Small Profile High-Efficiency Urinal
UT105U(V)(G)

The organically shaped, ADA compliant TOTO 0.125gpf urinal features a compact design that occupies less wall space than traditional urinals. 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
Compact urinal with concealed integral trap
Complete with low profile dome strainer
Wall-mounted
ADA compliant

Visit TOTO for more product specifications:
UT105U(V)(G), UT105U, UT105UG, UT105UV

Environmental performance
Improved by:
Saves 88% more water than standard 1.0gpf urinal
Upcycling of post industrial porcelain waste into ceramic floor tile

Certifications & rating systems:
WaterSense® certified
Declare™ label

See LCA results & interpretation

Performance Dashboard

SM Transparency Report™ + Material Health Overview

<table>
<thead>
<tr>
<th>VERIFICATION</th>
<th>LCA</th>
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<td>3rd party verified</td>
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<th>Transparency Report</th>
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<th>Material evaluation</th>
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Validity: 10/18/14 – 10/18/17
TOT – 10/18/14 – 007

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

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of water. A gallon/use and 18 uses/day during 260 days/year resulting in 5,850 gallons over 10 years of service in an average U.S. commercial environment with 0.125 replacements or more intense use. The implication is that the LCA model considers the urinal's period of 10 years of use of a urinal in an average U.S. commercial environment. The period of 10 years of use of a urinal in an average U.S. commercial environment.

LCA & material health results & interpretation

<table>
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<tr>
<th>Impact Category</th>
<th>LIFECYCLE STAGE</th>
<th>Results</th>
<th>Conditions</th>
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<tbody>
<tr>
<td>Ecological damage</td>
<td>Production</td>
<td>-3</td>
<td>-3</td>
</tr>
<tr>
<td>Ecological damage</td>
<td>Distribution</td>
<td>-0.71</td>
<td>-0.71</td>
</tr>
<tr>
<td>Ecological damage</td>
<td>Use</td>
<td>1.54</td>
<td>1.54</td>
</tr>
</tbody>
</table>

The production stage is dominating all impact categories. The ecological damage is between 8.39E-7 and 1.99E+1, depending on what condition is considered. The distribution stage is second the most dominant stage. The use stage is less dominant than the production stage, yet it is still significant in most of the impact categories. This is because the production stage has the highest weight in the overall result.

Results show that the use stage is less dominant than the production stage, yet it is still significant in most of the impact categories. This is because the production stage has the highest weight in the overall result.
Streamlining the materials specification and certification process.

The Declare product database and label are used to select products that meet the Living Building Challenge’s stringent materials requirements, as well as a comprehensive guide providing information about the program, the assessment methodology, how to submit material data to obtain a Declare Evaluation program: Declare.

How it works:
Future Institute.

Material ingredients are inventoried and screened against the LBC’s stringent materials requirements, chemicals, and elements known to pose serious risks to human health and the greater ecosystem.

The Declare product database and label are based on the Petals of the Living Building Challenge.

How we’re making it healthier

Life cycle assessment (LCA) & material health results & interpretation

Small Profile High-Efficiency Urinal UT105U(V)(G)

How this rating was achieved

A comprehensive guide providing information about the program, the assessment methodology, how to submit material data to obtain a Declare evaluation program: Declare.

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Product transparency report: LCA & Material health results & interpretation

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How we’re making it healthier

Assessment scope & exit results

Content inventory: declaration includes all ingredients identified by name and CAS #.

Assessment scope & results

Inventory threshold: 100 ppm.

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How we make it greener

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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.

Designed to work in combination with the EcoPower TEU1UN Urinal Flush Valve, the 0.125 gallon per flush urinal reinforces TOTO’s performance reputation while offering an additional water savings.

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

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VERIFICATION

LCA
3rd party verified
Self-declared

Material evaluation
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Self-declared

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