WaterSense® Labeled

Flushometer-Valve Toilets

Flushometer-valve toilets are usually found in commercial, institutional, or industrial facilities. Switching to a WaterSense labeled flushometer-valve toilet could save a typical business nearly $1,000 over the lifetime of the toilet.

Flushometer-valve toilets, also known as flushometer-valve water closets in plumbing standards, are typically found in such places as airports, theaters, stadiums, schools, and office buildings. The water closet has two main components—the toilet bowl and the flushometer valve.

The U.S. Environmental Protection Agency (EPA) estimates that about 26 percent, or 7 million, of the 27 million flushometer-valve toilets currently installed in commercial and institutional facilities nationwide flush at volumes higher than the 1.6 gallons per flush (gpf) federal standard—some as much as 3.0 to 7.0 gpf.

SMART FLUSHING

EPA's specification sets the maximum flush volume for WaterSense labeled flushometer-valve toilets at 1.28 gpf, or 20 percent less water than the federal standard. The maximum flush volume applies to both single- and dual-flush toilets.

WaterSense has also incorporated a minimum flush volume of 1.0 gpf to ensure plumbing systems have adequate flow to function effectively. Facility managers should consult a plumbing engineer if they have questions about using WaterSense labeled flushometer-valve toilets in their building.

Valves and bowls can be tested and labeled separately or as a complete system. To ensure that the individual components can be used in combination to meet WaterSense's requirements for efficiency and performance, consult the product information provided by the manufacturer and choose a flushometer valve and toilet fixture that have compatible flush volumes, as indicated on the WaterSense website.

WATERSENSE SAVINGS

By replacing old, inefficient flushometer-valve toilets with WaterSense labeled models, a 10-story office building with 1,000 occupants can save nearly 1.2 million gallons of water and more than $10,000 in water costs per year. Of those savings, nearly 870,000 gallons of water and $7,600 in water costs per year can be achieved by replacing the toilets in the women's restrooms alone.

If commercial facilities nationwide replaced all of their older, inefficient flushometer-valve toilets with WaterSense labeled models, we could save nearly 39 billion gallons of water per year. That's equivalent to nearly one full day's flow of water over Niagara Falls!

LOOK FOR THE WATERSENSE LABEL

Like all WaterSense labeled products, flushometer-valve toilets are independently certified for performance and efficiency. For more information, visit www.epa.gov/watersense.