

TOTO®



totology



# *I want*

**PERFORMANCE WITH PURPOSE.**

**DESIGN WITH A CONSCIENCE.**

**INNOVATION WITH A HEART.**

**QUALITY YOU CAN FEEL.**

Today, most bath products do their job pretty well. But just showing up for work isn't enough anymore. You want fixtures that save money and water without sacrificing an ounce of performance. And the peace of mind that comes from knowing you bought a brand that sets the standards for world-class performance, enduring quality and reliability. And, of course, you want fixtures that can do it all with effortless beauty. That's what TOTO is really all about – connecting you with water in ways that enrich the flow of your everyday life. It's our passion. It's our mission. And it's pure TOTO.

## ENDURING QUALITY

All TOTO products pass multiple performance tests to ensure quality, reliability and customer satisfaction. But what really matters is knowing that you'll feel just as good about your decision to buy TOTO next year, and the years after, as you do today.

## WORLD-CLASS PERFORMANCE

With more "firsts" than anyone else, TOTO leads the world in innovating products that simply perform better. That means peace of mind, knowing that your TOTO fixtures will perform at the highest level, day in and day out, year after year, and look beautiful doing it.



## ENLIGHTENED DESIGN

TOTO showers, toilets and faucets can save 20-63% on water usage bills. You use less water and save money without losing an ounce of performance. And TOTO is the only plumbing manufacturer to receive the EPA's Water Efficiency Leader Award.

## REAL HUMAN VALUE

The day you install TOTO is the day you start saving with TOTO. Because with every use, you save money and water, while gaining something of real human value – the confidence that comes with buying the right product for all the right reasons.

**TOTO®**  
*you + water*





# totology

---

TOTO's mission is to deliver world-class, reliable and eco-friendly performance, but more importantly, to deliver products that improve your quality of life. Our core values and commitment to conservation and sustainability are part of our DNA and is at the heart of everything we do. We call this commitment **totology**.

All aspects of TOTO's business illustrate **totology** and are evident in our product design, sustainable manufacturing processes and recycling programs. Our goal is to design products that support the way you live and part of that commitment includes socially sustainable design practices.

For us, social sustainability encompasses several factors, including product design and the environmental impact of those products. We design products for all ages, abilities and design sensibilities , and our high-efficiency products save water and money. Products that perform more effectively and save water help promote a cleaner environment and simply make your life easier.

Every time you use a TOTO product we want you to feel confident that it will perform to the highest level, last for years to come and that you are saving a little bit of our future at the same time. That's real human value. That's TOTO.

## Feature Icons

Our icon system makes it easy for you to identify the exclusive TOTO features found in our products.



### **Double Cyclone®**

Double cyclone indicates the cleanest and most powerful flushing system for HETs available on the market today.



### **E-Max®**

E-Max indicates high performance, HET flushing technology with a wide flush valve, large trapway and extra-large syphon jet.



### **G-Max®**

G-Max indicates a flawless, quiet and powerful flushing system with gravity-fed boost to performance.



### **Dual-Max®**

Dual Max indicates a dual flushing system that optimizes conservation by allowing you to select 0.9 or 1.6 GPF.



### **SanaGloss®**

SanaGloss glaze prevents debris, mold and bacteria from sticking to ceramic surfaces, leading to fewer chemicals and less water in cleaning.



### **EcoPower®**

EcoPower indicates sensor faucets and sensor Flushometer valves that are powered by flowing water.



### **SMA Thermostatic Valve Technology**

Thermostatic valve that features Shape Memory Alloy (SMA) technology for reliability and maintaining consistent water temperature.



### **Skirted Design**

Skirted Design indicates toilets featuring TOTO's 10", 12", and 14" Unfit Rough-In and concealed trapway design.



### **Universal Height**

Universal Height indicates toilets that allow for a more comfortable position across a wide range of users.



### **ADA**

Product complies with Americans with Disabilities Act accessibility guidelines.



### **WaterSense<sup>sm</sup>**

Products that meet the EPA standards for water efficiency and performance criteria. Toilets are 1.28 GPF or less. Faucets are 1.5 GPM.

## High-Efficiency Toilets: Efficiency Plus Performance



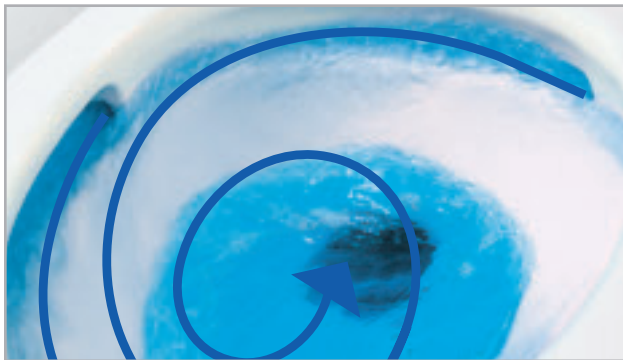
TOTO's rigorous flushing performance testing methods go beyond compliance and beyond industry standards, ensuring outstanding one-flush performance and true water savings.

### **Balanced Flush**

TOTO practically invented high-efficiency flushing systems, and we have always stressed how important it is to offer a balanced system. Many competitors simply change a fill valve or trapway size to reduce water flow, leaving you the option to flush again--or deal with the dirty consequences.

