

## **BACKFLOW PREVENTION DEVICE INFORMATION**

1. Backflow Prevention Assemblies shall be installed so that the inlet shut-off valve of the backflow preventer is the next item (including piping) after the water meter, except where a meter bypass, limited area fire system or strainer is needed.
2. Where the water meter is located in the pit and the backflow preventer has been approved to be installed in the building, the backflow assembly inlet valve shall be twelve (12) inches from the wall or immediately after the ninety degree bend where the supply enters from the floor.
3. All assemblies are to be installed in a horizontal orientation.
4. Each backflow shall be placed a minimum of 12" from any wall or obstruction – test cocks shall be a minimum of 24" from any wall or obstruction. The device shall be located no less than 12" nor more than 30" above the floor (measured from the lowest point on the assembly). Minimum and maximum ground clearance is measured from the flow to the lowest part of the assembly.
5. Each installation shall include properly located test cocks and manufacturer approved tightly closing shut-off valves.
6. No Backflow Prevention Assembly shall be subject to excessive heat or freezing.
7. It is recommended that a floor drain be installed as close as possible to the assembly.
8. Reduced Pressure Principal Backflow Assemblies shall never be installed in a pit, vault or any area subject to flooding and shall always have an approved Air Gap Assembly.
9. Reduced Pressure Assemblies shall incorporate the use of the manufacturer's drain funnel on the relief valve to provide the proper air gap.
10. Pressure Vacuum Breakers shall never be subject to back pressure and must be installed a minimum of 12" above the highest downstream discharge.
11. Lawn Irrigation Systems shall not have any exposed tees, drains or hose bibs.
12. Backflow Prevention Assemblies shall prevent the release of on-site pressure to the public distribution water system. Therefore, internal compensation in accordance with the Ohio Plumbing Code shall be considered and made when needed to relieve any excessive increase in on-site pressure due to hot water heating systems or other heat sources.

13. No Backflow Prevention Assembly shall be bypassed unless the bypass line contains equal backflow protection and the approval of the Groveport Water Department.
14. **Per Ohio EPA regulations, a yearly inspection of the Backflow Prevention Assembly must be conducted by a Certified Backflow Prevention Assembly Tester, with documentation provided to the Groveport Water Department. Failure to comply will result in loss of credit on Quarterly Water Bill.**