### 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.

### SELF-GENERATING POWER SYSTEM

TOTO’s® new technology of automatic generator flush valves offer easy installation without the cost and downtime required to install power supplies and wiring for each valve. A hydro-powered turbine charges the power supply during usage eliminating the need for a battery replacement or consumption of external power for up to 10 years.

### SUPERIOR PISTON VALVE

TOTO’s® piston valve technology is a marked improvement over traditional rubber diaphragm type valves. Longer piston travel and SELF-CLEANING 360° 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.

#### To be specified:

**Sensor Toilet Flush Valve**
- Complete Set, Nickel Chrome Plated Finish
- TEW6GNC-32 (1-1/2" V.B.) - Left and Right Rough

  Complete set supplied with:
- Angle Stop Set - VBXCP-32
- 1" Angle Stop - 10077t3
- Spud Nut & Escutcheon - 71051nt6
- Sweat Solder Kit - TH59EDVJSJ3
- 24" Vacuum Breaker - 10075T1L

- Valve only, Nickel Chrome Plated Finish
- TEW6GNC - Left and Right Rough

**Z-4000-J - Adapter for Ground Joint Angle Stops**

Meets the American Disabilities Act Guidelines and ANSI A117.1 requirements for people with disabilities.

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**TEW6GNC-32**

**Reliance Commercial Line**
TOTO’S® ECOPower Flush Valves™
Sensor Toilet Flush Valve, Exposed, for use with 24” Vacuum Breakers - 3.5 GPF

### SPECIFICATIONS

| Product                        | TEW6GNC- Valve Only, Left and Right Rough, Chrome Plated Finish  
|                               | TEW6GNC-32- Complete Set (1-1/2" V.B.), Left and Right Rough, Chrome Plated Finish  
| Power supply                  | Hydro-Power Charge, 10 years based on 2,000 cycles per month  
|                               | *(Backup battery: 4 years at 4,000 cycles per month without recharging)*  
| Supply water pressure          | 15 psi - 125 psi*  
| Water supply pipe             | 1” NPT  
| Discharge quantity            | Factory setting at 3.5 GPF/12.0 LPF  
| Trap seal protection          | Automatic flushing once every twenty-four (24) hours, if not used  
| Detection time                | Factory setting at six (6) seconds minimum  
| Detection range               | Self-adjusting to environment  
| Warranty                      | Limited three (3) year warranty on all component parts. Details available upon request.  

These dimensions and specifications are subject to change without notice.  
*Water pressures over 80 psi are not recommended for most plumbing fixtures.  

U.S. Patent Pending

**SUGGESTED ENGINEERING SPECIFICATION:**

TOTO® Model No. ____________________________  
Automatic infrared sensor activated, piston toilet flush valve designed for use with 24” vacuum breakers. Heavy-duty zinc die cast cover with nickel chrome finish. Vandal resistant hex head screws. Automatic sensor adjustment on installation. Manual override button. Piston valve and solenoid with self-cleaning mechanism. Automatic flush every twenty four hours if not used. Angle stop and vacuum breaker included with accessories. Through the use of TOTO’s® EcoPower Flush Valves™, using the valve 2000 times a month will fully recharge the valve for up to 10 years.

**DIAGRAM:**

![Diagram of TEW6GNC-32 valve and associated components]

Alternate ADA Installation  
Lower the supply rough-in to 9.5” (241mm) and mount grab bar at the 36”(914mm) maximum allowed height.

*Check local codes

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