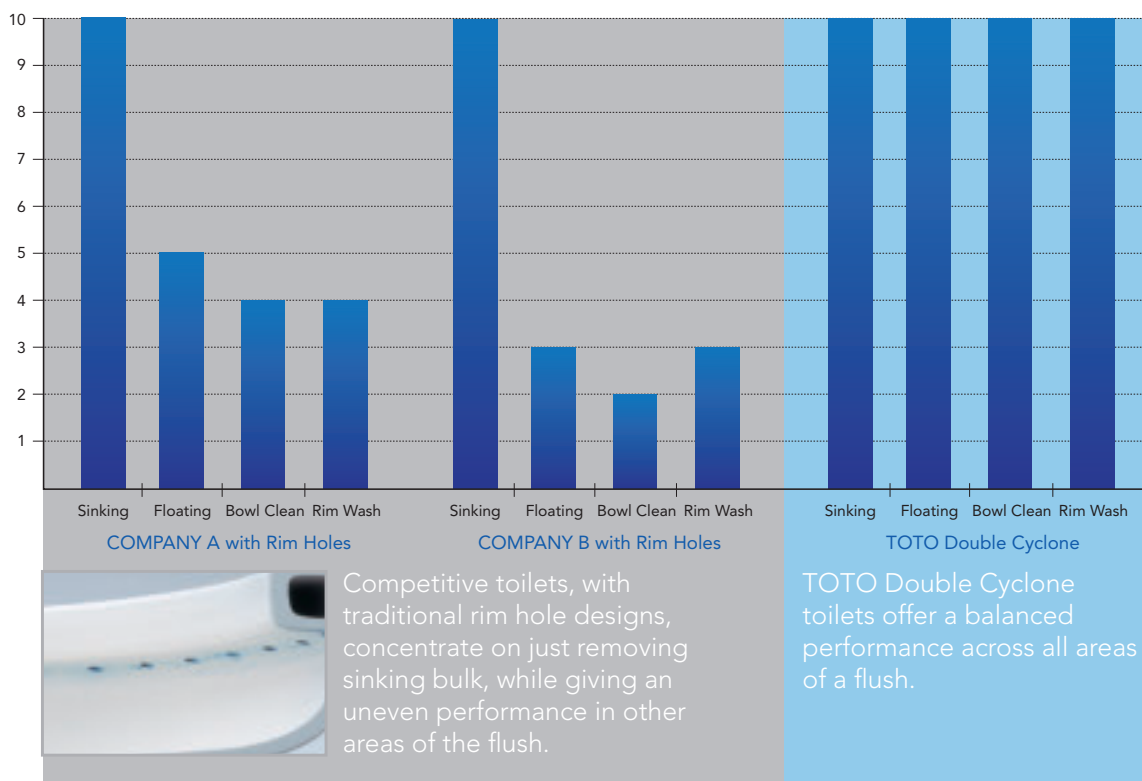
At TOTO, the toilet design, flushing mechanisms, water motion, glazing method and even the way that water moves are all taken into account. Our engineers optimize each flushing system to find the best balance of all components for better performance, improved reliability and ultimately, your complete satisfaction with one of the most important products in the home.

# Superior Balanced Flushing System



- **BALANCED FLUSHING** for real life, real people. Double Cyclone technology flushes all types of waste, not just sinking waste.
- **WATER SAVINGS**  
TOTO's rigorous flushing performance testing methods go beyond compliance and beyond industry standards, ensuring outstanding one-flush performance and true water savings.
- **REDUCTION OF BACTERIA**  
By the elimination of rim holes, bacteria doesn't have as many places to hide.
- **EASY TO CLEAN**  
No rim holes mean the interior of the bowl is smooth and ideal for easy cleaning.
- **SANAGLOSS** glaze seals the china creating a uniform smooth surface; debris and waste particles simply rinse away with each use, which means your SanaGloss fixtures stay cleaner longer.

## BULK IS ONLY ONE MEASUREMENT OF PERFORMANCE





## Double Cyclone: Superior Balanced Flushing



**CYCLONE®**  
FLUSHING SYSTEM BY TOTO



### Double Cyclone®

Can a better flush actually improve your quality of life? The Double Cyclone system helps with cleaning, saves water and money, and makes every flush count. Such quality and performance leads to customer satisfaction, and yes, even makes your life easier. Using only 1.28 gallons per flush (GPF), Double Cyclone high-efficiency toilets accomplish with one flush what most toilets cannot do with multiple flushes. Avoid unsightly toilet stains, save on your water bill, help the environment and best of all, gain peace of mind.

To maximize cleaning, Double Cyclone uses two high-speed water nozzles, instead of traditional rim holes, to propel the water around the rim. By eliminating the rim holes, debris and bacteria have fewer places to collect and the 360 degrees of cleansing action greatly reduces the time needed to clean.

# Innovation for High-Efficiency



**E-MAX**  
FLUSHING SYSTEM BY TOTO



## **E-Max®**

Unlike pressure assist toilets that can be noisy and require complex moving parts, our quiet E-Max system provides a consistent, powerful flush every time. That means you can be confident that your TOTO toilet will perform at the highest level with each flush.

The E-Max flushing system is yet another example of world-class performance engineered by TOTO. Using the same proven technology as our 1.6 GPF G-Max system, our innovative E-Max system offers an effective flush with a 20% water savings. The combination of a wide 3" flush valve with a large glazed trapway and extra-large siphon jet removes waste using an eco-friendly 1.28 GPF.



**DUALMAX**  
FLUSHING SYSTEM BY TOTO



## **Dual-Max®**

The TOTO Dual-Max flushing system leads the way in dual-flush technology. Designed with the user in mind, this system lets you choose the appropriate amount of water to fit your needs. Select from 0.9 GPF for liquid waste or 1.6 GPF for solid waste. While other dual-flush toilets sacrifice either performance or conservation, TOTO called upon years of engineering supremacy to optimize all aspects within the Dual-Max system.

A balanced approach in designing the bowl and trapway, coupled with flushing mechanisms that raise the bar in both water conservation and flushing performance earned these products EPA WaterSense certification labels. Dual-Max toilets let you feel good about your decision to use less water and save money without sacrificing an ounce of performance.



**SanaGloss**



## **SanaGloss®**

We developed SanaGloss technology with one simple purpose in mind: to help keep your bathroom effortlessly clean. Available exclusively through TOTO, our SanaGloss glaze seals the china with an ionized barrier, creating a uniform and consistently smooth surface.

Unable to cling to the super-fine ceramic glaze, debris and waste particles simply rinse away with each use, which means your Sanagloss fixtures stay cleaner longer. When cleaning day arrives, you'll use less water and harsh chemicals and spend less time scrubbing.

# Innovation for High-Efficiency



**E-MAX**  
FLUSHING SYSTEM BY TOTO



## **E-Max®**

Unlike pressure assist toilets that can be noisy and require complex moving parts, our quiet E-Max system provides a consistent, powerful flush every time. That means you can be confident that your TOTO toilet will perform at the highest level with each flush.

The E-Max flushing system is yet another example of world-class performance engineered by TOTO. Using the same proven technology as our 1.6 GPF G-Max system, our innovative E-Max system offers an effective flush with a 20% water savings. The combination of a wide 3" flush valve with a large glazed trapway and extra-large siphon jet removes waste using an eco-friendly 1.28 GPF.



**DUALMAX**  
FLUSHING SYSTEM BY TOTO



## **Dual-Max®**

The TOTO Dual-Max flushing system leads the way in dual-flush technology. Designed with the user in mind, this system lets you choose the appropriate amount of water to fit your needs. Select from 0.9 GPF for liquid waster or 1.6 GPF for solid waste. While other dual-flush toilets sacrifice either performance or conservation, TOTO called upon years of engineering supremacy to optimize all aspects within the Dual-Max system.

A balanced approach in designing the bowl and trapway, coupled with flushing mechanisms that raise the bar in both water conservation and flushing performance earned these products EPA WaterSense certification labels. Dual-Max toilets let you feel good about your decision to use less water and save money without sacrificing an ounce of performance.



