

**3745-95-06 Backflow prevention devices.**

- (A) Any backflow prevention device required by rules 3745-95-04 and 3745-95-05 of the Administrative Code shall be of a model or construction approved by the supplier of water and conform to at least one of the following standards:
- (1) For air gap separations: American National Standards Institute standard A112.1.2 - 1991;
  - (2) For reduced pressure principle backflow prevention assemblies: American National Standards Institute/American Water Works Association standard C511-97 (1997), or American Society of Sanitary Engineering standard 1013-99 (1999), or Canadian Standards Association standard B64.4-01 (2001), or Foundation for Cross Connection Control and Hydraulic Research, University of Southern California Specifications of Backflow Assemblies for Reduced Pressure Principle Assemblies - ninth edition (1993);
  - (3) For double check valve assemblies: American National Standards Institute/American Water Works Association standard C510-97 (1997), or American Society of Sanitary Engineering standard 1015-99, or Canadian Standards Association standard B64.5-01 (2001), or Foundation for Cross Connection Control and Hydraulic Research, University of Southern California Specifications of Backflow Assemblies for Double Check Valve Assemblies - ninth edition (1993);
  - (4) For reduced pressure principle-detector assemblies: American National Standards Institute/American Society of Sanitary Engineering standard 1047-99 (1999), or Canadian Standards Association standard B64.4.1-01 (2001), or Foundation for Cross Connection Control and Hydraulic Research, University of Southern California Specifications of Backflow Assemblies for Reduced Pressure Principle-Detector Assemblies - ninth edition (1993); or
  - (5) For double check-detector check valve assemblies: American National Standards Institute/American Society of Sanitary Engineering standard 1048-99 (1999), or Canadian Standards Association standard B64.5.1-01 (2001), or Foundation for Cross Connection Control and Hydraulic Research, University of Southern California Specifications of Backflow Assemblies for Double Check-Detector Assemblies - ninth edition (1993).
- (B) Any backflow prevention device required by rules 3745-95-04 and 3745-95-05 of the Administrative Code shall be installed at a location and in a manner approved by the supplier of water and shall be installed at the expense of the water consumer. In addition, any backflow prevention device required by paragraphs (B) and (C) of rule 3745-95-05 of the Administrative Code shall be installed at a location and in a manner approved by the director as required by section 6109.13 of the Revised Code.

- (C) It shall be the duty of the water consumer to maintain any backflow prevention device required by rules 3745-95-04 and 3745-95-05 of the Administrative Code in proper working order and in continuous operation.
- (1) The supplier of water shall retain authority over any backflow prevention device required by rules 3745-95-04 and 3745-95-05 of the Administrative Code.
  - (2) It shall be the duty of the supplier of water to see that the tests and inspections required under this paragraph are made.
  - (3) The consumer shall, on any premises on which backflow prevention devices required by rules 3745-95-04 and 3745-95-05 of the Administrative Code are installed, have thorough inspections and operational tests made of the devices at the time of installation or repair, and as may be reasonably required by the supplier of water or the director, but in all cases at least once every twelve months. These inspections and tests shall be at the expense of the water consumer and shall be performed by the supplier of water or a person approved by the supplier as qualified to inspect and test backflow prevention device.
  - (4) These devices shall be repaired, overhauled or replaced at the expense of the consumer whenever they are found to be defective.
  - (5) Records of such inspections, tests, repairs and overhaul shall be kept by the consumer and made available to the supplier of water.
- (D) The supplier of water shall inspect or cause to be inspected all installations where an approved connection exists between an auxiliary water system and the public water system or a consumer's water system at least once every twelve months and shall maintain an inventory of all such installations and inspection records. Such inventories and inspection records shall be made available during sanitary surveys and at other reasonable times.
- (E) Backflow prevention devices approved by the supplier of water and conforming to prior or subsequent editions of the standards cited in paragraph (A) of this rule, and which are properly maintained in accordance with paragraph (C) of this rule shall be excluded from the requirements of paragraphs (A) and (B) of this rule if the supplier of water and the director are assured that the devices will satisfactorily protect the public water system.

[Comment: This rule incorporates the following standard by reference: American National Standards Institute standard A112.1.2 - 1991, Air Gaps in Plumbing Systems R(1991). At the effective date of this rule, a copy may be obtained from Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112, phone: 303-397-7956 or 800-854-7179, world-wide web address: <http://global.ihs.com/>. This document is available for review at Ohio EPA, Lazarus

Government Center, 122 South Front Street, Columbus, OH, 43215-3425.]

[Comment: This rule incorporates the following standards by reference: American National Standards Institute/American Water Works Association standard C510-97 and American National Standards Institute/American Water Works Association standard C511-97. At the effective date of this rule, a copy of these documents may be obtained from AWWA, 6666 W. Quincy Ave., Denver, CO, 80235, phone: 800-926-7337, world-wide web address: <http://www.awwa.org/> or from Global Engineering Documents, 15 Inverness Way East, Englewood, CO 80112, phone: 303-397-7956 or 800-854-7179, world-wide web address: <http://global.ihs.com/>. These documents are available for review at Ohio EPA, Lazarus Government Center, 122 South Front Street, Columbus, OH, 43215-3425]

[Comment: This rule incorporates the following standards by reference: American Society of Sanitary Engineering standard 1013-99, American Society of Sanitary Engineering standard 1015-99, American National Standards Institute/American Society of Sanitary Engineering standard 1047-99, and American National Standards Institute/American Society of Sanitary Engineering standard 1048-99. At the effective date of this rule, a copy these documents may be obtained from American Society of Sanitary Engineering, 901 Canterbury Road, Suite A, Westlake, OH, 44145-1480, phone: 440-835-3040, world-wide web address: <http://www.asse-plumbing.org/> or from Global Engineering Documents, 15 Inverness Way East, Englewood, CO, 80112, phone: 303-397-7956 or 800-854-7179, world-wide web address: <http://global.ihs.com/>. These documents are available for review at Ohio EPA, Lazarus Government Center, 122 South Front Street, Columbus, OH, 43215-3425]

[Comment: This rule incorporates the following standards by reference: Canadian Standards Association standard B64.4-01, Canadian Standards Association standard B64.5-01, Canadian Standards Association standard B64.4.1-01 and Canadian Standards Association standard B64.5.1-01. At the effective date of this rule, a copy of these documents may be obtained as "B64 Series-01: Backflow Preventers and Vacuum Breakers" from Canadian Standards Association, 5060 Spectrum Way, Suite 100, Mississauga, Ontario, L4W 5N6, Canada, world-wide web address: <http://www.csa.ca/default.asp?language=english>. These documents are available for review at Ohio EPA, Lazarus Government Center, 122 South Front Street, Columbus, OH, 43215-3425]

[Comment: This rule incorporates portions of the following manual by reference: The Manual of Cross-Connection Control, Ninth Edition, published by The Foundation for Cross Connections Control and Hydraulic Research, University of Southern California. At the effective date of this rule, a copy of this document may be obtained from The Foundation for Cross Connection Control and Hydraulic Research, University of Southern California, Kaprielian Hall 200, Los Angeles, CA 90089-2531, phone: 213-740-2032, world-wide web address: <http://www.usc.edu/dept/fccchr/>. This document is available for review at Ohio EPA, Lazarus Government Center, 122 South Front Street, Columbus, OH 43215-3425]

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