

TOTO®

Battery Powered (6V DC) Sensor Toilet Flush Valve, Concealed (4" x 4") - 1.6 GPF

To be specified:

Sensor Toilet Flush Valve

- Complete Set, Surface Mount, Satin Finish (4" x 4" cover plate)
 - Back Spud Floor – TET3DNS-33 (1- 1/2" V.B.)
 - Back Spud Wall – TET3DNS-31 (1- 1/2" V.B.)
 - Top Spud – TET3DNS-32 (1- 1/2" V.B.)

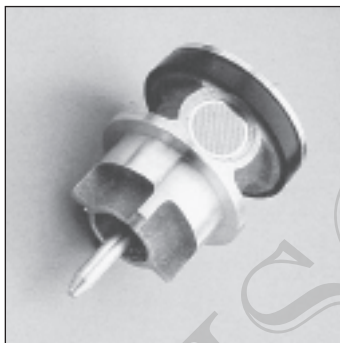
Supplied with:

- Vacuum Breaker & Angle Stop Set -VB13RB-31 (Back Spud Wall)
 - 1" Angle Stop - 10077t5
 - 1- 1/2" 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



TET3DNS-32



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.

OPERATING PROCEDURE A sanitary environment without using the hands.

1 Infrared Sensor



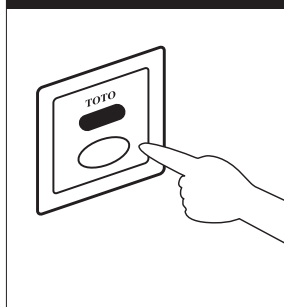
The infrared sensor detects a user sitting on the toilet seat.

2 Flushing



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.

Manual Flushing Button




For toilet bowl maintenance, the toilet is equipped with a manual flushing button.



Battery Powered(6V DC) Sensor Toilet Flush Valve, Concealed (4" x 4") - 1.6 GPF

SPECIFICATIONS

Product	TET3DNS-31-Complete Set (1 1/2" V.B.), Back Spud Wall, Satin Finish TET3DNS-32-Complete Set (1 1/2" V.B.), Top Spud, Satin Finish TET3DNS-33-Complete Set (1 1/2" V.B.), Back Spud Floor, Satin Finish
Power supply	Four AA alkaline batteries, 2-year life, based on 4000 cycles per month
Detection range	Self-adjusting to environment
Detection time	Factory setting at six (6) seconds minimum
Water supply	1" NPT
Discharge quantity	Factory setting at 1.6 GPF/6.0 LPF
Toilet type	Flushometer type bowl
Ambient temperature	32°-104°F (0°-40°C)
Supply water pressure	15 psi - 100 psi*
Warranty	Limited three (3) year warranty on all component parts. Details available upon request.
Listings	 A.S.S.E. 1037

These dimensions and specifications are subject to change without notice.

*Water pressures over 80 psi are not recommended for most plumbing fixtures.

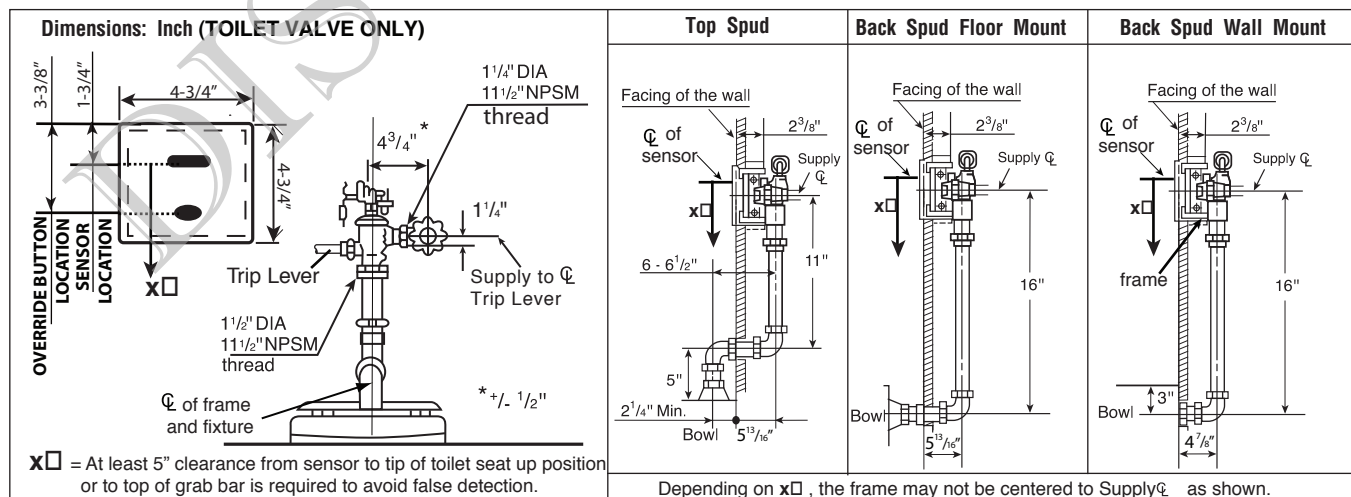
SUGGESTED ENGINEERING SPECIFICATION:

TOTO Model No. _____
Automatic infrared sensor activated, bronze piston toilet flush valve. 4" x 4" cover plate with brushed stainless finish.
Electrical sensor components separated from water body of

solenoid valve and sealed in a waterproof compartment. Low consumption 1.6 gallons per flush. Piston valve with stainless self-cleaning debris screen and self-cleaning solenoid. Manual override button included.

Note: make sure push button and trip lever are properly aligned. Do not place grab bars in front of sensor for ADA stalls.
Minimum 12"x12" access panel, or walk-in chase is required for service and maintenance.

DIAGRAM:



TOTO®

TOTO U.S.A., INC. • 1155 Southern Road, Morrow, GA 30260

Tel. (770) 282-8686 • Fax. (770) 282-8701 • www.totousa.com

Printed in U.S.A. © TOTO LTD. 07/08 #H80106

Printed on recycled paper 

REV 07/08