**SanaGloss**



## **SanaGloss®**

We developed SanaGloss technology with one simple purpose in mind: to help keep your bathroom effortlessly clean. Available exclusively through TOTO, our SanaGloss glaze seals the china with an ionized barrier, creating a uniform and consistently smooth surface.

Unable to cling to the super-fine ceramic glaze, debris and waste particles simply rinse away with each use, which means your Sanagloss fixtures stay cleaner longer. When cleaning day arrives, you'll use less water and harsh chemicals and spend less time scrubbing.









# High-Efficiency Toilets

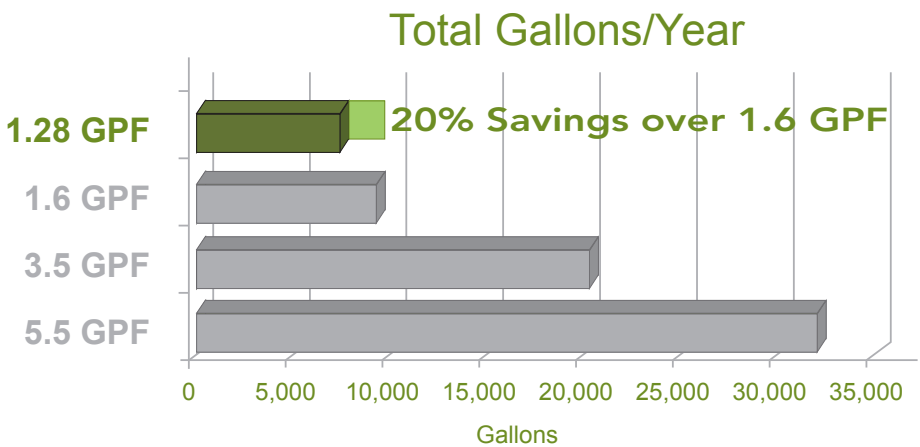
For TOTO, delivering unmatched, eco-friendly performance for the best customer satisfaction is a way of life. Our high-efficiency toilets (HETs) give you a clear choice for superior performance and something we all want, peace of mind that we own the best product for our homes.

TOTO HETs use only 1.28 GPF which is 20% less water than traditional 1.6 GPF toilets - saving water and money without sacrificing an ounce of performance.

## TOTO High-Efficiency Toilet Water Savings:

The average American flushes five times a day at home.

Assuming an average household of 3.2 people over 365 days.



# One-Piece High-Efficiency Toilets

## Eco Guinevere®

MS974224CEFG



- Elongated front bowl
- SS224 seat included

## Eco Soirée®

MS964214CEFG



- Elongated front bowl
- SS214 seat included

## Aimes®\*

MS626214CEFG



- Elongated front bowl
- SS214 seat included

## Carolina® II

MS644114CEFG



- Elongated front bowl
- SS114 seat included

## Carlyle® II

MS614114CEFG



- Elongated front bowl
- SS114 seat included

## Neorest 550

MS980CMG



- Elongated front bowl
- Built-in Washlet functionality

## Supreme® II

MS634114CEFG



- Elongated front bowl
- SS114 seat included

## Ultramax® II

MS604114CEFG



- Elongated front bowl
- SS114 seat included

## Eco Lloyd®

MS934304CEFG



- Elongated front bowl
- SS304 seat included

**Eco Lloyd®**  
MS934214CEFG



- Elongated front bowl
- SS214 seat included

**Eco Supreme®**  
MS864114E(L)



- Elongated front bowl
- SS114 seat included
- Available in ADA and Non-ADA heights
- Not available in Ebony #51

**Eco Supreme®**  
MS863113E



- Round front bowl
- SS113 seat included
- Not available in #51 Ebony

**Eco Ultramax®**  
MS854114E(L)(G)



- Elongated front bowl
- SS114 seat included
- Available in ADA and Non-ADA heights
- Available in SanaGloss and Non-SanaGloss

**Eco Ultramax®**  
MS853113E



- Round front bowl
- SS113 seat included

**Aquia Wall-Hung**  
CT418FG



- Elongated front bowl
- Can be mounted at ADA height
- Seat not included



**DOUBLE CYCLONE®**

Double cyclone indicates the cleanest and most powerful flushing system for HETs available on the market today.



**E-MAX®**

E-Max indicates high performance, HET flushing technology with a wide flush valve, large trapway and extra-large syphon jet.



**G-MAX®**

G-Max indicates a flawless, quiet and powerful flushing system with gravity-fed boost to performance.



**DUAL-MAX®**

Dual Max indicates a dual flushing system that optimizes conservation by allowing you to select 0.9 or 1.6 GPF.



**SANAGLOSS®**

SanaGloss glaze prevents debris, mold and bacteria from sticking to ceramic surfaces, leading to fewer chemicals and less water in cleaning. (not available on #51 Ebony)



**SKIRTED DESIGN**

Skirted Design indicates toilets featuring TOTO's 10", 12", and 14" Unfit Rough-In and concealed trapway design.



**UNIVERSAL HEIGHT**

Universal Height indicates toilets that allow for a more comfortable position across a wide range of users.



**ADA**

Product complies with Americans with Disabilities Act accessibility guidelines.



**WATERSENSE<sup>sm</sup>**

Products that meet the EPA standards for water efficiency and performance criteria. Toilets are 1.28 GPF or less. Faucets are 1.5 GPM.

# Two-Piece High-Efficiency Toilets

## Vespin® II

CST474CEF(G)



- Elongated front bowl
- Available in SanaGloss and Non-SanaGloss
- Seat sold separately

## Drake® II

CST454CEFG



- Elongated front bowl
- Seat sold separately
- Available in SanaGloss and Non-SanaGloss

## Eco Nexus®

CST794EF



- Elongated front bowl
- Seat sold separately

## Eco Clayton®

CST784EF



- Elongated front bowl
- Seat sold separately

## Eco Dartmouth®

CST754EF



- Elongated front bowl
- Seat sold separately

## Eco Whitney®

CST754EFN



- Elongated front bowl
- Seat sold separately

## Eco Promenade®

ST424EF(G)



- Elongated front bowl
- Available in SanaGloss and Non-SanaGloss
- Seat sold separately

## Eco Promenade®

CST423EF(G)



- Round front bowl
- Available in SanaGloss and Non-SanaGloss
- Seat sold separately

## Eco Drake®

CST744E(L)(G)



- Elongated front bowl
- Seat sold separately

### Eco Drake®

CST744EF.10



- Elongated front bowl
- Seat sold separately
- 10" Rough-in

### Eco Drake®

CST743E



- Round front bowl
- Seat sold separately

### Aquia III Dual Flush Toilet

CST464MF



- Elongated front bowl
- Seat sold separately

### Aquia® Dual Flush Toilet

CST412MF(.10)



- Elongated front bowl
- Seat sold separately
- 12" or 10" Rough-in available

### Aquia II Dual Flush Toilet

CST416M



- Elongated front bowl
- Seat sold separately



#### DOUBLE CYCLONE®

Double cyclone indicates the cleanest and most powerful flushing system for HETs available on the market today.



