.com) for more information on the environmentally friendly TechH2Ozone Water Treatment System.