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.

NEUTRAL ROUGH-IN

TOTO’s sensor flush valve has neutral rough-in, it can be used as right or left rough-in with no modification.

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 6 seconds, when a user leaves the fixture, the sensor automatically sends a signal to the operating unit to activate the flush valve.

3 Manual Flushing Button

Valve is equipped with a manual flushing button.

4 Trap Protection Flushing (24 hours)

Meets the American Disabilities Act Guidelines and ANSI A117.1 requirements for people with disabilities.
# AC Powered(120V AC to 10V DC) Sensor Toilet Flush Valve, Exposed

## SPECIFICATIONS

| Product | TET1ANCR – Valve Only, Left and Right Rough, Chrome Plated Finish  
|         | TET1ANCR- 32 – Complete Set (1 1/2” V.B.), Left and Right Rough, Chrome Plated Finish |
| 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/6.0LPF |
| Toilet type | Flushometer bowl |
| Trap seal protection | Automatic flushing once every twenty-four (24) hours, if not used |
| Ambient temperature | 32°-104°F (0°-40°C) |
| Supply water pressure | 15 psi - 125 psi* |
| Transformer | THU701TR Class 2 Transformer - Overload protection provided.  
| Primary voltage: 120V, AC, 60Hz -> 10VDC, 1950mA. Maximum 10 units per transformer |
| 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. Heavy-duty zinc die cast cover with nickel-chrome finish. Vandal resistant hex head screws. 10V DC power source required. 1.6 gallon flush with manual override button. Piston valve with solenoid self-cleaning. Automatic flush every twenty four hours if not used. Angle stop and vacuum breaker included.

## DIAGRAM:

### Dimensions: Inch

- 4-3/4" - 1/2"  
- 11-1/2"**  
- 2-1/4" min  
- 1" NPT  
- 1-1/2" NPSM  
- The detection range is self-adjusting  
- Stable detection zone

*Check local codes*