TOTO.

EcoPower® Toilet Flush Valve

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Planetary gear, superior flushing performance in energy saving EcoPower High Efficiency Toilet Flushometer Valve. Engineered to require no electricity or routine battery replacement, the EcoPower Toilet Flushometer Valve saves energy and water while providing superior performance as an alternative to dual-washdown systems. Available as an exposed unit or choose the concealed option for a more sleek look.

EcoPower® High-Efficiency Toilet (HET) electronic flushometer valve

Features & functionality

- 1.28gpf EcoPower® High-Efficiency Toilet
- Electronic flushometer valve
- Hydropower self-generating system
- Automatic sensor activated
- 24-hour automatic flush for trap seal protection
- Piston valve technology
- Manual override button
- ADA compliant

Visit TOTO for more product specifications for:

- TET1LN
- TET2LN

CSI MasterFormat® #22 42 43

Environmental performance

- Improved by:
  - Powered by the sheer force of running water
  - Saves 20% more water than standard 1.6gpf valve
- Metal parts and electric components are recyclable at the end of service

Certifications & rating systems:

- CALGreen® compliant
- Contributes to earning credits in LEED®

See LCA results & interpretation

Performance Dashboard

Validity: 10/30/15 – 10/30/18

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

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VERIFICATION
Report
Certified
Self-declared
3rd party verified
Self-declared

LCA SCOPE

Cradle to gate with options
Cradle to gate
Cradle to grave

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# LCA results & interpretation

## What’s causing the greatest impacts?

###范畴

由于产品使用阶段是最重要的，因此在分析过程中，我们详细地描述了那些对目标影响做出最大贡献的因素。结果表明，废水处理阶段的对全球变暖的影响最大，占总影响的近33%。水资源消耗、水资源污染和酸化对全球变暖的影响也显著。空气污染对水资源消耗和水资源污染的贡献也很大，对全球变暖的贡献较小。资源消耗是水资源消耗和水资源污染的主要原因。废水处理阶段的酸化影响也较大。

### 感悟

- **废水处理阶段**：废水处理阶段是最重要的，对全球变暖的影响最大，占总影响的近33%。水资源消耗、水资源污染和酸化对全球变暖的影响也显著。空气污染对水资源消耗和水资源污染的贡献也很大，对全球变暖的贡献较小。资源消耗是水资源消耗和水资源污染的主要原因。废水处理阶段的酸化影响也较大。

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TOTO's EcoPower® Toilet Flush Valves feature the highly regarded EcoPower technology. Engineered to reduce environmental impacts, TOTO's EcoPower products offer water and energy savings without sacrificing performance. Below are some of the benefits of TOTO's EcoPower technology.

**CONSTRUCTION**

TOTO participates in the UPS Carbon Neutral program. TOTO is a certified SmartWay partner.

**USE**

**SENSOR:**

Ensuring that water flows only when needed, the self-adjusting EcoPower sensor eliminates “ghost flushing” that wastes water. A minimum of six seconds in front of the sensor is required to get its acknowledgement, and a three second flush delay after stepping away from the sensing zone prevents excessive flushing.

**MICROTURBINE:**

TOTO’s EcoPower technology enables the product to operate 100% off grid. As water flows, the microturbine recharges capacitors for the sensor and solenoid. Less reliance on the back-up battery results in much less battery waste.

**COURTESY FLUSH:**

A 24-hr courtesy flush maintains trap seal during periods of low use, preventing the need for unnecessary cleaning.

**PISTON AND SOLENOID:**

The piston and solenoid mechanism, a marked improvement over traditional rubber diaphragm type valves, maintains consistent flush volume under a range of supply pressures.

Using the same proven engineering as our legendary EcoPower TET1GN, the TET1LN high-efficiency toilet flush valve reinforces TOTO's performance reputation while offering an additional water savings.

- Metal and electronic parts can be recycled at the end of life.

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