



# Backflow Prevention Assembly Installation Application And Guidelines

Cross-Connection ORC  
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(828) 421-4724

Project Name: \_\_\_\_\_

Address of Project: \_\_\_\_\_

Name of General or Utility Contractor: \_\_\_\_\_ Contact: \_\_\_\_\_

Address of General or Utility Contractor: \_\_\_\_\_

Email: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Cell Number: \_\_\_\_\_

Name of Plumber or Fire Sprinkler Contractor: \_\_\_\_\_ License #: \_\_\_\_\_

Email: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Cell Number: \_\_\_\_\_

Address: \_\_\_\_\_

### **Backflow Prevention Assembly Information:**

**Manufacturer:** \_\_\_\_\_ **Model:** \_\_\_\_\_ **Size:** \_\_\_\_\_

**Serial Number:** \_\_\_\_\_ **Location Onsite:** \_\_\_\_\_

<b>Select One</b>
<input type="checkbox"/> Temporary Installation
<input type="checkbox"/> Permanent Installation

<b>Select One</b>
<input type="checkbox"/> Ready for Inspection
<input type="checkbox"/> Will Call for Inspection

<b>Select One</b>
<input type="checkbox"/> Reduced Pressure (RP)
<input type="checkbox"/> Double Check (DC)
<input type="checkbox"/> Reduced Pressure Detector (RPDA)
<input type="checkbox"/> Double Check Detector (DCDA)

<b>Orientation of Service:</b> Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/>
<b>Type of Service:</b> Domestic (DOM) <input type="checkbox"/> Irrigation (IRR) <input type="checkbox"/> Fire Line (FL) <input type="checkbox"/> Combo (Dom & FL) <input type="checkbox"/>

### **Select One for Type of Commercial Hazard or Water Use:**

- Automotive  Car Wash  Commercial  Construction  5 (or more) Story Building
- Fire Service  Food Service  Grocery  Irrigation  Laundry
- Medical / Institutional  Mortuary  Multi-Family  Pesticide
- Pool  Water Front  Industrial  Waste Water Treatment  Other \_\_\_\_\_

**All installations will abide by the Federal Safe Drinking Water Act (P.L. 93-523), the North Carolina State Administrative Code (Title 10, Chapter 10, Subchapter 1-O-D, Subparagraph .1006), and all other State and Federal regulations as they pertain to cross-connections with the public water supply.**

**\*There shall be a site visit before installation, followed by a site inspection after the installation is complete. \***

Signature of Plumber/Contractor \_\_\_\_\_ Date \_\_\_\_\_

Print Plumber/Contractor \_\_\_\_\_

**Office Use: Assembly Approval Date** \_\_\_\_\_ **by** \_\_\_\_\_

# Backflow Prevention Assembly Installation Guide

- The backflow prevention assembly should be as close to the water meter or service connection as possible. In all cases it shall be before the first branch in the water service. *Call the Town of Franklin Cross Connection Control Program for more information about isolation backflow assemblies.*
- The double check valve and reduced pressure assemblies shall be installed at least 12 inches above the finished grade, flood level, or floor.
- The maximum installation height of a backflow prevention assembly is sixty inches.
- An enclosure shall be provided that protects the assembly from theft, vandalism, tampering, weather, and freezing.
- There shall be 12 inches clearance on all sides of the assembly.
- Electrical equipment, outlets and breaker boxes shall not be located beneath the assembly.
- Only in-line testable assemblies approved by the USC Foundation for Cross Connection Control and Hydraulic Research (USC-FCCCHR) shall be accepted.
- The type of assembly shall be appropriate for the hazard as identified by the Town of Franklin Cross Connection Control Program.
- Prior to installing assemblies it is recommended that the Cross Connection Program be contacted to verify that the type of assembly being used is appropriate for the hazards.
- Installation, relocation, replacement, and removal of backflow prevention assemblies require a Town of Franklin notification, inspection, and approval. Water meters will not be set until the Town of Franklin has inspected and approved the backflow prevention assembly and its installation.
- It is the responsibility of the **installer** to ensure that backflow prevention assemblies function properly and are tested by a certified tester within 15 days of the installation. The completed Town of Franklin backflow preventer test and maintenance form must then be submitted to [crossconnection@franklinnc.com](mailto:crossconnection@franklinnc.com).