

Bradley Lavatory System Contributes to Sustainable Design in Retail Restrooms

Until now, lavatory systems have used electricity and batteries to power the valves and start the flow of water to the fixture. The benefits of increased durability, ease of repair and integrated bowl surfaces in these handwashing fixtures far outweigh these potential drawbacks when compared to traditional china lavs.

As one major retailer is discovering, the new light-powered infrared sinks from Bradley Corporation allows facilities to "unplug" their lavatories, ultimately reducing maintenance and conserving natural

resources. Wal-Mart recently installed the new Express(r) Lavatory System powered by Indite Technology(tm) in its two experimental Supercenters located in Aurora, Colo. and McKinney, Texas.

The company is striving to reduce the amount of energy and natural resources required to operate and maintain stores, and use renewable and sustainable materials, when appropriate. Wal-Mart is evaluating the performance of Indite technology in the restrooms as one of dozens of experiments designed to reach their goal of building a new prototype

store that is 25-30 percent more efficient.

To conserve water, many public restrooms use electronically-controlled faucets that have infrared sensors which use electricity. Bradley lavatories with patent-pending Indite technology have photovoltaic cells integrated into the top of the lavatory

As one major retailer is discovering, the new light-powered infrared sinks from Bradley Corporation allows facilities to "unplug" their lavatories, ultimately reducing maintenance and conserving natural resources.

that collect restroom lighting (or solar lighting). The system is self-sustaining and provides a steady stream of power to the sensors and valves controlling activation.

Bradley designed the Express Lav System to give users plenty of personal space, yet the continuous bowl can accommodate up to three people at one time. With the look and feel of individual lavs, this complete handwashing system provides the economies and conveniences of a group fixture. The Express cuts down on installation time and costs, requires few connections and parts, and proves to be easy to clean and maintain.

Hot & Cold Low Pressure System

REPLACEMENT and STORAGE TANKS

4 to 500 gal. sizes...
for Boilers up to 300hp

- 11 gauge, 3/16" thick, Stainless and Rolled Steel Construction
- Standard and Custom Sizes
- 14" x 13"d. to 42" x 85"
- Boiler Returns, Pumps a Specialty

Rugged Quality, Lasting Dependability

www.remadrivac.com

Designer/Builders for 58 years



REMA DRI-VAC CORP.

45 Ruby Street, Norwalk, CT 06852 • Tel: (203) 847-2464 Fax: (203) 847-3609

Circle 40 on Reader Reply Card

Typical lavatory systems use lithium batteries which are considered hazardous waste in many areas and require special disposal.

“We know consumers have an aversion to public restrooms and we are continually developing products to help solve those problems,” said Jon Domnisse, director of marketing and product development for Bradley Corp. “Our products make handwashing easier and our new ndite technology makes restrooms greener, too.”

Typical lavatory systems use lithium batteries which are considered hazardous waste in many areas and require special disposal. Replacing a dead battery can cost upwards of \$400, and for some systems, this can add up to \$1,600 per fixture each year. Environmentally-friendly ndite technology not only eliminates these costs, but helps reduce the 2.5 billion pounds of batteries that are sent to landfills every year.

Along with waterless urinals, the Express Lavatory Systems is helping Wal-Mart conserve water in its restrooms. These units have infrared activation (like those that use batteries), which saves more than 30 percent of the overall water use of the fixture. Moreover, the low .5 gallon per minute (gpm) flow fixture ensures that the minimum amount of water is used during each handwashing.

Over the next several years, the retailer will be monitoring water and energy-saving measures in the restrooms and throughout its experimental Supercenters, and even will have real-time data on its Web site.

Beyond retail use, lavatories with ndite technology are ideal for specifying in schools, park and recreational facilities and other sustainable ‘green’ opportunities. The fixtures are a good solution for high-traffic washrooms with at least 400 lx of

lighting. Even in environments where lights may be off for up to five days, the system will maintain its charge and provide reliable operation.

For 85 years, Bradley Corporation has designed and manufactured commercial wash-fountains, and today is an industry leader for innovative plumbing fixtures, wash-room accessories, partitions, emergency fixtures and solid plastic lockers. Headquartered in Wisconsin, Bradley serves the commercial, industrial, health care, recreation, education, and corrections markets



Express® Lavatory systems with ndite technology™ have been installed in experimental Wal-Mart Supercenters in Aurora, Colo. and McKinney, Texas. These lavatories conserve water, reduce electricity and eliminate the need for batteries to power the valves.

worldwide. For more information, contact Bradley by telephone at (800) Bradley; by fax at (262) 251-5817; or visit their company Web site at www.bradleycorp.com.

Circle 91 on Reader Reply Card

ONLINE!

Visit us online!

TMB Publishing

Visit us online at today for access to a wealth of industry information, including archives of past columns and features, manufacturer profiles, industry links and more!

www.plumbingengineer.com

