



City of Cleveland

Frank G. Jackson, Mayor

Department of Public Utilities

Division of Water
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To: All Building Departments, Plumbing Contractors and Residential Customers

From: Cleveland Division of Water – Backflow Prevention Unit (216) 664-3944

Subject: Lawn Irrigation Systems

The Cleveland Division of Water requires that **all** Lawn Irrigation Systems be protected with a Pressure Vacuum Breaker or a Reduced Pressure backflow assembly on all commercial and residential accounts.

Requirements for installing Backflow assemblies:

Reduced Pressure Principle Backflow Prevention Device

Standard Number ASSE 1013

Limitation – May not be installed in a pit

Pressure Vacuum Breaker

Standard Number ASSE 1020

Limitation – Must be installed at least 12" above the highest down-stream use.

Requirements for testing:

1. Upon installation
2. Annually
3. Upon repair

Testing must be performed by a person possessing a valid certificate of competence issued by the Cleveland Division of Water to test backflow prevention devices.

Lawn Irrigation Systems should be tested at the start-up of the system in the spring.

CAUTION: These back flow assemblies maybe susceptible to freezing at temperatures of 32° Fahrenheit or below.