#### E-MAX®

E-Max indicates high performance, HET flushing technology with a wide flush valve, large trapway and extra-large syphon jet.



#### G-MAX®

G-Max indicates a flawless, quiet and powerful flushing system with gravity-fed boost to performance.



#### DUAL-MAX®

Dual Max indicates a dual flushing system that optimizes conservation by allowing you to select 0.9 or 1.6 GPF.



#### SANAGLOSS®

SanaGloss glaze prevents debris, mold and bacteria from sticking to ceramic surfaces, leading to fewer chemicals and less water in cleaning. (not available on #51 Ebony)



#### SKIRTED DESIGN

Skirted Design indicates toilets featuring TOTO's 10", 12", and 14" Unfit Rough-In and concealed trapway design.



#### UNIVERSAL HEIGHT

Universal Height indicates toilets that allow for a more comfortable position across a wide range of users.



#### ADA

Product complies with Americans with Disabilities Act accessibility guidelines.



#### WATERSENSE<sup>sm</sup>

Products that meet the EPA standards for water efficiency and performance criteria. Toilets are 1.28 GPF or less. Faucets are 1.5 GPM.





With the touch of a button, a nozzle extends from under the seat for soothing warm-water cleansing. Water temperature can be set between 86° and 104°F.



Users can set the water from the nozzle to pulsate or oscillate during use for maximum comfort and cleaning.



Enjoy the ease and comfort of hands-free drying with the temperature-adjustable warm-air dryer.



The specially designed, contoured seat is heated to provide maximum comfort. An integrated sensor maintains the desired setting between 86° and 104°F.



The self-cleaning function cleans and sanitizes the entire antibacterial nozzle before and after each use.



The SoftClose lid closes gently to eliminate seat slamming, and the S400 model lid is activated by sensors for automatic opening.

When it comes to comfort, hygiene and the personal satisfaction of feeling clean, the TOTO Washlet is the ultimate personal care system. Another example of TOTO's commitment to social sustainability, the Washlet incorporates universal design principles making it easy to use by all age groups and abilities. It uses pure clean water and multiple cleansing modes to keep you feeling fresh and rejuvenated. And using it couldn't be easier - just reach for the remote and select the area you want to wash. It even has a heated seat and warm air dryer plus many other features to pamper you beyond measure.

## Washlet S400

SW564T695 (Elongated)  
SW563T695 (Round)



- Auto flush activated by sensors or the simple touch of a button on select models
- Auto open and close lid activated by sensors or the simple touch of a button
- Automatic air purifier
- Warm air dryer
- Heated SoftClose seat with temperature control
- Soothing, aerated warm-water wash
- Energy saver feature
- For use with specific TOTO toilet models only

## Washlet S300

SW554 (Elongated)  
SW553 (Round)



- Convenient remote control with large LCD panel
- Automatic air purifier
- Warm air dryer
- Heated SoftClose seat with temperature control
- Soothing, aerated warm-water wash
- Energy saver feature

## Washlet E200

SW844 (Elongated)  
SW843 (Round)



- Convenient remote control
- Warm air dryer
- Heated SoftClose seat with temperature control
- Soothing, aerated warm-water wash
- Energy saver feature

## Washlet C110

SW524 (Elongated)  
SW523 (Round)



- Convenient activation panel
- Self-cleaning dual-action spray
- Streamlined water wand
- Heated SoftClose seat with temperature control
- Soothing, aerated warm-water wash
- Energy saver feature

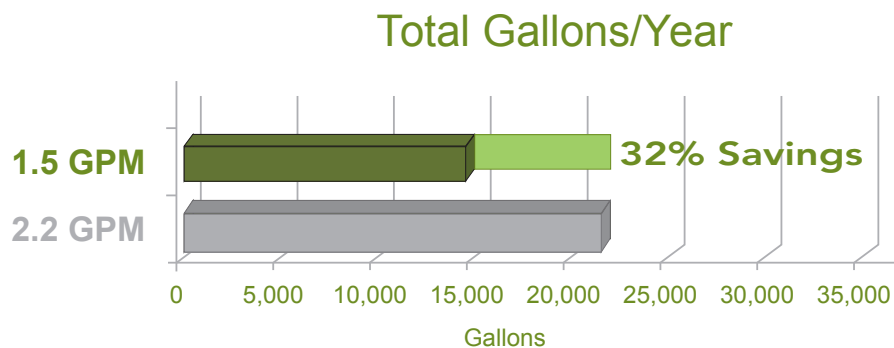


## 1.5 GPM High-Efficiency Faucets

Style with substance—that's TOTO's design philosophy when it comes to high-efficiency bath fixtures. Our High-Efficiency Faucets (HEF) use only 1.5 GPM, and because they are WaterSense certified, you can be sure they meet the EPA's efficiency and performance criteria. With styles that range from contemporary to traditional, TOTO HEFs save water and money and look beautiful doing it.

### TOTO High-Efficiency Faucet Water Savings:

Using only 1.5 GPM saves you 30% on water usage/bills over common 2.2 GPM models.



Based on a daily per capita usage of 8.1 minutes.

Assuming an average household of 3.2 people over 365 days.

# 1.5 GPM High-Efficiency Faucets

## Aimes® Widespread Lavatory Faucet\*\*

TL626DD



## Kiwami® Renesse® Widespread Lavatory Faucet

TL170DDLQ, TL170DDALQ



## Kiwami Renesse Single-Handle Lavatory Faucet

TL170SDLQ, TL170SDALQ



## Guinevere Widespread Lavatory Faucet

TL970DDLQ



## Guinevere® Widespread Lavatory Faucet

TL970DD1LQ



## Guinevere® Single-Handle Lavatory Faucet

TL970SDLQ



## Soirée® Widespread Lavatory Faucet

TL960DDLQ



## Soirée Single-Handle Lavatory Faucet

TL960SDLQ



## Lloyd® Widespread Lavatory Faucet\*

TL930DDL, TL930DDLQ



## Nexus® Widespread Lavatory Faucet

TL794DDL, TL794DDLQ



## Aquia Single-Handle Lavatory Faucet\*\*

TL416SD



## Aquia® Single-Handle Lavatory Faucet - Vessel\*\* TL416SDH



## Upton Single-Handle Lavatory Faucet\*\*

TL630SD



## Upton Single-Handle Lavatory Faucet - Vessel\*\* TL630SDH



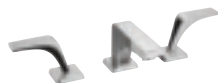
\* WaterSense certification pending.

