















Illinois Section of the American Water Works Association
 BACKFLOW COMMITTEE
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Regulatory Standards for
 Backflow Protection

Backflow Bulletin #3.1

Use this Bulletin in
 conjunction with Bulletin #3

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| 2 | ASME A112.1.3 |  | Air Gap Fittings – for use with plumbing fixtures and appliances such as water softener drains or similar. |
| 4 | ASSE 1001 |  | Atmospheric Vacuum Breaker – Critical Level of AVB must be installed at least 6” above all downstream piping with NO valves downstream. |
| 5 | ASSE 1002* |  | ← Vacuum breaker above water level Anti-Siphon Fill Valves (Ballcock) for Gravity Water Closet Flush Tanks. |
| 6 | ASSE 1011, 1052* |  | Hose Bibb Vacuum Breaker (for indoor use). |
| 7 | ASSE 1011, 1052* |  | Anti-Frost Hose Bibb Vacuum Breaker – For use on outdoor hose bibs where it could be exposed to freezing. |
| 8 | ASSE 1012 |  | Vented Dual Check Valve – For supplies to <u>untreated</u> boilers with less than 15 psig steam or maximum water pressure of 30 psig, or other non-health hazard fixtures. |
| 9 | ASSE 1013 |  | Reduced Pressure Principle Backflow Prevention Assembly – Requires annual testing. Can be used on used on high (health) or low hazard connections. |
| 10 | ASSE 1014 |  | Dual Check / Double Check / Vacuum breaker for handheld showers or similar. Use on low hazard (pollutant) connections only. |
| 11 | ASSE 1015 |  | Double Check Valve Backflow Prevention Assembly – Requires annual testing. Use on low hazard (pollutant) connections only. |
| 12 | ASSE 1019* |  | Vacuum Breaker wall hydrants, freeze resistant automatic draining type. |
| 13 | ASSE 1020 |  | Pressure Vacuum Breaker – Requires annual testing. Can be used on used on high (health) or low hazard connections. This assembly is NOT allowed in Illinois |
| 14 | ASSE 1032 |  | Carbonated Beverage Backflow Preventer Dual Check Valve. |

**These backflow preventers can be found at hardware stores. A local plumbing permit may be required for installation.*

ALWAYS CHECK WITH YOUR WATER UTILITY, INSPECTORS, AND CITY OR COUNTY STAFF FOR LOCAL REQUIREMENTS

This Bulletin has been provided as a service to all Illinois plumbers & testers, municipal employees, & water professionals. This is our interpretation of existing Illinois plumbing codes and IEPA regulations. Accuracy is critical. If you are a professional with questions or concerns over our interpretations, please contact us immediately.
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