

# ***SMART RESTROOM SYSTEM***

***REDUCE FACILITY OPERATING COSTS,  
WHILE CONSERVING OUR NATURAL RESOURCES.***



***BETCO***®

# What is it?

## **SMART RESTROOM SYSTEM**

- Reduces water use.
- Aides in routine cleaning of restrooms.
- Assists in LEED and BOMA 360 certification.
- Improves tenant/occupant satisfaction with Clario Skin Care and Air Care.



Cleaning Innovations That Matter.

# Smart Restroom

## SMART RESTROOM SYSTEM



At the heart of Betco's Smart Restroom System, is our latest innovation, the **SmartValve**. This lockable, patent pending, flush valve turns most any urinal with a standard or automatic flush mechanism into a water free urinal avoiding costly tear-outs of existing urinals and installation of water free urinals. That's why we say **"THE BEST WATER CONSERVING URINALS ARE THE URINALS YOU ALREADY HAVE!"**

The SmartValve pays for itself in a matter of months and facilitates restroom cleaning when compare to cleaning and maintaining water free urinals. So start saving today on your building's operating cost, and conserve our natural resources with the Betco Smart Restroom System!



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# Smart Valve

## SMART RESTROOM SYSTEM

### *Elegant, Simple and Easy*

### SmartValve® Manual or Auto Meets Needs for:

- Water & sewer cost savings of \$200 to \$600 per year, per urinal.
- Low installation & operating costs
- Ease of cleaning the urinal vs. water free urinals  
[http://www.sloanvalve.com/Our\\_Products/WES-1000\\_Waterfree\\_Urinal.aspx](http://www.sloanvalve.com/Our_Products/WES-1000_Waterfree_Urinal.aspx)
- Keeping DWV pipes clear & clean
- Eliminate bio-hazard handling
- Replaces existing Flush Handle

### Easy to Install

- [Installs in a few minutes](#)
- No special tools or water shut-off required.



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# Conserves Natural Resources

## SMART RESTROOM SYSTEM

### Smart Valve® Manual

- Simple lock and key system for custodians to flush

### Smart Valve® Auto

- Timed programmable flush system (2hr, 4hr, 6hr or 8hr options)
- **Sleep Mode** for extended periods of non-use
- Custodian keyed push button override

### Aerators

- Save 50% to 70% on water use over standard faucets.
- Reduces water heating cost and carbon footprint to heat water.



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## LEED Water Efficiency 2.0

- Earn up to 5 points for 70% reduction in water usage.



## BOMA 360

- Follow LEED Guidelines



# Cost Calculator

# SMART RESTROOM SYSTEM



## Smart Valve Water Savings Comparison

Number of Urinals	2
Number of Male Employees	50
Number of Male Visitors Daily	5
Gallons per Flush per Urinal	1 gpf
Days of Operation for Facility	260 days
Combined Water and Sewer Rate	\$7.00 per ccf
Are Urinal Blocks, or Urinal Screens being used?	Yes
Number of Urinal Blocks, or Urinal Screens used per year per Urinal	12
Urinal Block Cost	
Urinal Screen Cost	\$5.00
Frequency of Cleaning per Day	1
Number of Flushes per Cleaning	2
Automated Flushing System Battery Replacement Costs (annually)?	\$15.00



Fill out this section

## Urinal Systems Comparison

Side-by-Side Cost Analysis Assumptions	Standard 1.0 gpf Urinal	BETCO SMART VALVE	Water Free Urinal (cartridge type)
Gallon Per Flush	1.000	1.000	0.000
Typical Uses per day/per male employee	4	4	4
Typical Uses per day/per male visitor	1	1	1
Total Uses per Day	205	205	205
Total Flushes per Urinal/Day	104.5	2	0
Combined Water/Sewer Rate per ccf	\$7.00	\$7.00	\$7.00
Cost per Urinal Block, Urinal Screen or Cartridge	\$5.00	\$7.00	\$40.00
Cost - Locking Assembly/ Water Free Urinals	-	\$124.95	\$350.00
Days of Operation per year	260	260	260
Total Uses per year	53,300	53,300	53,300



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# The Smart Screen

## SMART RESTROOM SYSTEM

### Smart Screen™ w/bioactive enzymes

- Reduces odors during daily use
- Screen replaced every 30 days or when the Block dissolves – whichever comes first
- 4 Fragrances: Ocean Breeze, Floral Fresh, Citrus Bouquet, Forest Green (Lavender)

### Bio-Active Enzymatic Block

- Biodegradable chelating agents and 4 non-pathogenic bacteria which produce enzymes that are designed to quickly breakdown uric and water scale
- Block components chemically bond to malodors including sulfur and ammonia compounds rendering them odorless and non-toxic



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# Barrier Fluid

**SMART RESTROOM  
SYSTEM**

- Use with waterless urinals
- Use with flushing urinals
- Use in restroom drains
- Available in 5 complimentary fragrances
  - Ocean Breeze, Citrus Bouquet, Floral Fresh, Forest Green (Lavender), & Neutral
- Comes with a dilution control proportioner



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With the savings . . . Save Even More!

**SMART RESTROOM  
SYSTEM**

## Clario® Skin Care

- Save up to 60% over other leading national brands.
- Build firm's brand with custom logo program.



## Clario® Air Care

- Increase tenant satisfaction with matched odor counteracting system.
- Four (4) complimentary fragrances.



# Smart Urinal Cleaner

**SMART RESTROOM  
SYSTEM**

- Specifically Designed for Urinal Cleaning
- Blue, Clinging Formula
- Complimentary Fragrance
- 2x Cleaning Power for Tough Uric Scale Build-up
- Use on Internal and External Urinal Surfaces
- Comes with a Trigger Spray and Bowl Swab



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# SRS Install/ Test Locations



**Tinker Air Force Base**



# Smart Restroom Elements

**SMART RESTROOM  
SYSTEM**



## Smart Restroom System Elements System Offering:

**Smart Combo Pack** – 1 SmartValve® (Manual or Auto), 3 SmartScreens, 1 Tech Guide and 1 End User Decal

**SmartScreen®** – w/Bioactive Enzyme Block, (72 per case)

**Urinal Barrier Fluid** – 6 qts. per case with proportioner

**Smart Urinal Cleaner** – 6 qts. Per case with Trigger Spray and Bowl Swab

**Aerator** – Low Flow Aerator – 0.5gpm, 1 per bag

**Clario Air Care** – products, and dispensers

**Clario Skin Care** – products and dispensers



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# ***SMART RESTROOM SYSTEM***

***REDUCE BUILDING OPERATING COSTS,  
WHILE CONSERVING OUR NATURAL RESOURCES.***

Questions?

