The Commercial HET Wall-Hung Toilet delivers TOTO’s leadership in innovations and performance to your commercial space. Offering a classic design and clean lines, the wall-hung design opens up your space, making the entire bathroom easy to clean.

### Performance Dashboard

**Features & functionality**
- High efficiency, 1.28 GPF / 4.8 LPF, flushometer toilet
- Powerful siphon jet flushing action
- Design for use with TOTO low-flow EcoPower flushometer valve
- ADA compliant
- Wall mounted, elongated front bowl toilet

Visit TOTOUSA for more product specifications

**Environmental performance**
- Lower water use
- ecoScorecard™ listed
- **Total impacts = 169.31mPts** per 10 years of service

Learn about SM Single Score results
See LCA results & interpretation

---

**SM Transparency Report™**

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

**LCA SCOPE**
- Cradle to grave
- Cradle to gate with options
- Cradle to gate

The LCA was independently verified in accordance with ISO 14040-44 and the Sustainable Minds Transparency Report™ Framework (Draft version 2.0).

---

**NSF International**
P.O Box 13040
789 N Dixboro Road
Ann Arbor, MI 48105, USA
www.nsf.org
+1 734 769 8010

---

**TOTO USA**
1155 Southern Road
Morrow, GA 30260
www.totousa.com

Contact us

---

2008-2014 Sustainable Minds, LLC All Rights Reserved Privacy Policy
LCA results & interpretation

Commercial Toilet CT708E(V)(G)

Scope and summary

<table>
<thead>
<tr>
<th>Functional unit</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cradle to gate</td>
<td>An average commercial environment that has been in use for 10 years. The period of 10 years is set as the period of application based on the average economical lifespan for commercial applications. The life cycle of a commercial application can be longer or be released earlier, which can overestimate or underestimate the environmental impacts.</td>
</tr>
</tbody>
</table>

LCA results

<table>
<thead>
<tr>
<th>Impact category</th>
<th>Units</th>
<th>Data used</th>
<th>Relevance</th>
<th>Impact category</th>
<th>Units</th>
<th>Data used</th>
<th>Relevance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecological</td>
<td>mPts</td>
<td>1.07 mPts</td>
<td>163.63 mPts</td>
<td>0.06 mPts</td>
<td>-0.19 mPts</td>
<td>1.24 E-05</td>
<td>1.28 E-06</td>
</tr>
<tr>
<td>Human health damages</td>
<td>mPts</td>
<td>1.07 mPts</td>
<td>163.63 mPts</td>
<td>0.06 mPts</td>
<td>-0.19 mPts</td>
<td>5.82 E-07</td>
<td>1.34 E-07</td>
</tr>
<tr>
<td>Economic damages</td>
<td>mPts</td>
<td>1.07 mPts</td>
<td>163.63 mPts</td>
<td>0.06 mPts</td>
<td>-0.19 mPts</td>
<td>3.34 E-06</td>
<td>4.47 E-09</td>
</tr>
<tr>
<td>Sensitivity analysis</td>
<td>mPts</td>
<td>1.07 mPts</td>
<td>163.63 mPts</td>
<td>0.06 mPts</td>
<td>-0.19 mPts</td>
<td>5.07 E-02</td>
<td>1.00 E-02</td>
</tr>
</tbody>
</table>

Sensitivity analysis

There are several results that tend to vary significantly from 10% to 20% in the LCA results.

What’s causing the greatest impacts

All lifecycle stages

The use stage dominates the results for all impact categories. This is expected as this is a commercial product with a use stage that is very long. Operational energy use is irrelevant to the life cycle of the modeled product. Reuse and energy recovery are not modeled in the current stage of this study. Preventing the need to produce primary materials. Recycling is a relevant contribution to the ozone depletion, non-carcinogenics and eutrophication. The ceramic parts dominate all impact categories except for ozone depletion, non-carcinogenics and eutrophication. The ceramic parts and processes contribute between 4% and 20% of the current stage of this study.

Using the TRACI method

The TRACI method is a well-known and widely used tool for Life Cycle Impact Assessment (LCIA) and is based on the ISO 14042 standard. It is designed to support direct comparisons. They therefore, second, need to consider scenarios outside of the scope of the current analysis, such as transportation and end of life.

The LCA results are based on the TRACI method and are verified in accordance with ISO 14040-44 and the Sustainable Minds Transparency Report Framework (Draft v2.0).
PERFORMANCE DASHBOARD

LCA RESULTS & INTERPRETATION

HOW WE MAKE IT GREENER

Commercial Toilet CT708E(V)(G)

See LCA results by lifecycle stage

SM Manufacturers Showroom

TOTO Commercial Toilet

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 translates to 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

One-piece toilets are shipped with every other toilet upside down, increasing the fill rate of a truck trailer and cutting transportation cost in half.

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

USE

The dual flush system reduces water in the use phase.

Utilizing the same proven engineering as our legendary 1.6 GPF G-Max flushing system, the 1.28 GPF E-Max reinforces TOTO’s performance reputation while offering an additional water savings of 20%.

Report VERIFICATION

LCA 3rd party verified

Validity: 10/18/14 – 10/18/17

TOTO – 10/18/14 – 005

LCA SCOPE

Cradle to grave

Cradle to gate with options

Cradle to gate

The LCA was independently verified in accordance with ISO 14040-44 and the Sustainable Minds Transparency Report™ Framework (Draft version 2.0).

Contact us

Sustainable Minds, LLC  All Rights Reserved  Privacy Policy