\*\* Available 4th quarter 2010.



**Ethos™ Design C  
Widespread Lavatory Faucet**

TL680DDL



**Ethos Design C  
Single-Handle Lavatory Faucet**

TL680SDL



**Ethos Design L  
Widespread Lavatory Faucet**

TL660DDL



**Ethos Design L  
Single-Handle Lavatory Faucet**

TL660SDL



**Ethos Design N I  
Widespread Lavatory Faucet**

TL670DDL



**Ethos Design N I  
Single-Handle Lavatory Faucet**

TL670SDL



**Ethos Design N II  
Widespread Lavatory Faucet\***

TL690DDL



**Ethos Design N II  
Single-Handle Lavatory Faucet**

TL690SDL



**Po®  
Single Lever Lavatory Faucet**

TL380SWL



**Clayton®  
Widespread Lavatory Faucet**

TL784DDL



**Mercer®  
Widespread Lavatory Faucet**

TL756DDL



\* WaterSense certification pending.



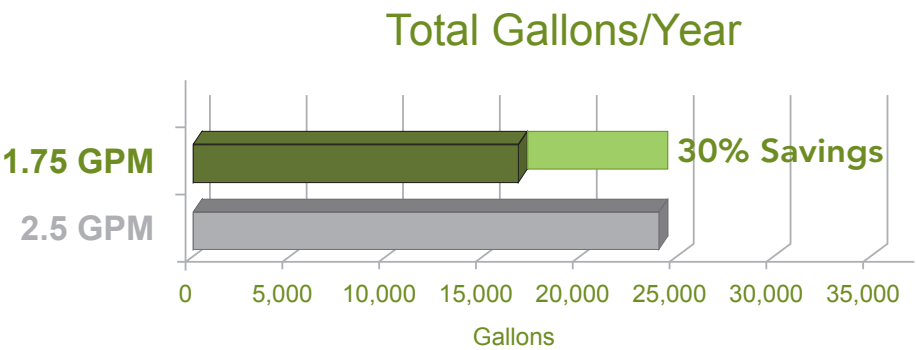
# High-Efficiency Shower Products

No other space in your home is as personal as your shower, and no other product allows you to indulge your individuality as TOTO High-Efficiency Showers (HES).

Our HES products include all you need to customize your experience and feel relaxed and rejuvenated. TOTO offers a variety of styles and configurations to make your home stylish as well. And by offering a 30% water savings, you can feel good about your decision.

## TOTO High-Efficiency Shower Water Savings:

Using only 1.75 GPM saves you 30% on water/usage bills over common 2.5 GPM models.



Based on a daily per capita usage of 8 minutes. Assuming an average household of 3.2 people over 365 days.

\*Source: Consumer Report May 22, 2007

# High-Efficiency Shower Products

**Guinevere®  
Showerhead**

TS970AL



**Guinevere®  
Handshower Set with Lever**

TS970F1L



**Guinevere®  
Handshower Set**

TS970F2L



**Soirée®  
Showerhead**

TS960AL



**Soirée®  
Handshower Set with Lever**

TS960F1L



**Soirée®  
Handshower Set**

TS960F2L



**Rain  
Showerhead 11"**

TS100BL



**Square Rain  
Showerhead 10"**

TS100B1L



**Lloyd® Rain  
Showerhead 8"**

TS930A1L



**Trilogy®  
Showerhead**  
TS100AL



**Trilogy®  
Multi-function Handshower Set**  
TS100F2L



**Nexus®  
Showerhead**  
TS794AL



**Lloyd®  
Showerhead**  
TS930AL



**Mercer®  
Showerhead**  
TS756AL



**Clayton®  
Showerhead**  
TS784AL



**Guinevere®  
Bodyspray**  
TS970J



**Soirée®  
Bodyspray**  
TS960J



**Gyrostream\*  
Bodyspray\*\***  
TS100J



\*Available 4th quarter 2010.  
\*\* Flow rate 0.9





## High-Efficiency Commercial Products

In today's fast paced world, performance and reliability mean everything. And when it comes to busy commercial buildings, TOTO products are the only choice. Our line of commercial high-efficiency toilets and urinals (HETs and HEUs) are designed to work with our EcoPower flush valves to deliver the most water and energy savings and highest performance possible.

TOTO Clean Dry hand dryers and sensor operated soap dispensers are a stylish addition to any commercial building or hospitality installation. Both are sensor operated and ADA Compliant and are just another example of TOTO's commitment to performance, conservation and of course, complete customer satisfaction.



### Sensor Operated TOTO Soap Dispenser



TES1ADC-05 (Single spout)  
 TES2ADC-05 (2 spouts)  
 TES3ADC-05 (3 spouts)  
 TES3ADC-12 (3 spouts)  
 TES4ADC-12 (4 spouts)  
 TES5ADC-12 (5 spouts)  
 TES6ADC-12 (6 spouts)

