

Notice for District Customers Who Have or Plan to Install a Lawn Irrigation System

Installation of a lawn irrigation system is required to have a backflow assembly installed per Rhode Island General Laws Title 46 Chapter 46-13 Public Drinking Water Protection. The backflow device must be approved by the Portsmouth Water & Fire District prior to installation and inspection. Contact Mike Hebert, Cross Connection Control Manager, for more information at 401 683-2090 ext.228

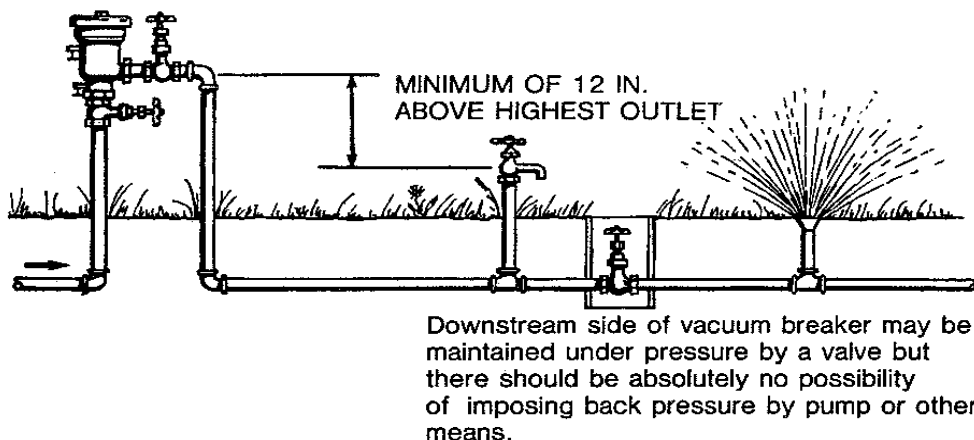
Typical Installation of a Pressure Vacuum Breaker on a Lawn Irrigation System...

The Pressure Vacuum Breaker is designed for areas where back-siphonage could occur and there is continuous operating pressure. Do not install in areas subject to back pressure or with a chemical injection system.



The Pressure Vacuum Breaker Assembly must be at least (12) inches above the highest outlet/sprinkler head with no draw off/hose bib connection on the inlet side of the assembly and is required to be tested annually.

Approved Installation of Pressure Vacuum Breaker



NOTES:

Residential Service – requires installation of a Dual Check Valve after the water meter and a Pressure Vacuum Breaker installed on the lawn irrigation system.

Lawn irrigation systems that are injecting chemicals or pressurized, and where it does not meet the (12) inch minimum separation – requires installation of a Reduced Pressure Zone (RPZ) Backflow Assembly.

Water Well (Existing or New) – requires installation of a Reduced Pressure Zone (RPZ) Backflow Assembly immediately after the water meter.