



Florida Department of Transportation

719 South Woodland Boulevard
DeLand, FL 32720-6834

RON DESANTIS
GOVERNOR

JARED W. PERDUE, P.E.
SECRETARY

Bid Questions and Answers

Contract No.: F5005
Financial Project No(s): 450185-1-52-01
Description: Oviedo – ADA Restroom Renovation
Date: January 3, 2024

3. The plans provided are asking for a rear spud toilet and urinal in the description of the fixture schedule but the fixture model number is for a tank style toilet. Currently tank style toilets are installed, we cannot change the toilet to a flush valve without changing the water main to the building to a 2" line and replumbing the restrooms. Also to install a rear spud toilet/urinal the water walls will need to be a minimum of 8" thick and have an access panel or a chase to access the flush valves in the wall for installation. Please provide clarification whether or not you want to convert to a flush valve with the associated modifications or use the listed model number tank style.

Answer: The water main has the same number of fixtures as before and 1-1/2" water main will handle the water load requirements. The flush valve from Hydrotek only requires a 1" I.P.S. connection. The Hydrotek cut sheet is attached.



ISO 9001 Certified

H8-128

1.28 GPF

AC Powered Flush Valve (Closet)

Description

AC powered, sensor operated, water conserving, closet flush valve for floor mounted or wall hung top spud bowls.

Flush Cycle

- 1.28 GPF
 - * Flush valves may not function with all bowls. Be sure to verify flow requirements with bowl manufacturer.
 - * Flow rate is field adjustable

Specifications

Exposed, Piston Operated, Chrome Plated, Closet Flush Valve with the following features:

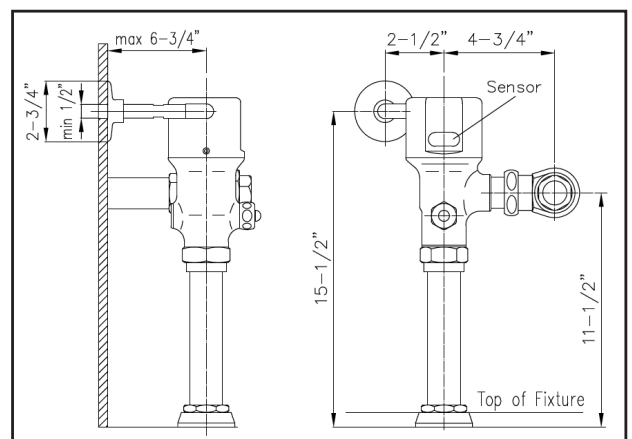
- Standard Brass/Chrome Plated All Metal Construction
- Superior, Slow-Closing, Piston Flushing Mechanism
- Standard Manual –Mechanical Override Button
- Field Adjustable to Left or Right Rough-In
- Operating Pressures: 10-125 PSI
- Standard Self-Cleaning Filtering System
- Superior VSI Silicone Elastomer Piston Seals are Unaffected by Chlorine, Chloramines, and Ammonia
- ADA Compliant—Infrared Sensor Operated for “No Hands” operation
- Self-Diagnostic Electronic System with Manual Reset
- Reliable, Latching Solenoid Valve
- Preset / Adjustable Sensor Distance
- Adjustable Tailpiece
- **1" I.P.S. Angle Stop Valve with Vandal Resistant Cap**
- High Back Pressure Vacuum Breaker / Flush Tube Connection
- Spud Coupling and Flange for 1-1/2" Top Spud
- Sweat Solder Adapter with Cover Tube and Wall Flange
- High Copper, Low Zinc Brass Casting for Dezincification Resistance
- 36-hour Sentinel Flush

Electrical Specifications

- Plug-In Power Adapter
 - Input: 120V AC (60 Hz), Output: 12V DC
- Solenoid Valve and Sensor, 6V DC

Optional Accessory

- HC-010 Multi-Unit Power Adapter (Powers up to 8 flush valves)



HYDROTEK INTERNATIONAL, INC.

5055 Forsyth Commerce Rd., Ste 124
Orlando, FL 32807

800.922.9883 (Phone)

866.670.5580 (Fax)

www.hydrotekintl.com

