

# Model 350/350XL & 375/375XL

## Double Check Valve Backflow Preventer 3/4" - 2"

## Reduced Pressure Principle Backflow Preventer 1/2" - 2"

### Flush Procedure



#### Simple Line Flushing with the 300 Series Flush Fitting Tool 1-1/2" 375XL shown



1 Backflow is installed with ball valves in the closed position



2 Un-bolt and remove EZSwap™ Pressure Vessel.



3 Drop in and install Flush Fitting Tool. Attach hose.



4 Turn on inlet ball valve, direct water to landscaping or safe drain, and flush until clear.



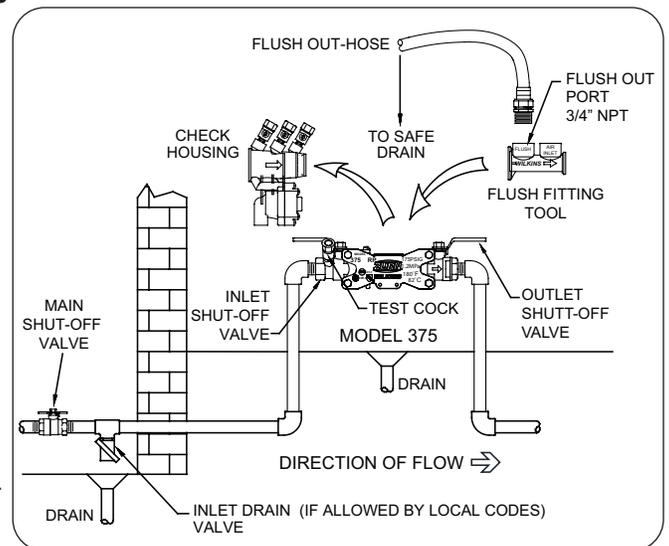
5 Remove Flush Fitting Tool and reinstall EZSwap™ Pressure Vessel.



6 Commission the backflow and start up system.

#### To Flush System during installation, use the following procedures:

- 1a. Install backflow device in pipe system, shut off inlet & outlet ball valves and #1 test cock.
- 1b. Turn on water supply at the main shut off valve.
2. Remove the EZSwap Pressure Vessel from the bronze body.
3. Install flush hose into the "Flush" outlet in the Flush Fitting Tool.
4. Install the orange Flush Fitting Tool into the bronze body.
5. Ensure the flush hose is safely directed to a drain bucket, or toward landscaping, additional hoses may be used if extended length is needed. Slowly open the inlet shut-off valve, allowing flow to begin. Continue flowing water until any debris in the system is completely flushed. Turn water off by closing the inlet shut-off valve.
6. Remove orange Flush Fitting Tool and replace the black EZSwap Pressure Vessel.
7. Slowly open the inlet shut-off valve to pressurize backflow preventer. Once fully open, pressurize the system by slowly opening the outlet shut-off valve.

