

Section 705.070 Backflow Prevention Devices.
[CC 1992 §705.070; Ord. No. 442 §7, 5-10-1988]

- A. Any backflow prevention device required by this Chapter shall be of a model or construction approved by the Water Purveyor and the Missouri Department of Natural Resources.
 - 1. Air-gap separation to be approved shall be at least twice the diameter of the supply pipe measured vertically above the top rim of the vessel, but in no case less than one (1) inch.
 - 2. A double-check valve assembly or a reduced pressure principle backflow prevention device shall be approved by the Water Purveyor and shall appear on the current "list of approved backflow prevention devices" established by the Missouri Department of Natural Resources.
- B. Existing backflow prevention devices approved by the Water Purveyor at the time of installation and properly maintained shall, except for inspection and maintenance requirements, be excluded from the requirements of this Chapter so long as the Water Purveyor is assured that they will satisfactorily protect the water system. Whenever the existing device is moved from its present location or requires more than minimum maintenance or when the Water Purveyor finds that the maintenance constitutes a hazard to health, the unit shall be replaced by a backflow prevention device meeting the requirements of this Chapter.

Section 705.080 Installation.
[CC 1992 §705.080; Ord. No. 442 §8, 5-10-1988]

- A. Backflow prevention devices required by this Chapter shall be installed at a location and in a manner approved by the Water Purveyor and shall be installed at the expense of the water consumer.
- B. Backflow prevention devices installed on the service line to the consumer's water system shall be located on the consumer's side of the water meter, as close to the meter as is reasonably practical and prior to any other connection.
- C. Backflow prevention devices shall be located so as to be readily accessible for maintenance and testing, protected from freezing and where no part of the device will be submerged or subject to flooding by any fluid.

Section 705.090 Inspection and Maintenance.
[CC 1992 §705.090; Ord. No. 442 §9, 5-10-1988]

- A. It shall be the duty of the consumer at any premises on which backflow prevention devices required by this Chapter are installed to have inspection, tests and overhauls made in accordance with the following schedule or more often where inspections indicate a need.
 - 1. Air-gap separations shall be inspected at the time of installation and at least every twelve (12) months thereafter.
 - 2. Double-check valve assemblies shall be inspected and tested for tightness at the time of installation and at least every twelve (12) months thereafter. They shall be dismantled, inspected internally, cleaned and repaired whenever needed and at least every thirty (30) months.
 - 3. Reduced pressure principle backflow prevention devices shall be inspected and tested for tightness at the time of installation and at least every twelve (12) months thereafter. They shall be dismantled, inspected internally, cleaned and repaired whenever needed and at least every five (5) years.
- B. Inspections, tests and overhauls of backflow prevention devices shall be made at the expense of the

water consumer and shall be performed by a State of Missouri certified backflow prevention device tester.

- C. Whenever backflow prevention devices required by this Chapter are found to be defective, they shall be repaired or replaced at the expense of the consumer without delay.
- D. The water consumer must maintain a complete record of each backflow prevention device from purchase to retirement. This shall include a comprehensive listing that includes a record of all tests, inspections and repairs. Records of inspections, tests, repairs and overhauls shall be made available to the Water Purveyor upon request.
- E. Backflow prevention devices shall not be by-passed, made inoperative, removed or otherwise made ineffective without specific authorization by the Water Purveyor.

Section 705.100 Violations.

[CC 1992 §705.100; Ord. No. 442 §10, 5-10-1988]

- A. The Water Purveyor shall deny or discontinue, after reasonable notice to the occupants thereof, the water service to any premises wherein any backflow prevention device required by this Chapter is not installed, tested and maintained in a manner acceptable to the Water Purveyor or if it is found that the backflow prevention device has been removed or by-passed or if an unprotected cross-connection exists on the premises.
- B. Water service to such premises shall not be restored until the consumer has corrected or eliminated such conditions or defects in conformance with this Chapter to the satisfaction of the Water Purveyor.