



City of Rathdrum

Public Works Department
8047 W Main Street
Rathdrum, ID 83858
208-687-2700

IRRIGATION & SPRINKLER SYSTEMS Backflow Prevention Methods

Sprinkler systems are considered *high hazard*.

PVB – Pressure Vacuum Breaker:

Used in a system which is under pressure more than 12 hours. Should be installed 12” above highest head in each zone to allow free drainage of surrounding ground. No chemicals can be injected or mixed into the system. No pressure source may exist on sprinkler side of device.

AVB – Atmospheric Vacuum Breaker:

Used in a system under pressure less than 12 hours a day. Shall be installed 6” above surrounding ground and above a sufficient number of heads, as not to subject VB to back pressure or drainage. ***NO SHUT-OFF VALVES DOWNSTREAM*** of this device. No chemicals can be injected or mixed into the system. No pressure source may exist on sprinkler side of device.

RP – Reduced Pressure Backflow Prevention Device:

Approved on any irrigation system. This device must be set a minimum of 12” above ground level or above flood level.

ALL DEVICES SHALL BE TESTED BY A STATE CERTIFIED TESTER WHEN INSTALLED, REPAIRED, AND A MINIMUM OF ONCE A YEAR. THEREAFTER, THE CITY OF RATHDRUM SHALL BE NOTIFIED UPON INSTALLATION, REPAIR AND TESTING.

NOTE:

- Section 608 International Plumbing Code
- The piping above ground shall be galvanized or copper
- Dual check valves are not approved for sprinkler systems