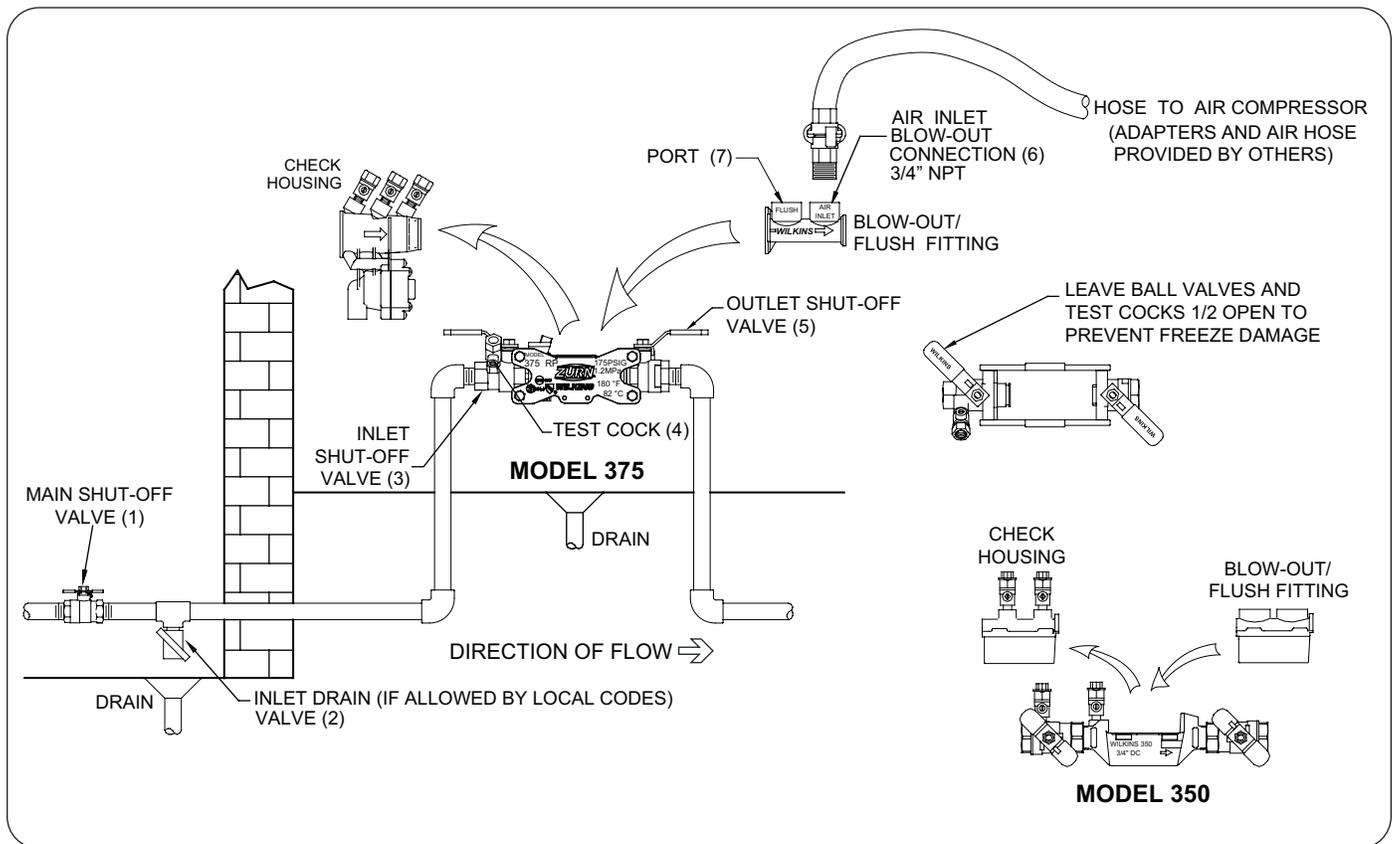


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**WARRANTY:** ZURN WILKINS Valves are guaranteed against defects of material or workmanship when used for the services recommended. If in any recommended service, a defect develops due to material or workmanship, and the device is returned, freight prepaid, to ZURN WILKINS within 12 months from date of purchase, it will be repaired or replaced free of charge. ZURN WILKINS liability shall be limited to our agreement to repair or replace the valve only.



# Procedure for Freeze Protection



## To Blow Out System for freeze protection, use the following procedure:

1. Turn off main shut-off valve (1) that supplies water to the system.
2. Open inlet drain valve in the system (2). Open inlet and outlet shut-off valves on the backflow preventer (3 & 5) and all of the test cocks (4). Leave all valves and test cocks in the half open/half closed (45°) position to allow full drainage of the ball valves and test cocks.
3. Remove black backflow preventer housing. Replace with orange Blow-Out / Flush fitting. Store backflow preventer housing in a safe location for winter. Orange blow out flush fitting may remain in valve body during winter. Place plugs in ports to keep debris from entering housing.
4. A hose can be connected to flush out port (7) to drain water to a safe drain.
5. Connect an air hose to the air inlet connection (6). Inject an adequate volume of air to remove all water from the downstream portion of the system. Do not allow the fitting to overheat.
6. Leave drain valve (2), shut-off valves (3 & 5) and test cocks (4) in the half open/half closed position (45°) for the duration of the winter to prevent freezing.
7. Store valve housing/check assemblies, clamp/sleeve and o-rings in sealed plastic bag during winter to prevent weathering.

**CAUTION:** For freeze protection be certain that main shut-off valve (1) remains tightly closed to prevent refilling of the system. Also, the main shut-off valve must be resilient seated to insure no leakage of water into the system.

