

TOTO®

EcoPower® Toilet Flush Valve

TET2LA - 1.28gpf

Planet-friendly, superior flushing performance is easy to achieve with the EcoPower High Efficiency Toilet Flushometer Valve. Engineered to require no electricity or routine battery replacement, the EcoPower Flushometer Valve saves energy and water while providing maximum performance in even the most demanding commercial spaces. Available as an exposed unit or choose the concealed option for a more sleek look.



Performance Dashboard

Features & functionality

- 1.28gpf EcoPower® High-Efficiency Toilet (HET) 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:

[TET2LA](#)

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®
- Declare™ Label, LBC Compliant

[See LCA results & interpretation](#)

[See material health results & interpretation](#)



ECO-POWER® VALVES
 • Powered by water to create an electrical current that is stored in rechargeable cells to power the Smart Sensor System of the faucet or valve.
 • Reduces electricity use, lower maintenance costs and hands-free, automatic-shut-off functionality.



SM Transparency Report™ + Material Health Overview™

VERIFICATION

LCA

3rd party reviewed Transparency Report

Verified Material evaluation

Self-declared

Validity: 07/19/17 – 07/19/22
TOT – 07/19/17 – 022

This declaration was independently verified to the SM Transparency Report / EPD Framework and ISO 14025.

NSF International
 P.O Box 130140
 789 N.Dixboro Road
 Ann Arbor, MI 48105, USA
www.nsf.org
 +1 734 769 8010



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

International Living Future Institute
 501 East Madison St.
 Seattle, WA 98122
www.living-future.org
 206 223 2028



TOTO USA

1155 Southern Road
 Morrow, GA 30260
www.totousa.com

Contact us

LCA & material health results & interpretation

EcoPower® Toilet Flush Valve TET2LA

Life cycle assessment

Material health

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 used to select products that meet the Living Building Challenge's stringent materials requirements, streamlining the materials specification and certification process.

Assessment scope and results

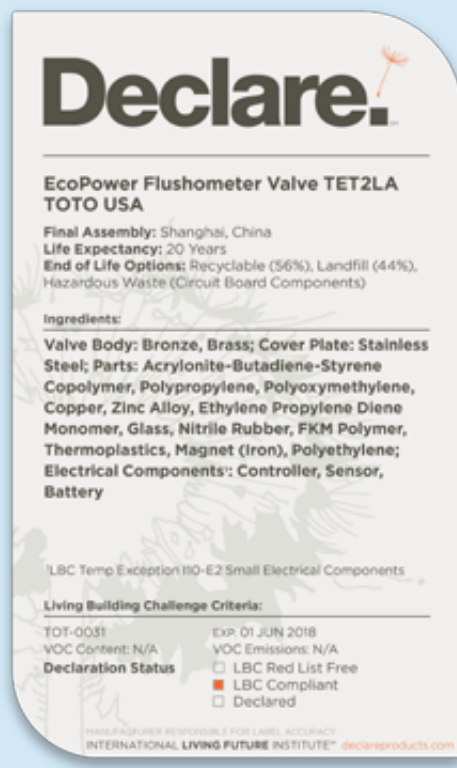
Content inventory: All ingredients identified by name and CAS #
Inventory threshold: 100 ppm

Declaration status:

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 ▶

● EcoPower® 1.28gpf Toilet Flush Valve



Click on each label to see the full declaration

How this rating was achieved

Declare level

'Living Building Challenge Compliant' is achieved when the product contains Red List ingredients that have been given a temporary exception by the Living Building Challenge due to current market limitations.

What's in the product and why

The flush valve cover is plated with chrome (Hexavalent Chromium VI). Chromium material is used as a decorative finish in applications where corrosion-resistance and durability are required. During the chrome plating process health hazards have been identified and are managed. Process controls are used to protect the environment and the production workers wear personal protection equipment. After the plating process the chrome surface is inert and does not pose any health risks. The cover in its final form does not represent any hazards to the user.

The TOTO facility in which the faucet is manufactured is ISO 14001 certified. This means that the facility has implemented an environmental management system as part of TOTO's commitment to the health of the environment.

Where it goes at the end of its life

TOTO encourages consumers to recycle their used flush valves. Contact your local municipality for recycling programs.

How we're making it healthier

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.

See how we make it greener ▶

References

Declare ▶

TOTO USA, Declare label for EcoPower Flushometer Valve TET2LA ▶

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 BD+C: New Construction | v4 - LEED v4

Building product disclosure and optimization

Material ingredients ▶

Credit value options 1 product each

1. Reporting 2. Optimization 3. Supply chain optimization

Living Building Challenge

Materials petals imperatives ▶

10. Red List Free 12. Responsible Industry
 13. Living Economy Sourcing

WELL Building Standard®

Air and Mind Features ▶

- Air 4. VOC reduction Air 26. Enhanced Material Safety
 Mind 97. Material Transparency Mind 98. Organizational Transparency