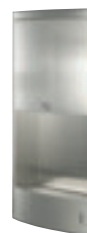
### High Speed Hand Dryer

HDR100#GY



### High Speed Concealed Hand Dryer

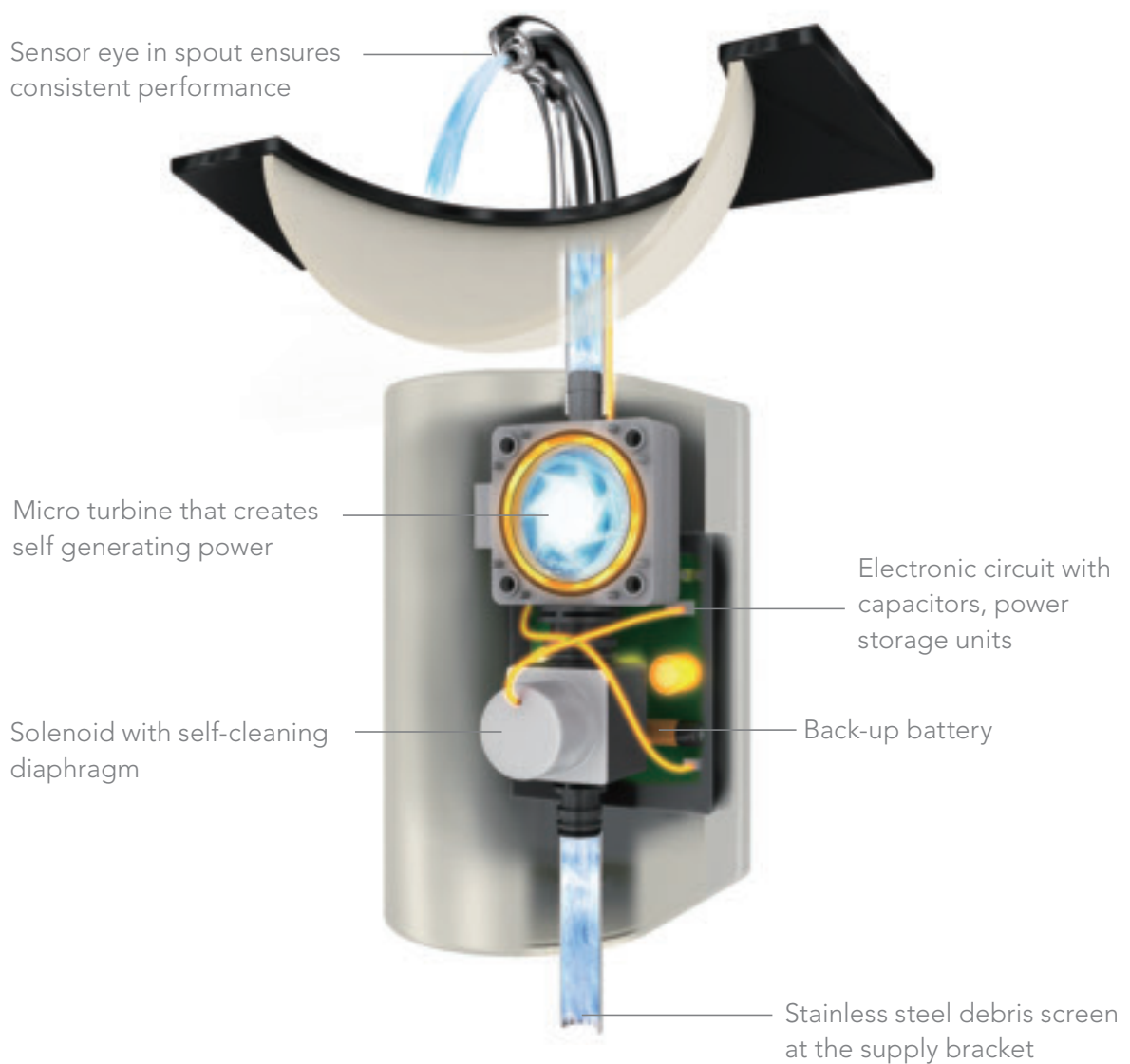
HDR100#GY



# EcoPower® Technology

Engineered to require no electricity or routine battery replacement, EcoPower technology is the perfect marriage of hands-free operation, low maintenance, easy installation and ecology.

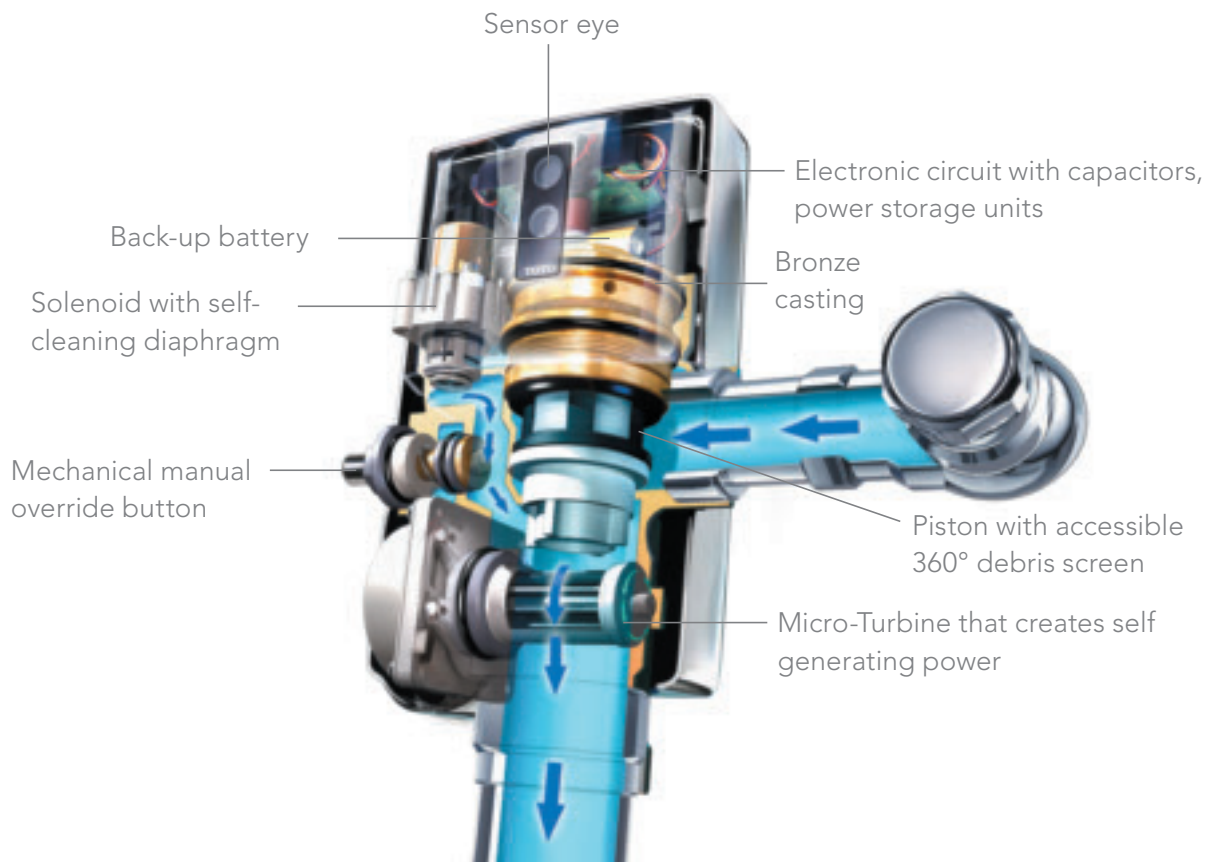
## EcoPower Faucet



Found only in TOTO sensor faucets and flush valves, EcoPower products are powered by water, a truly sustainable form of energy. No changing batteries that end up in landfills and no downtime required to install power supplies and wiring. Automatic water shut-off functionality in the faucets and the self cleaning 360° debris screen in the flush valves reduce maintenance costs for common problems such as continuous running, flooding and water waste.

EcoPower technology saves energy and provides maximum performance in even the most demanding, high-traffic commercial spaces, making TOTO EcoPower faucets and flush valves a perfect conservation solution or LEED option.

