

CITY OF LAWRENCEVILLE

P.O. Box 2200
Lawrenceville, Georgia 30046
770/963-2414

MINIMUM CONTAINMENT PROTECTION REQUIREMENT RESIDENTIAL NEW and RETROFITS (Nonhazardous)

SERVICE METER SIZES: through 1-inch

DUAL CHECK (DuC) BACKFLOW PREVENTER (BFP)

SPECIFICATIONS: The customer/consumer/owner shall furnish and have installed a Dual Check (DuC) Backflow Preventer (BFP) in a size to match the required service piping or meter. The dual check backflow preventer shall meet the requirements of ASSE standard 1024 and bear the ASSE seal. The dual check backflow preventer shall be bronze-bodied, have replaceable seats, include a female union and a swivel nut with meter threads for the meter side connection. The union adaptor and swivel nut shall be provided with wrench flats to facilitate tightening, and the union nut drilled to accept tamper proof locking wire. Additionally, the DuC-BFP shall be tapped to facilitate testing (as required). The device shall be embossed or have a brass identification tag securely attached to the valve body with corrosion resistant mechanical fasteners, and shall include the following information:

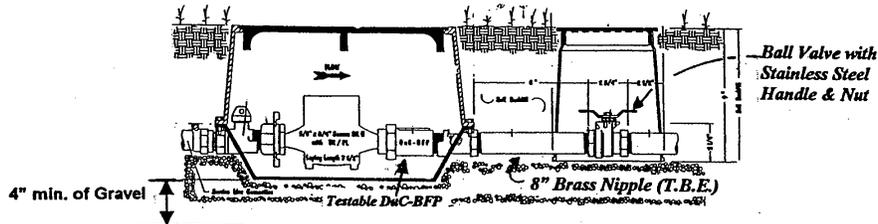
1. Name of manufacturer or trademark.
2. Type and model number of the device.
3. Maximum rated working pressure and temperature
4. Direction of flow through the device.
5. Inlet and outlet connection pipe size.
6. Date of manufacture or serial number.

INSTALLATION INSTRUCTIONS: The DuC-BFP shall not be buried in earth but may be installed below grade as in the water system's meter box attached to the meter outlet or in an adjacent similar enclosure. A positive shut-off, full port ball valve, with stainless steel handle and nut, shall be near the inlet and outlet sides. When the DuC-BFP is attached directly to the meter, the water system's curb stop (valve) may be substituted for the inlet-side valve.

*******CAUTION: See---THERMAL EXPANSION WARNING---over*******

Lawrenceville...In the Dynamic Metropolitan Atlanta Area

TYPICAL METER BOX INSTALLATION



NOTE: For final approval unit must be clean and ball valve accessible.

****SPECIAL CAUTION****

THERMAL EXPANSION: When water is heated and stored in a consumer's water system, or a branch of the system, that has been closed by the installation of a backflow prevention device, or any other checking device; an auxiliary relief valve, or expansion chamber shall be installed to limit thermal expansion of the water being heated to not more than 80 psi static (no flow) pressure at any fixture on the system.*

*See the amended State of Georgia Plumbing Code for further clarification

RECOMMENDED TESTING/MAINTENANCE

Dual Check (DuC) Backflow Preventers (BFP) should be tested/inspected annually if a need is indicated and/or if specified in the manufacturer's instructions, or as required by the City of Lawrenceville Backflow Program. Worn or damaged components within a device should be replaced as indicated by the inspection or as required by the City of Lawrenceville Backflow Program.

Additional information can be obtained as noted below:

City of Lawrenceville
Water Department/Backflow Program
70 South Clayton Street
Lawrenceville, GA 30046
678-442-9256