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Contact us ▶

How we make it greener

EcoPower® Toilet Flush Valve TET2LA

Collapse all

See LCA results by life cycle stage

CONSTRUCTION

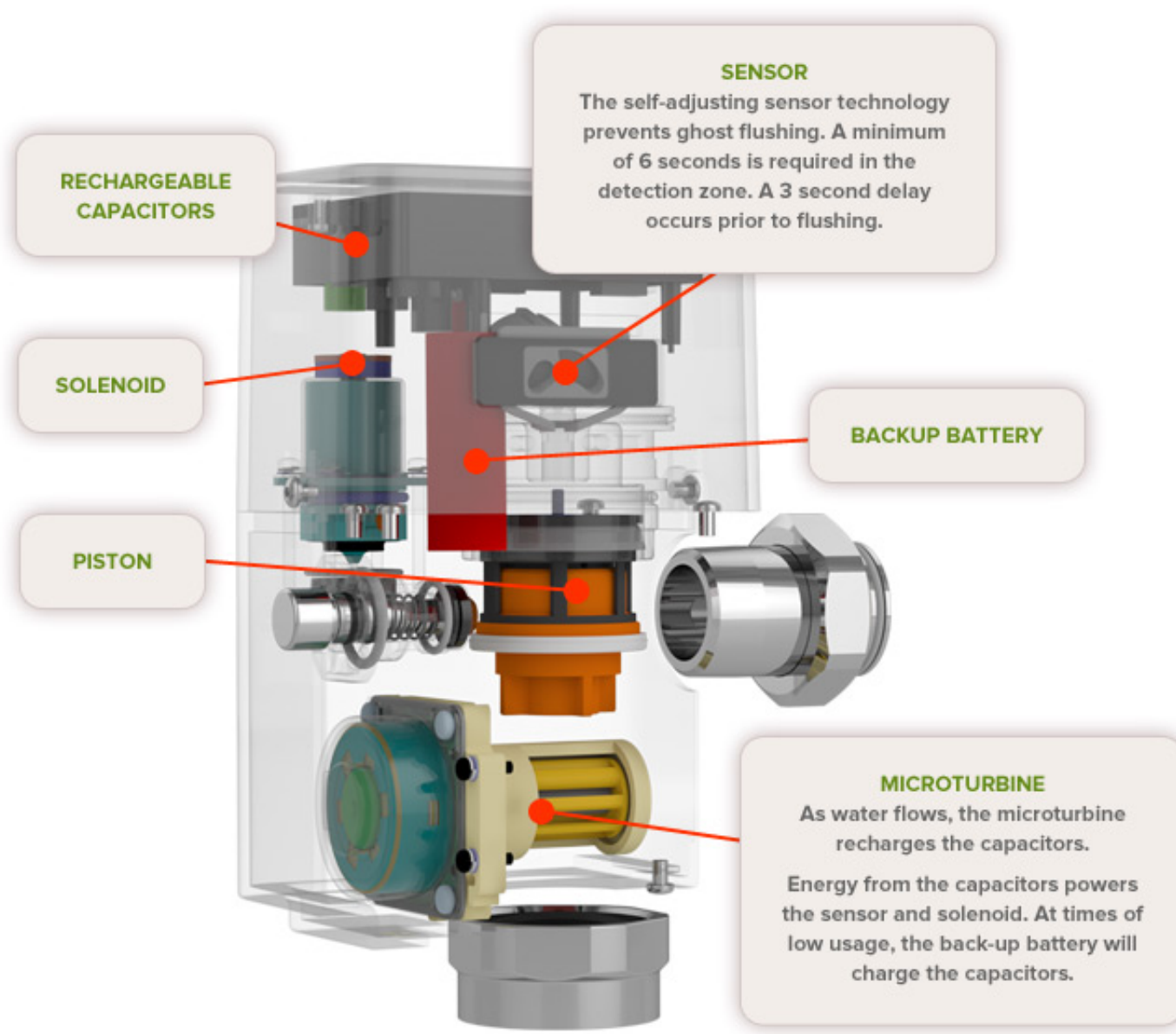


TOTO participates in the UPS Carbon Neutral program. TOTO is a certified SmartWay partner.

USE



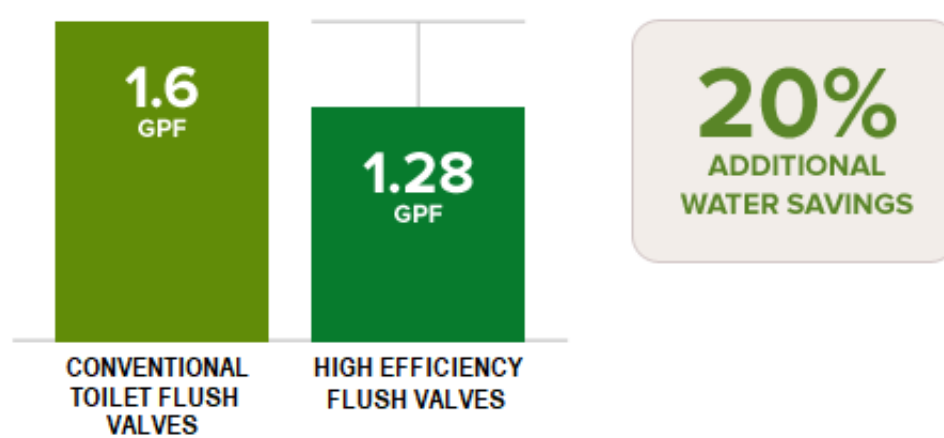
TOTO's EcoPower® Toilet Flush Valves feature the highly regarded EcoPower technology. Engineered to reduce environmental impacts, TOTO's EcoPower products offer water and energy savings without sacrificing performance. Below are some of the features of TOTO's EcoPower technology.



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.

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 EcoPower engineering, the high-efficiency toilet flush valve reinforces TOTO's performance reputation while offering additional water savings.



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

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