

ECOPOWER® High-Efficiency Urinal Flush Valve for Reclaimed Water, 0.5 GPF

FEATURES

- 0.5 GPF
- Designed with robust materials necessary for reclaimed water use
- Self-powered hydroelectric flush valve system
- No minimum daily usage requirement
- Durable chrome plated body with tamperproof screws and solid bronze valve body
- Self-cleaning piston valve with 360° filter screen
- Neutral rough-in and adjustable tail piece connection
- True mechanical flush override
- Smart sensor with self-adjusting detection range
- 6 second detection time to prevent ghost flushing
- Contributes to LEED® aggregate water consumption reduction
- Protects trap seal with a maintenance flush if not used in a 12 hr period
- IoT-enabled options available to remotely monitor usage rates, water consumption, fixture performance and streamline operations in real time with instant alerts

OPTIONAL ACCESSORIES

- **Z-4000-J**
Adapter for ground joint angle stops

COLORS/FINISHES

- #CP Polished Chrome

MODELS

Kit Options	Component Breakdown		
	Flush Valve	Vacuum Breaker Set	IoT Card
TEU1LAXi12#CP	TEU1LAXi#CP	VB0912XR#CP	*
TEU1LAXi4#CP	TEU1LAXi#CP		THP3566
TEU1LAXi412#CP	TEU1LAXi#CP	VB0912XR#CP	THP3566

*Requires communication card (sold separately) for IoT functionality



PRODUCT SPECIFICATION

TOTO® Model No. _____ Product shall be 0.5 GPF. Product shall be an automatic infrared sensor activated, urinal flush valve. Product shall use hydropower, ECOPOWER flush valve system. Product shall have durable chrome plated body with tamper-proof screws and solid bronze valve body. Product shall have neutral rough-in and adjustable tail piece connection. Product shall have smart sensor with self-adjusting detection range. Product shall have true mechanical flush override. Product shall have 6-second detection time to prevent ghost flushing. Product shall have solenoid with self-cleaning mechanism.

CODES/STANDARDS

- Meets or exceeds ASSE 1037/ASME A112.1037/CSA B125.37
- FCC compliant to Part 15
- Certifications: IAPMO(cUPC), EPA WaterSense, State of Massachusetts, and others
- Code Compliance: UPC, IPC, NSPC, NPC Canada, and others
- ADA compliant
- Complies with CA Prop 65 warning requirements



TEU1LAXi Series

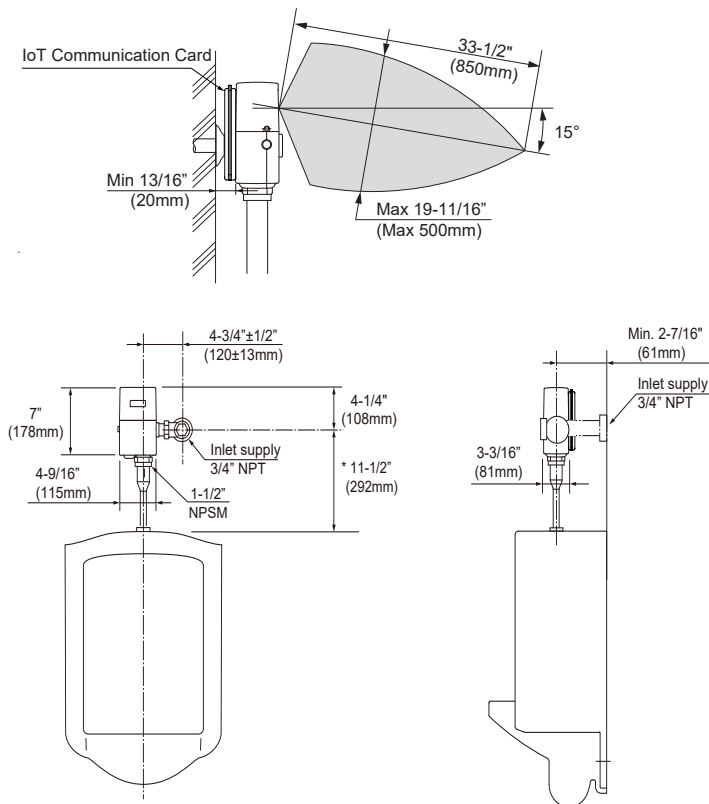
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SPECIFICATIONS

Material	Bronze casting
Power Supply	ECOPOWER
IoT Capacity	IoT-Enabled
Sensor Detection Time	Factory setting at six (6) seconds minimum
Sensor Detection Range	Self-adjusting to environment
Discharge Quantity	Preset to 0.5 GPF / 1.9 LPF
Operating Temperature	32-104°F (0-40°C)
Water Source	See Reclaimed Water Chart
Water Supply Pressure	Min: 15 psi (flowing) Max: 125 psi (static)
Water Supply Connection	3/4" NPT
Warranty	Three year limited

*Water pressures over 80 psi are not recommended for most plumbing fixtures. Check your local plumbing code for details.

DIMENSIONS



INSTALLATION NOTES

RECLAIMED WATER QUALITY PARAMETERS	
Chloride Ion Concentration	< 600mg/L
pH	5.8-8.6
Free Carbonate	< 50mg/L
Langelier's Index	> -3.00
Nitrate Ion Concentration	< 60mg/L
Conductivity	< 250mS/m
Sulfate Ion Concentration	< 100mg/L
Residual Chloride Concentration	< 2mg/L
Hydrogen Sulfide Gas	None Existence
Suspended Solids	< 5mg/L

- TOTO Reclaimed Water flush valves are designed to perform best when used with TOTO Reclaimed Water urinals/toilets and components. Although TOTO Reclaimed Water products may be used in combination with other reclaimed water product brands, optimal performance might be impaired and attempted use with any non-compliant reclaimed water product(s) could result in corrosion, leakage or void the warranty.
- For commercial applications only. Product designed for reclaimed water use (with parameters specified above).
- Warning: Adjust control stop for proper flow rate to the fixture. Failure to properly adjust angle stop to the appropriate level can potentially cause property damage.
- For detailed installation instructions, please refer to the installation manual. Confirm with local codes and standards for floor drain requirement.
- Max flow rate to be used with TEU1LAXi_____ : 0.5 GPF
- Confirm with local codes and standards for floor drain requirement. Adjust control stop for proper flow rate to the fixture.
- For IoT installation, provide at least $13/16"$ (20mm) clearance between the back of the flush valve and the wall. Please refer to the diagram below.

TOTO®

These dimensions and specifications are subject to change without notice