

Tap into Savings

Reduce water use to improve the environment—and your bottom line

To reduce water use at your property, look to where the most water is consumed. According to an American Hotel & Lodging Association study, that's in the guest rooms. The average hotel consumes about 209 gallons of water per occupied room each day. Of that, 56 percent is for showers, and toilets account for 25 percent of water use, so let's start there.

Quench

The new Quench shower system recirculates water through the shower, allowing guests to shower for as long as they like, using just one gallon of water. Once it's time for a rinse, they can switch out of the recirculation mode, making the experience akin to rinsing in the shower after taking a bath. According to the manufacturer, the Quench shower can reduce water use by 82 percent and energy use to heat water by 87 percent when compared to standard shower installations. The company has designed a fully automated system for hospitality applications. For more information, visit www.resort-recreation.com.

Low-flow Throne

In 2005, Eljer introduced the Titan toilet, a gravity-fed toilet using a one-of-a-kind design to ensure total bowl evacuation in one flush, every time. Requiring less maintenance by reducing the possibility of a clog, the Titan



line features an advanced flushing system using a combination of technology and forces of nature for efficient bowl cleansing. In addition, the streamlined trapway increases siphoning action to assist in completing

Reducing clogs means less maintenance.

single-flush bowl evacuation. A new triangular model is intended for corner installations.

Towels and Bedding

The adoption of a linen and towel reuse program is an effective measure that an increasing number of resorts feel comfortable offering their guests. Such programs are especially applicable to resort environments where most guests stay more than one night. According to John Stanley, president of Project Planet, a 100-guestroom property with 75 percent occupancy will save, conservatively, an estimated \$25,000 per year through a linen and towel reuse program. These cost savings are based on an 81,000-gallon reduction in water consumption plus a 540-gallon reduction in detergent.



Savings of up to 5 percent on utilities are possible with linen cards.

Ways to Save Water

- Switch to drought-tolerant landscaping or use a graywater irrigation system.
- Discontinue pre-setting water for banquet functions.
- Serve water in restaurants and via room service only when requested.
- Encourage reuse of towels.
- Recycle laundry water or use the last rinse water for the wash cycle of the next load.

Laundry Redo

Of course, back of the house efforts can pay off, too. Denali Park Resorts in Anchorage, Alaska, has adopted the Articlean Ozone Laundry System. Prior to the switch, the Denali Park Resorts laundry was at a crossroads with limited amounts of water, sewer and propane, yet increasing laundry poundage. The new system uses ozone to clean used laundry water, thus allowing for far more reuse of the water than before. Presently, 50 percent of all of the water in the wash process is being reused, averaging approximately one gallon of water used per pound of laundry processed. With the new system, the resort can wash twice the amount of linen with the same amount of water and sewer capacity. Plus, with the exception of table linen and cleaning rags, all hotel linen is washed in cold-ozonated water. This reduces the carbon footprint of the laundry by one half. 