Battery Powered (6V, DC)  
Sensor Toilet Flush Valve, Concealed (14" x 12") - 1.6 GPF

OPERATING PROCEDURE  A sanitary environment without using the hands.

1 Infrared Sensor  2 Flushing  3 Manual Flushing Button

The infrared sensor detects a user sitting on the toilet seat.  After using over 5 seconds, when a user leaves the fixture, the sensor automatically sends a signal to the operating unit to activate the flush valve. For toilet bowl maintenance, the toilet is equipped with a manual flushing button.

AUTOMATIC FLUSHING SYSTEM

TOTO, the world leader in advanced plumbing systems, provides sensor operated flush valves for facilities demanding the finest sanitation equipment for busy restrooms. “Hands-free” technology effectively reduces unsanitary conditions from unflushed fixtures.

SUPERIOR PISTON VALVE

TOTO’s piston valve technology is a marked improvement over traditional rubber diaphragm type valves. Longer piston travel and self-cleaning stainless steel debris screen reduce common problems such as continuous running and flooding. The piston seat itself will not warp or mis-seal thus, significantly reducing repair and maintenance costs. A micro-porous cup seal keeps the piston self-lubricated upon each activation with the incoming water supply.

To be specified:

Sensor Toilet Flush Valve
- Complete Set, Surface Mount, Satin Finish
  (14" x 12" cover plate)
- Back Spud Wall - TET2DNS-31
- Top Spud - TET2DNS-32
- Back Spud Floor TET2DNS-33

Supplied with:
- Vacuum Breaker & Angle Stop Set -VB13RB-31
  (Back Spud Wall)
  - 3/4" Angle Stop - 10077t5
  - 3/4" Vacuum Breaker - 10075t4
  - Outlet Tube - TH559EDV176
  - Sweat Solder Kit – SJ3
- Vacuum Breaker & Angle Stop Set -VB13RB-32
  (Top Spud)
  - 1" Angle Stop - 10077t5
  - 1 1/2" Vacuum Breaker - 10075t3
  - Outlet Tube - TH559EDV177
  - Sweat Solder Kit – SJ3
- Vacuum Breaker & Angle Stop Set -VB13RB-33
  (Back Spud Floor)
  - 1" Angle Stop - 10077t5
  - 1 1/2" Vacuum Breaker - 10075t4
  - Outlet Tube - TH559EDV175
  - Sweat Solder Kit – SJ3

Meets the American disability Act Guidelines and ANSI A117.1 requirements for people with disabilities.
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**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Product</th>
<th>TET2DNS-31-Complete Set (1 1/2&quot; V.B.), Back Spud Wall, Satin Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TET2DNS-32-Complete Set (1 1/2&quot; V.B.), Top Spud, Satin Finish</td>
</tr>
<tr>
<td></td>
<td>TET2DNS-33-Complete Set (1 1/2&quot; V.B.), Back Spud Floor, Satin Finish</td>
</tr>
<tr>
<td>Power supply</td>
<td>Four AA alkaline batteries, 2-year life, based on 4000 cycles per month</td>
</tr>
<tr>
<td>Detection range</td>
<td>Self-adjusting to environment</td>
</tr>
<tr>
<td>Detection time</td>
<td>Factory setting at six (6) seconds minimum</td>
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<tr>
<td>Water supply</td>
<td>1&quot; NPT</td>
</tr>
<tr>
<td>Discharge quantity</td>
<td>Factory setting at 1.6 GPF/6.0 LPF</td>
</tr>
<tr>
<td>Toilet type</td>
<td>Flushometer type bowl</td>
</tr>
<tr>
<td>Ambient temperature</td>
<td>32°-104°F (0°-40°C)</td>
</tr>
<tr>
<td>Supply water pressure</td>
<td>15 psi - 100 psi*</td>
</tr>
<tr>
<td>Warranty</td>
<td>Limited three (3) year warranty on all component parts. Details available upon request.</td>
</tr>
<tr>
<td>Listings</td>
<td>A.S.S.E. 1037</td>
</tr>
</tbody>
</table>

*These dimensions and specifications are subject to change without notice.

*Suggested engineering specification:

TOTO Model No. __________
Automatic infrared sensor activated, bronze piston toilet flush valve, 14" x 12" cover plate with brushed stainless finish and vandal resistant mounting screws. Four AA alkaline batteries with a 2-year life at 4,000 cycles/month. Low consumption 1.6 gallons per flush. Piston valve with stainless self-cleaning debris screen and self-cleaning solenoid. Electrical sensor components separated from water body of valve and sealed in a waterproof compartment. Manual override button included.

**DIAGRAM:**

*Note: make sure push button and trip lever are properly aligned. Do not place grab bars in front of sensor for ADA stalls.*