

Backflow Prevention Assemblies require annual testing and are available from a variety of manufacturers. A few samples are shown here.



Visit these websites for more information.



[www.michigan.gov/deq](http://www.michigan.gov/deq)



<http://www.conbraco.com>



<http://www.febconline.com>



<http://www.flomatic.com/>



<http://www.watts.com/>



<http://www.zurn.com>

## Backflow Prevention

## Assembly Testing

This Public Service Brochure provided by:

 HydroDesigns

5700 Grooks Road, Suite 100

Troy, MI 48098

(800) 690-6651 or (248) 250-5000

(248) 786-1789 Fax

[www.hydrodesignsinc.com](http://www.hydrodesignsinc.com)

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## Backflow Prevention Assembly Testing

Experience has shown that there is not a mechanical device that can be depended upon unless it is checked, tested and maintained on a regular basis. Backflow Prevention devices are required to be installed in specific locations to protect the safety of the drinking water. Certain testable devices, or assemblies, must be tested on a regular basis.

**Q. Are all backflow prevention devices testable?**

**A.** No, the testable backflow prevention assemblies are:

- Double Check Valve Assembly
- Double Detector Check Valve Assembly
- Pressure Vacuum Breaker Assembly
- Reduced Pressure Backflow Preventor Assembly
- Reduced Pressure Detector Assembly
- Spill-Resistant Vacuum Breaker Assembly

**Q. Are permits required?**

**A.** Check with your local plumbing or building department regarding regulations for permit requirements.

**Q. Will my water service be interrupted during the test?**

**A.** Yes. The water supply to the backflow preventor assembly must be turned off during testing. Depending upon the type of assembly the time for testing typically takes 10-30 minutes. Additional time may be needed for repairs if required.

**Q. What should I do with the test form?**

**A.** The certified tester will complete a form with the necessary information required by the water utility. This form should be copied and retained for your records. The original should be submitted as directed by the local water utility.

**Q. Are there any regulations regarding backflow prevention assembly testing?**

**A.** Yes, The State of Michigan, Act 399, Part 14, Michigan Plumbing Code, and local Cross-Connection Control (CCC) program requirements.

**Q. Who can test or install backflow prevention assemblies?**

**A.** A certified backflow preventor tester. This is a professional who has proven their ability in testing and satisfies the requirements of the local authority.

**Q. How often do I have my backflow prevention assemblies tested?**

**A.** All assemblies must be tested initially upon installation and at yearly intervals thereafter. The City inspector may require more frequent testing based upon degree of hazard, or concerns with water quality.

**Q. What is a backflow prevention device?**

**A.** Any device or assembly that has been approved to prevent backflow into the public drinking water supply. An approved backflow prevention device will prevent backsiphonage and/or backpressure. The appropriate device will be determined during your facility survey by the cross-connection control inspector.

**Q. Where can I obtain a list of certified testers?**

**A.** Contact your local water utility for a listing of certified testers or the Michigan Department of Environmental Quality at 517-241-1242 or contact Hydro Designs, Inc. at 1-800-690-6651.

**Q. How much will it cost to have my backflow prevention assembly tested?**

**A.** The cost for testing will vary depending on the size of the assembly, the location of the assembly and if the assembly is to be tested during normal working hours. Testing prices may vary by firms/individuals certified to test. You are encouraged to obtain multiple quotes for comparison.