## EcoPower Flush Valve



# High-Efficiency Commercial Toilets & Urinals

Eco-friendly, superior performing flushing is easy to achieve with TOTO's 1.28 GPF high-efficiency commercial toilets and urinals. When combined with flushometer valves, our HEUs use an average of 0.5 GPF and the commercial HETs can use as little as 1.28 GPF. Enjoy tremendous water savings without the maintenance and sanitary drawbacks that can be associated with waterless urinals.

## Wall-Hung

CT708E(V)(G)



- Available in SanaGloss and Non-SanaGloss
- Available Top Spud inlet and Back Spud inlet

## Floor-Mounted

CT705EN(G)



- Available in SanaGloss and Non-SanaGloss

## Floor-Mounted (ADA)

CT705ELN(G)



- Available in SanaGloss and Non-SanaGloss

## Urinal

UT104E(V)



- Available Top Spud inlet and Back Spud inlet

## Urinal

UT447E(V)



- Available Top Spud inlet and Back Spud inlet



# EcoPower® Sensor Flushometer Valves

Our EcoPower sensor flushometer valves (EFV) are engineered to deliver optimal performance while helping to save energy and reduce routine maintenance costs. Our EFVs offer a self-cleaning 360° debris screen and an improved piston valve, which reduces common commercial bathroom problems. EcoPower's advanced hands-free technology ensures a more sanitary environment and when combined with a TOTO urinal or commercial toilet, can offer up to 80% water savings.

## Exposed EFV 1.28 GPF for High-Efficiency Toilets



TET1LN#CP (Valve Only)  
TET1LN32#CP (Valve Only with 1-½" Vacuum Breaker Kit)

## Exposed EFV 1.28 GPF (24" Ht.) for High-Efficiency Toilets



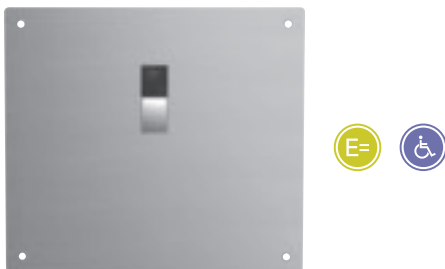
TET6LN#CP (Valve Only)  
TET6LN32#CP (Valve Only with 1-½" Vacuum Breaker Kit, 24" Long Kit)

## Exposed EFV 0.5 GPF for High-Efficiency Urinals



TEU1LN#CP (Valve Only)  
TEU1LN12#CP (Valve Only with ¾" Vacuum Breaker Kit)  
TEU1LN22#CP (Valve Only with 1-¼" Vacuum Breaker Kit)

## Concealed 1.28 GPF and 0.5 GPF EFV for High-Efficiency Toilets and Urinals\*



### 1.28 GPF

TET2LN-31 14" x 12" Satin finish (Valve Only), (1-½" back spud wall)  
TET2LN-32 14" x 12" Satin finish (Valve Only), (1-½" top spud)  
TET2LN-33 14" x 12" Satin finish (Valve Only), (1-½" back spud floor)

### 0.5 GPF

TEU2LN-11 14" x 12" Satin finish (Valve Only with ¾" Vacuum Breaker Kit)  
TEU2LN-21 14" x 12" Satin finish (Valve Only with 1-¼" Vacuum Breaker Kit)



### 1.28 GPF

TET3LN-31 4" x 4" Satin finish (Valve Only), (1-½" back spud wall)  
TET3LN-32 4" x 4" Satin finish (Valve Only), (1-½" top spud)  
TET3LN-33 4" x 4" Satin finish (Valve Only), (1-½" back spud floor)

### 0.5 GPF






TEU3LN-11 4" x 4" Satin finish (Valve Only with ¾" Vacuum Breaker Kit)  
TEU3LN-21 4" x 4" Satin finish (Valve Only with 1-¼" Vacuum Breaker Kit)

*For optimal performance, TOTO recommends pairing TOTO flush valves with TOTO china.*

*For 1.28 GPF flush valves TOTO recommends a minimum water pressure of 30 psi with a minimum flow rate of 23 GPM.*

# EcoPower® Sensor Faucets

Powered by the flow of water instead of relying on batteries that require routine replacement, these sensor faucets are a perfect choice for reliable performance, quality and conservation. With a variety of styles and designs, EcoPower faucets are a perfect addition to high-end commercial installations and residential bath spaces.

<b>Sensor Faucet with Gooseneck Spout</b>		<b>Sensor Faucet with Standard Spout</b>	
			
			
			
<b>Low Flow Models</b>		<b>Low Flow Models</b>	
<b>0.5 GPM Max</b>		<b>0.5 GPM Max</b>	
<b>Single Supply Lavatory Faucet*</b>		<b>Single Supply Lavatory Faucet*</b>	
TEL3LG10		TEL3LS10	
<b>Thermal Mixing Lavatory Faucet*</b>		<b>Thermal Mixing Lavatory Faucet*</b>	
TEL5LG10		TEL5LS10	
<b>1.0 GPM Max</b>		<b>1.0 GPM Max</b>	
<b>Single Supply Lavatory Faucet*</b>		<b>Single Supply Lavatory Faucet*</b>	
TEL3GG10		TEL3GS10	
<b>Thermal Mixing Lavatory Faucet*</b>		<b>Thermal Mixing Lavatory Faucet*</b>	
TEL5GG10		TEL5GS10	
<b>Single Supply Lavatory Faucet**</b>		<b>Single Supply Lavatory Faucet**</b>	
TEL3GG60		TEL3GS60	
<b>Thermal Mixing Lavatory Faucet**</b>		<b>Thermal Mixing Lavatory Faucet**</b>	
TEL5GG60		TEL5GS60	
<b>Available Upgrades</b>		<b>Available Upgrades</b>	
Nozzle Assembly Set		Nozzle Assembly Set	
Laminar Flowtype		Laminar Flowtype	
TH559EDV432		TH559EDV432	
NSF Certified for Residential Use		NSF Certified for Residential Use	

