

COBALT® Manual Flush Valve Retrofit Kit Installation Instructions

Part No. 101451/101776



PRIOR TO INSTALLATION

- All plumbing should be installed according to applicable state and local codes and regulations.
- Before installing the I-CON flush valve, ensure the water closet or urinal fixture, drain line and water supply line are properly installed.
- Water supply lines must be the correct size to allow for appropriate water flow for each fixture.
- Flush all water supply lines of any debris before making connections.
- Do not use a pipe sealant or plumbing grease on any components or couplings except the control stop inlet.
- A smooth jaw or strap wrench should be used for installation to prevent damage to the finish of the I-CON flush valve and components.

The I-CON flush valve is designed to operate at water pressures ranging from 15 to 100psi (103 to 689kPa). The fixture type determines the minimum pressure required for the valve. Most low-consumption water closets are designed to operate with a minimum flowing water pressure of 25psi (172kPa). Many building codes and the ASME A112.19.2 standard require maximum static water pressure as 80 psi.

KIT INCLUDES

- Cap
- Square-Profile O-Ring
- Trip Mechanism
- ProLAST® T-Seal



COBALT® Retrofit Kit can be used to retrofit Zurn® or Sloan® manual flush valves.

TOOLS NEEDED

- Flat Head Screwdriver
- Smooth Jaw Wrench
- Strap Wrench

EXISTING COMPONENT REMOVAL

Step 1

Remove control stop cover, if necessary. Turn adjustment screw/wheel **CLOCKWISE** to close control stop.

Step 2

Activate flush valve to relieve pressure.



Step 3

Use strap wrench to remove flush valve cap. Remove all inner components. This commonly includes a diaphragm, trip mechanism, and plastic internal cap.



PROLAST® T-SEAL AND FLUSH VALVE CAP INSTALLATION

Step 1

Install ProLAST® T-Seal, I-CON trip mechanism, and square-profile O-ring.



Step 2

Install I-CON flush valve cap onto flush valve body. Tighten by hand.



ADJUSTING CONTROL STOP

Step 1

Turn adjustment screw/wheel **COUNTERCLOCKWISE** 1/2 turn from closed position. Activate flush valve.

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Step 2

To adjust flush valve, turn adjustment screw/wheel in small increments. Activate flush valve after each adjustment. The proper flow rate should completely cleanse fixture without splashing water outside of fixture.

Step 3

Reinstall control stop cap, if necessary.



INSTALLATION COMPLETE

CARE OF SURFACES

Do not use commercial cleaning compounds to clean flush valve. Abrasive or chemical cleaners may dull luster and attack finishes. Use mild soap and water and then dry with a clean nonabrasive cloth or towel. A microfiber cloth is recommended. Protect flush valve from any splattering when cleaning the floor, tile, or fixtures. **DO NOT USE ACID OR ALCOHOL BASED CLEANERS.**

ADDITIONAL RESOURCES

Scan the QR codes for additional resources on our website.



Product Warranty
Information



Troubleshooting &
Exploded View