Large Profile High-Efficiency Urinal
UT445U(V)

The ADA compliant TOTO 0.125gpf urinal features a full size design complete with privacy shields. TOTO HEU’s are engineered to work with the EcoPower® flush valves, offering the ultimate in water conservation and flushing performance. Using only one pint of water per flush when paired with a TOTO EcoPower 0.125gpf flush valve, the urinal saves 88% more water than a 1.0gpf urinal. The urinal is available in top spud and back spud installation options.

Features & functionality
- 0.125gpf when paired with a TOTO 0.125gpf EcoPower flush valve
- Washout flush action with 3/4” top or back spud inlet
- Full size urinal with concealed integral trap
- Complete with low profile dome strainer
- Wall-mounted
- ADA compliant

Visit TOTO for more product specifications for:
UT445U, UT445UV

CSI MasterFormat™ #22 42 13.16

Environmental performance
- Improved by:
  - Saves 88% more water than standard 1.0gpf urinal

Certifications & rating systems:
- WaterSense® certified
- Declare™ label

See LCA results & interpretation
LCA results

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Material evaluation

- Ceramic: 86%
- Brass: 3%
- Other: 1%

Overall impacts in the rest of the categories:

- Transportation of the product to the market: 4-22%
- Operation of the product: 4-22%
- Arising from acquisition, treatment and distribution of the water used during the use phase: 4-22%
LCA & material health results & interpretation

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The Declare product database and label are used to select products that meet the LBC's stringent materials requirements, streamlining the materials specification and certification process.

LBC Red List Free
LBC Compliant
Declared

Declaration status:
Assessment scope and results
Content inventory:
All ingredients identified by name and CAS #
Inventory threshold:
100 ppm

Large Profile High-Efficiency Urinal Evaluation program: Declare
Declare labels are issued to products disclosing ingredient inventory, sourcing and end of life options. Declare labels are based on the Manufacturers Guide to Declare, administered by the International Living Future Institute.

How it works
Material ingredients are inventoried and screened against the Living Building Challenge (LBC) Red List which represents the 'worst in class' materials, chemicals, and elements known to pose serious risks to human health and the greater ecosystem.

The Declare product database and label are self-declared and must meet the Red List Free Materials Petal Imperative 10. Red List Free. This product does not contain any ingredients on the LBC's Red List.

How this rating was achieved
Declare level
'Red List Free' means this product does not contain any ingredients on the LBC's Red List.

What's in the product and why
Red List materials
No red list materials are present in the urinal.

Where it goes at the end of its life
TOTO encourages consumers to recycle their used urinal and urinal parts. Contact your local municipality for recycling programs.

How we're making it healthier
The Commercial Urinal is designed to be used with the TOTO EcoPower® Urinal Flush Valve. The EcoPower technology enables the flush valve to operate off the energy grid, and requires no routine battery replacement. This technology helps to reduce pollution and hazardous waste, thereby mitigating human health impacts.

Urinal models with a water consumption of 0.125gpf are engineered to utilize biomimicry, modeled after the oxbow affect found in nature. Water moving on the outside of a curve will move faster, causing turbulence. The 0.125gpf urinal utilizes a V-shaped trap to reduce turbulent flow, resulting in lower water use without compromising performance. Superior performance reduces the need for extraneous cleaning and the associated use of cleaning substances.

See how we make it greener

References
System
TOTO USA, Declare label for Large Profile High-Efficiency Urinal UT445U
Manufacturer’s Guide to Declare
A comprehensive guide providing information about the program, the assessment methodology, how to submit material data to obtain a Declare label and how they are used to meet the Health & Happiness and Materials Petals of the Living Building Challenge.

Rating systems
LEED v4, Building product disclosure and optimization
Material Ingredients
Credit values:
Option 1. Material ingredient reporting
Option 2. Material ingredient optimization

Living Building Challenge
Living Building Challenge 3.0
Materials petal:
Imperative 10. Red List Free
Imperative 12. Responsible Industry
Imperative 13. Living Economy Sourcing

VERIFICATION
LCA
3rd party verified
Self-declared
Transparency Report
Certified
Self-declared
Material evaluation
3rd party verified
Self-declared

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Seattle, WA 98122
www.living-future.org
206 223 2028

The material health evaluation is self-declared and done in accordance with the Manufacturers Guide to Declare.

The LCA and Report are independently verified and certified to the SM Transparency Report Framework and ISO 14025.

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HOW WE MAKE IT GREENER

PRODUCTION

- Waste heat from the kilns is routed to the product dryer. This reduces 15% natural gas consumption.
- 50% of the electricity that TOTO uses is based on renewable energy generation. It's 6 million kilowatt hours of green energy, which means over 9 million pounds of carbon reduced each year.
- 0.45 million gallons per month of greywater is used in TOTO's operations. 1,620 of kwh in energy is reduced due to less potable water.
- 65% of all cardboard used is 100% recycled content.

CONSTRUCTION

- UPS parcel shipments are carbon neutral. TOTO is a registered SmartWay® Transport Partner.

USE

Designed to work in combination with the EcoPower TEU1UN Urinal Flush Valve, the urinal was engineered to utilize biomimicry, modeled after the oxbow affect found in nature. Water moving on the outside of a curve will move faster, causing turbulence. The 0.125gpf urinal utilizes a V-shaped trap to reduce turbulent flow, resulting in lower water use without compromising performance.

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SM® Manufacturers Showroom
TOTO
Large Profile High-Efficiency Urinal UT445U(V)
See LCA results by lifecycle stage
How we make it greener

Collapse all

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