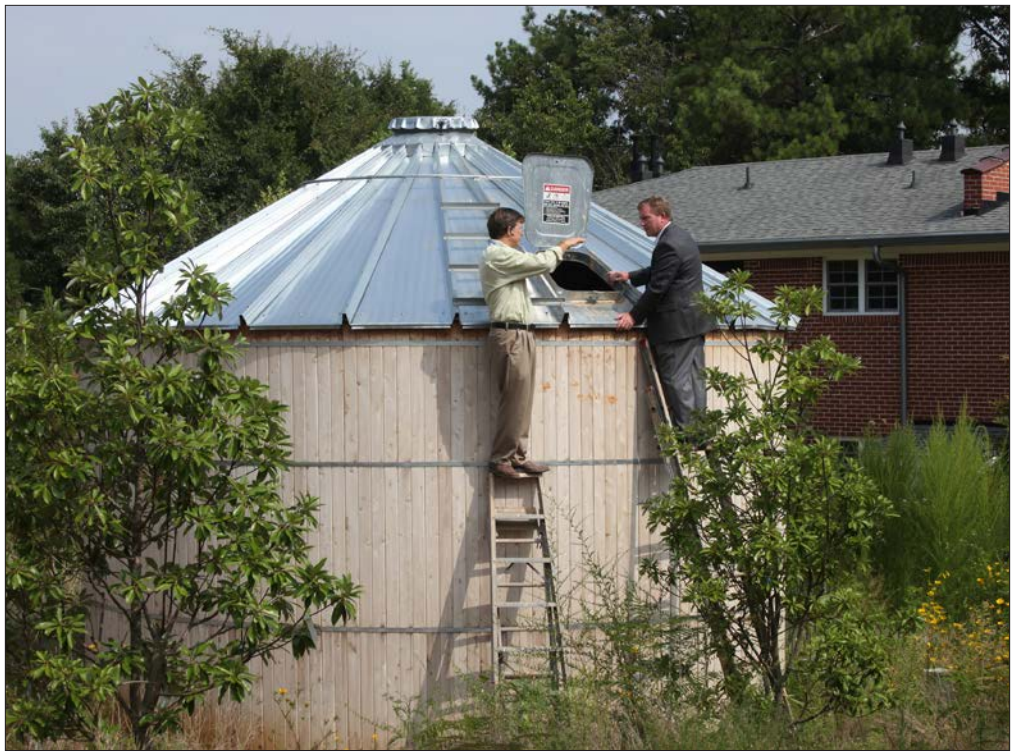
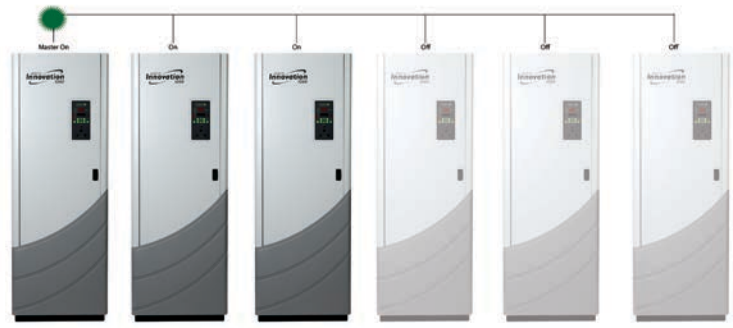


CHRIS KIDS Atlanta, Ga.

The mission of CHRIS Kids is to help unlock the potential of at-risk children and families. In a move to develop a stronger foundation, CHRIS Kids has undertaken a renovation and construction project. Among the goals of the project was the renovation of exterior spaces for a new playground and green spaces for socializing. Landscape architects Pond Ecos created a design that specified drought tolerant native plants and—and to meet all irrigation needs—a 20,000-gallon, above-ground rainwater catchment cistern and a below-ground transfer tank from BRAE, a Watts Water Technologies company. During a rain, site runoff mix in drainage catch basins, moving from there through to the underground tank. When the water volume reaches a certain level, a pump moves the harvested rain water to the above-ground tank.



