

# Model 80CI

Cast Iron Boiler Regulator  
With Fast Fill/Purge Lever  
(1/2")



## ❑ Installation ❑ Maintenance Instructions

### WARNING:

1. Allow system to cool before servicing.
2. Never open a pressurized system.
3. Always install a boiler pressure relief valve.

MWWP: 100 psi (Factory set @ 15 psi)  
MWWT: 212 °F (Emergency Temperature 250°F)

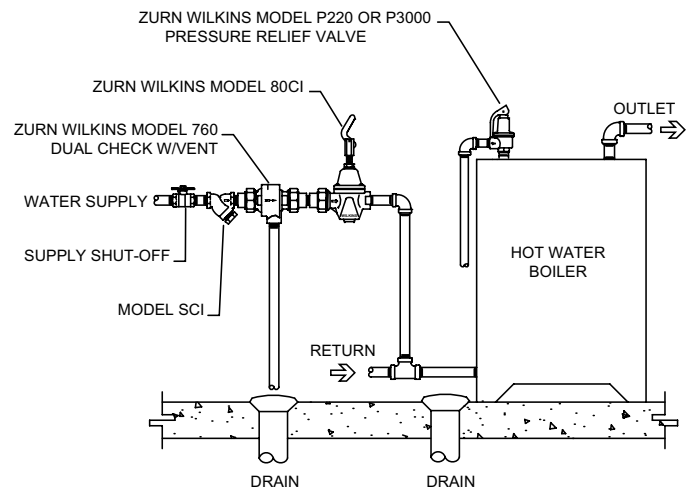
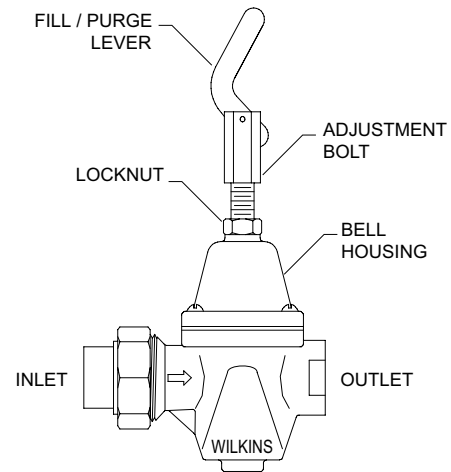
### INSTALLATION INSTRUCTIONS:

1. Prior to installation of the Model 80CI, flush the line to remove all scale, dirt and debris.
2. Install the Model 80CI according to the diagram below with the arrow on the body pointing in the direction of flow.
3. To fill the system, open the shut-off valve (leave this valve open) and engage the fast fill/purge lever on the regulator. Disengage lever when boiler pressure reaches 15 psi. This pressure is sufficient for a three story building.
4. The set pressure may be adjusted if needed by loosening the locknut and turning the adjustment bolt in or out to increase or decrease pressure.
5. The strainer in the regulator body should be cleaned at least twice a year.

### INSTALL VALVE IN LINE WITH ARROW ON VALVE BODY POINTING IN DIRECTION OF FLOW.

Before installing reducing valve, flush out line to remove loose dirt and scale which might damage seal ring and seat. All valves will be furnished with stock settings to reduce to 15 psi (unless otherwise specified). To readjust reduced pressures, loosen locknut and turn adjustment bolt clockwise (into bell housing) to raise reduced pressure, or counterclockwise (out of bell housing) to lower reduced pressure. Reducing valves may be installed in any position, however repair is most suitable if valve is installed with bell housing on top.

**NOTICE: Annual inspection and maintenance is required of all plumbing system components. To ensure proper performance and maximum life, this product must be subject to regular inspection, testing and cleaning.**



**CAUTION: Anytime a reducing valve is adjusted, a pressure gauge must be used downstream to verify correct pressure setting. Do not bottom out adjustment bolt on bell housing. Valve may be installed in any position.**

**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.

**WARNING:** This product is NOT Lead Free in accordance with U.S. Federal Law and is illegal in the U.S. for use in potable services or to install in water systems anticipated for human consumption.

⚠ **WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
⚠ **ADVERTENCIA:** Cáncer y daño reproductivo - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
⚠ **AVERTISSEMENT:** Cancer et néfastes sur la reproduction - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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