



# Fall Product Launch

## Caroma Maximizes Water Efficiency with Waterless and High Efficiency Urinals

**C**aroma is committed to conserving the world's most valuable resource—water. The company provides a range of high efficiency dual flush toilets (HETs), averaging as low as 0.9 gallons of water per flush. The high efficiency urinals use even less for extreme water conservation.

The **H<sub>2</sub>Zero waterless urinal**, the most recent innovation from Caroma, utilizes breakthrough technology, requiring no water while providing optimum performance for maximum water conservation. The vitreous china urinal addresses key challenges that have been associated with other waterless urinals, including performance, operation, odor management, durability, and waste build-up, ensuring a consistently superior product.

The H<sub>2</sub>Zero's unique patented cartridge technology does not use an oil-based seal, as traditionally used in waterless urinals. Within the cartridge is a Bio Fresh deodorizing block that is activated during use. The Bio Seal™ allows urine to pass through the seal freely, eliminating unnecessary waste build-up within the cartridge. The Bio Seal also acts as a one-way airtight valve to seal the

cartridge from the drainage system. As urine flows into the cartridge and around the Bio Fresh deodorizing block, heat from the urine activates and emits a lemon fragrance. The urine then flows through the Bio Seal valve and into the drainline. The Bio Seal closes, protecting against back-pressure situations. This operation guarantees superior performance and hygiene.

To service the urinal, the H<sub>2</sub>Zero's touch-free cartridge tool ensures no direct contact with the replacement components. The tool is used to remove the grate and access the internal components. The Bio Fresh deodorizer and Bio Seal can then be removed and replaced as required, and no special disposal method is required.

**The Cube<sup>3</sup> Ultra high efficiency urinal** uses 1 pint (0.13 gallons) of water per flush. The smart demand controller only flushes after detecting liquid passing through the trapway, eliminating accidental flushing. The smart system automatically reduces flushing frequency during periods of high use and reverts to normal usage at non-peak times.

The Molasky Corporate Center in Las Vegas, NV, was

the first building in the city to receive LEED Gold certification. The Cube<sup>3</sup> Ultra from Caroma was chosen to help meet a 30 percent overall water use reduction goal for the building. According to Doug Bennett, Conservation Manager at the Southern Nevada Water Authority, "The Smart technology in Caroma urinals will save hundreds of thousands of gallons of water each year. Another major benefit is the elimination of unintended and intermittent flushing. It also does not flush from intermittent streams, saving even more water."

Caroma also provides a full range of high efficiency dual flush toilets for style and water conservation. The Sydney Smart, introduced earlier this year, has the lowest water consumption of any dual flush toilet, averaging only 0.90 gallons of water per flush. The Sydney Low Profile introduced in July is ideal for installations that want to conserve water and require a shorter toilet due to space restrictions, such as under a counter or a grab bar in ADA installations. Caroma has 41 WaterSense labeled HETs, more than any other manufacturer.

For more information on the H<sub>2</sub>Zero, Cube<sup>3</sup> Ultra, and other Caroma high efficiency products, email [info@caromausa.com](mailto:info@caromausa.com) or visit [www.caromausa.com](http://www.caromausa.com).