\*10 sec continuous discharge

\*\*60 sec continuous discharge

## Helix®



### 1.0 GPM Max

Single Supply Lavatory Faucet\*  
TEL3GC10

Thermal Mixing Lavatory Faucet\*  
TEL5GC10

Single Supply Lavatory Faucet\*\*  
TEL3GC60

Thermal Mixing Lavatory Faucet\*\*  
TEL5GC60

NSF Certified for Residential Use

## Helix Wall-Mount



### 0.8 GPM Max

Single Supply Lavatory Faucet\*\*  
TEL3GW10

Thermal Mixing Lavatory Faucet\*\*  
TEL5GW10

Single Supply Lavatory Faucet\*\*  
TEL3GW60

Thermal Mixing Lavatory Faucet\*\*  
TEL5GW60

NSF Certified for Residential Use

## Fordham®



### 1.0 GPM Max

Single Supply Lavatory Faucet\*  
TEL3GT10

Thermal Mixing Lavatory Faucet\*  
TEL5GT10

Single Supply Lavatory Faucet\*\*  
TEL3GT60

Thermal Mixing Lavatory Faucet\*\*  
TEL5GT60

NSF Certified for Residential Use

## Ryohan®



### 0.8 GPM Max

Single Supply Lavatory Faucet\*  
TEL3GM10

Thermal Mixing Lavatory Faucet\*  
TEL5GM10

Single Supply Lavatory Faucet\*\*  
TEL3GM60

Thermal Mixing Lavatory Faucet\*\*  
TEL5GM60

NSF Certified for Residential Use

## Axiom®



### 1.0 GPM Max

Single Supply Lavatory Faucet\*  
TEL3GK10

Thermal Mixing Lavatory Faucet\*  
TEL5GK10

Single Supply Lavatory Faucet\*\*  
TEL3GK60

Thermal Mixing Lavatory Faucet\*\*  
TEL5GK60

NSF Certified for Residential Use

Thermal mixing models feature Shape Memory Alloy (SMA) mixing valve for precision temperature control and long-term durability.

# TOTO's Sustainability



Using a renewable resource like soybean-based oil, reclaiming dust from waste sludge and recycling china are all sustainable practices.

## Beyond Compliance

At TOTO, sustainability is a core corporate strategy and a part of our life. From the impact of our water-efficient products to our manufacturing processes, TOTO envisions ways to be more sustainable in everything we do. It is an attitude and approach we call going “beyond compliance.”

Unlike companies that merely talk about being green, TOTO goes beyond compliance or conformity. Social responsibility activities in our communities, holding partners accountable for their environmental policies, and conducting all business with integrity are central to our beliefs and actions. Living sustainably, after all, is a lifestyle, not a trend.

## Operations





TOTO extracts clay from the air and reuses grey water to save over 700,000 gallons of potable water per month.

## Sustainability in Action

TOTO's products, technological innovations, operations and policies demonstrate a true commitment to sustainability. Whether it is engineering high-efficiency toilets, faucets and showers or implementing a closed-loop paper-recycling system, TOTO's sustainability leadership includes:

- Repurposing imperfect and damaged china to be crushed for roadbed and construction projects instead of generating more waste
- Repurposing clay slurry into a feed stock for other manufacturing processes, such as for tile
- Recycling post-industrial gray water within our operations to reduce potable water consumption
- Using biodegradable soybean-based oils, a renewable resource, in all hydraulic systems
- Recycling plastics, aluminum, glass, cardboard, brass, pallets, and even computer equipment to reduce waste
- Reducing everyday water and electricity use in our offices
- Reducing carbon emissions by minimizing travel and using Web conferencing
- Participating in community building activities, such as Habitat for Humanity projects and donations
- Ensuring that facilities are ISO 14001:2004 certified



# Lifecycle Analysis



Imperfect china ready for recycling



Eco-friendly concrete countertops with chips from recycled TOTO china

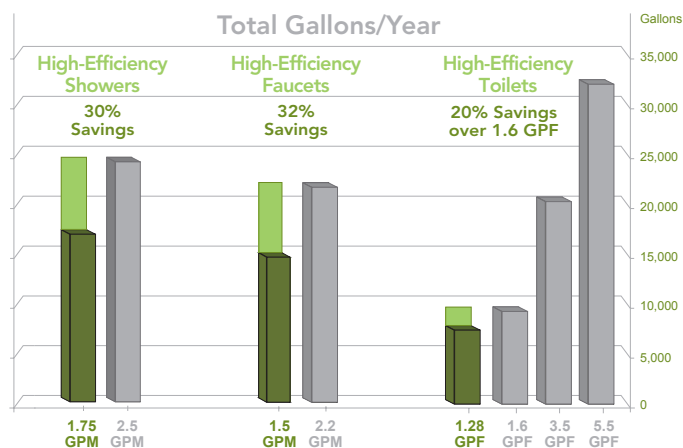
Sustainability and product lifecycles are two different concepts at most companies. Living sustainably at TOTO means using lifecycle analysis (LCA) to identify, track and reduce our consumables and waste. In fact, TOTO actively conducts LCA to improve manufacturing efficiency and sustainable products.

TOTO realizes that it is only by measuring impact throughout the product lifecycle—from raw materials, transportation and manufacturing through usage and disposal—that we can improve. This is the best way to further our sustainability efforts from “cradle to grave,” prevent harmful contaminants from entering the environment and reduce consumables.

By implementing smarter, more ecological manufacturing practices, engineering water-efficient yet high-performance products, and looking for creative ways to reduce waste, TOTO is truly becoming a darker shade of green. To prove our commitment, TOTO’s policy is to ensure that any new product we release has a smaller carbon footprint than its predecessors—a promise that goes beyond the expectations of our customers and ensures a brighter future.

## High-Efficiency Products

As a bath products manufacturer, high-efficiency toilets, faucets and showers provide TOTO with an excellent opportunity to demonstrate environmental stewardship. The chart below illustrates how TOTO’s high-efficiency products reduce water usage beyond today’s compliance standards:



# LEED Certification

LEED is an internationally recognized green building certification system that provides third-party verification for a building or communities. To get maximum LEED points, a new or existing building must reach specified water-usage reduction percentages to earn LEED points. The more usage reductions, the more LEED points are earned.\* TOTO offers a full range of bathroom products that can help professionals in the commercial industry earn LEED points toward certification:

			
1.28 HET 20% Reduction	0.5 HEV with Urinal 50% Reduction	1.5 HEF 32% Reduction	0.08 GPC EcoPower Faucet 68% Reduction

\* Refer to LEED certification system maintained by the United State Green Building Council (USGBC)

## TOTO Demonstrates Leadership and Vision

TOTO plays a significant role in leading the sustainability charge in our industry. In fact, our active role in leading policy and certification organizations demonstrates how we go beyond products or practices to help ensure environmental responsibility across all company activities.

- TOTO USA is the only plumbing manufacturer to receive the EPA's Water Efficiency Leader Award
- TOTO was the first plumbing products manufacturer to have employees become sustainability experts by gaining LEED Accredited Professional status
- TOTO was the first major plumbing products manufacturer to join the United States Green Building Council (USGBC)



EPA WaterSense  
Partner



Green Building  
Initiative



Water Efficiency  
Leader Award



Environmental  
Protection Agency



LEED AP



Argon Award