Innovative and highly-efficient, the Aquia Dual Flush Toilet adds elegance and ease to your bathroom experience through its timeless style and innovative performance design. It features a simple, elongated skirt to offer clean lines – and easier cleaning. Available in a range of finishes and colors, this transitional aesthetic model offers planet-friendly advancements that respect water and your time.

The Aquia is available in a two-piece toilet and tank set, or choose the one-piece for a more streamline look and an included seat.

### Performance Dashboard

<table>
<thead>
<tr>
<th>Features &amp; functionality</th>
<th>Environmental performance</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Dual-Max® flushing system, high efficiency 1.6gpf &amp; 0.9gpf</td>
<td>- Lower water use ecoScorecard® listed</td>
</tr>
<tr>
<td>- Dual flush option</td>
<td>- WaterSense® certified</td>
</tr>
<tr>
<td>- Chrome push button</td>
<td>- CALGreen compliant</td>
</tr>
<tr>
<td>- Elongated skirt</td>
<td>- Total impacts = 27.95 mPts/per 10 years of service</td>
</tr>
<tr>
<td>- Universal height</td>
<td>- Learn about SM Single Score results</td>
</tr>
<tr>
<td>- 12&quot; Rough-in</td>
<td>- See LCA results &amp; interpretation</td>
</tr>
</tbody>
</table>

**Visit TOTO for more product specifications**

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**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).

**VERIFICATION**

- **Certified**
- **Self-declared**

**3rd party verified**

- **LCA**
- **Self-declared**

Validity: 10/18/14 – 10/18/17  
TOT – 10/18/14 – 008

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**TOTO USA**

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Morrow, GA 30260  
www.totousa.com

**Contact us**
PERFORMANCE DASHBOARD

LCA RESULTS & INTERPRETATION

HOW WE MAKE IT GREENER

Aquia® Dual Flush Toilet MS654114MF & CST412MF

See LCA results by lifecycle stage

SM Manufacturers Showroom
TOTO  Aquia® Dual Flush 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. This is 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

- 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

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>LCA</td>
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Cradle to gate with options

Cradle to gate

years is modeled as the period of application based on the average economical LCA results

10 years of service in a U.S. household with 1.133 gallon/use and 5.1 flushes/day

Default use phase scenario

Functional unit

Scope and summary

LCA results & interpretation

model assumes that the application ends at year 10 and that the materials will be

A variation of 10 to 20% | A variation greater than 20%

TRACI

Information modules: Included

Reuse and energy recovery are not modeled

PERFORMANCE DASHBOARD

LCA results

GREET 12.60

The impact of the use stage, mainly due to the embedded energy arising from the operation of the product (26-62%). The production stage itself is very relevant

Deviations are th

RM 2013

SM 2013

Aquia® Dual Flush Toilet MS654114MF & CST412MF

The intent is to reward project teams for selecting products from manufacturers

Dual-Max, E-Max, Dual Cyclone, 1G, and EcoPower technologies

Dual-Max, E-Max, Dual Cyclone, 1G, and EcoPower technologies

LCA framework for life cycle stages [ISO 14044, 2006]