



Backflow Preventer Installation Procedures and Requirements

New Installation:

1. A plumbing permit must be pulled at Building Inspections prior to installation. The cost for the permit is \$60.00. Failure to obtain a plumbing permit will result in enforcement action against both the plumber and business acquiring plumbing services.
2. Licensed irrigators can install the backflow preventer(s) on irrigation systems. A licensed plumber must install all other backflow assemblies.
3. City ordinance requires that backflow assemblies must be installed with adequate space for testing (Sec 13-177), in a horizontal position, and in such a manner so that the assembly is protected against freezing. The device must not be more than 5 feet off the ground unless prior approval is granted by the Environmental Services Department.
4. All connections made downstream from a Reduced Pressure Principle Device (RPZ) for the purpose of protection from carbonated beverage machines must use non-copper piping and fittings such as CPVC. Absolutely no copper piping or fittings may be used downstream.

New Installation Testing:

1. The Environmental Services Department must be notified and all assemblies must be tested. For the initial backflow assembly inspection, call Environmental Services at (972) 237-8055. The testing fee is \$100.00 per assembly. All assemblies must be tested before Certificate of Occupancy and continuous water service is approved by Environmental Services.
2. If the assembly fails inspection, water service to/through that assembly will not be restored until the assembly has been repaired or replaced. The re-inspection fee is \$50.00.
3. Upon completion of installation, a plumbing inspection must be made and a green tag issued. Call (972) 237-8007 for a plumbing inspection.

Annual Requirements:

1. As part of the City's annual backflow prevention program, a registration fee of \$35.00 per device is billed beginning the year following initial inspection. This is reflected on the customer's water bill.
2. All assemblies must be tested annually. The City will notify the owner/manager that their assembly(s) must be tested within 30 days. A list of certified testers with the City will be attached.
3. The City must be notified if the assembly is moved and immediately after repairs. Assemblies may only be repaired with manufacturer's parts.

Please contact Kasi Clay at (972) 237-8224 with questions regarding installation, testing, or repairs.