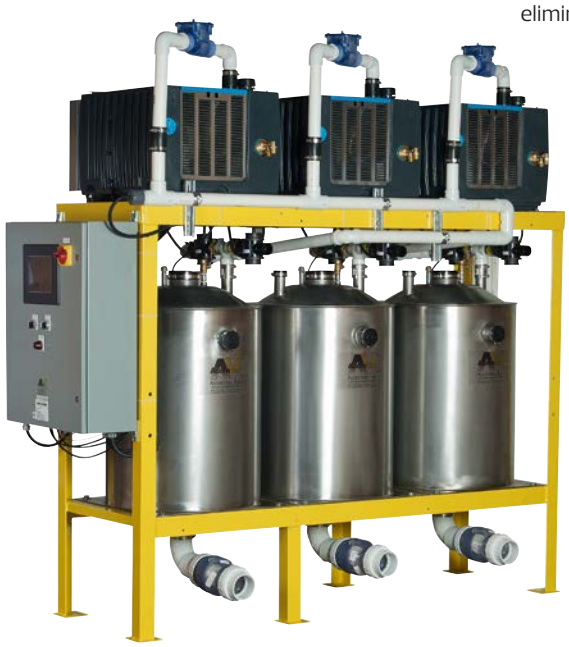
Eliminates Standby Losses

Designed to sequence up to eight water heaters on the same system, the Water Heater Management (WHM) system ensures that all water heaters in the system are operating at maximum efficiency by monitoring firing rate, and opening or closing one motorized valve per unit, as required to meet hot water demand. The system incorporates a master/slave backup feature that can also determine which unit to enable or disable based on run hours, which helps balance unit run hours, reducing service and maintenance costs. **Circle (246)**.

AERCO International
www.aerco.com

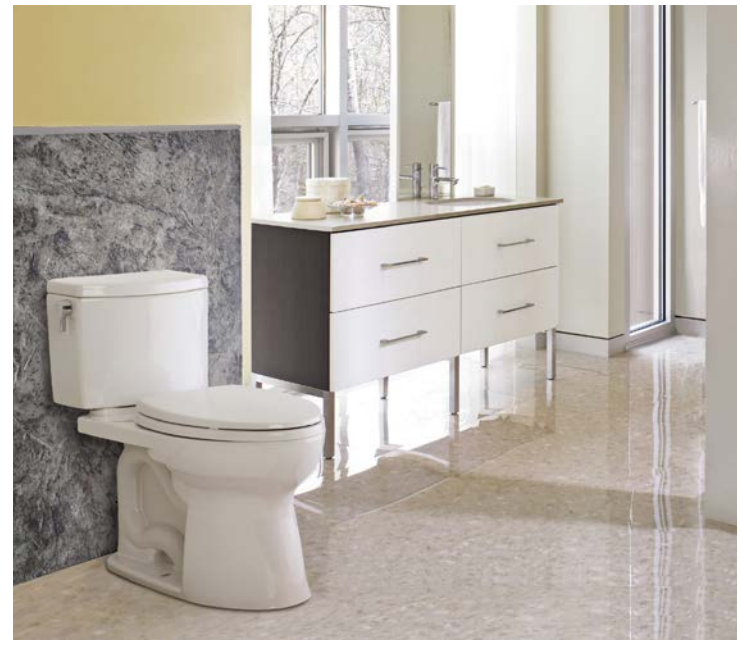
Vacuum Plumbing — the Environmental Choice

A typical vacuum system can reduce potable water consumption for toilets by 68% with a highly efficient vacuum flush toilet requiring only a half-gallon per flush. Of the many benefits vacuum plumbing offers, the water and waste treatment savings are one of the most important features of this technology. The water savings can be thousands of dollars and millions of gallons per year for larger applications. The vacuum plumbing system contributes to a healthier, more sanitary environment by preventing waste ex-filtration— ensuring that contaminants stay within the waste piping network and eliminating the vaporization of water from the toilet bowl during a flush. The AcornVac system was chosen as a greener alternative to a traditional plumbing system at the LEED Silver Amherst County Adult Detention Center in Virginia, and one that is more practical for the facility in terms of controlling water costs, conducting maintenance with ease and helping prevent excessive inmate use. The vacuum plumbing system is expected to reduce wastewater by 70% and overall water use by more than 60%, which can annually save over 3.5 million gallons of water. **Circle (245)**.



AcornVac Inc.
www.acornvac.com

LOCATE AT GREENBUILD
BOOTH NUMBER **4275N**



The 1G

The new gravity-fed, two-piece 1G Double Cyclone marries performance and bowl cleansing action to high-efficiency water savings. Like a cyclone in nature, the Double Cyclone flushing system creates a powerful 1.0 gpf flush engine that maximizes cleaning action as it spins away waste. Double Cyclone features two nozzles that use water more efficiently for better rim and bowl cleansing, resulting in less trapped matter and bacteria, which results in less time needed to clean the toilet. **Circle (244)**.

TOTO USA
www.totousa.com

LOCATE AT GREENBUILD
BOOTH NUMBER **3347N**