

BACK FLOW PREVENTER CHECKLIST

MAIN WATER CONNECTION OUTSIDE

- Connection to the main water is after the water meter.
- Connection to the main water is made with approved fittings
- Connection, piping and valve is 6" below the frost line or the valve box extends to 6" below the frost line. P608.14.2
- There should be no fittings between the shut off valve and the back flow preventer.
Exceptions: lockable shut off valves and unions. P608.7
- The back flow preventer is mounted or supported
- The back flow preventer is connected with unions so it can be removed to prevent it from freezing. Exception: Wilkins 375, the back flow device is removable from the housing or frame.
- Check for leaks

MAIN WATER CONNECTION INSIDE

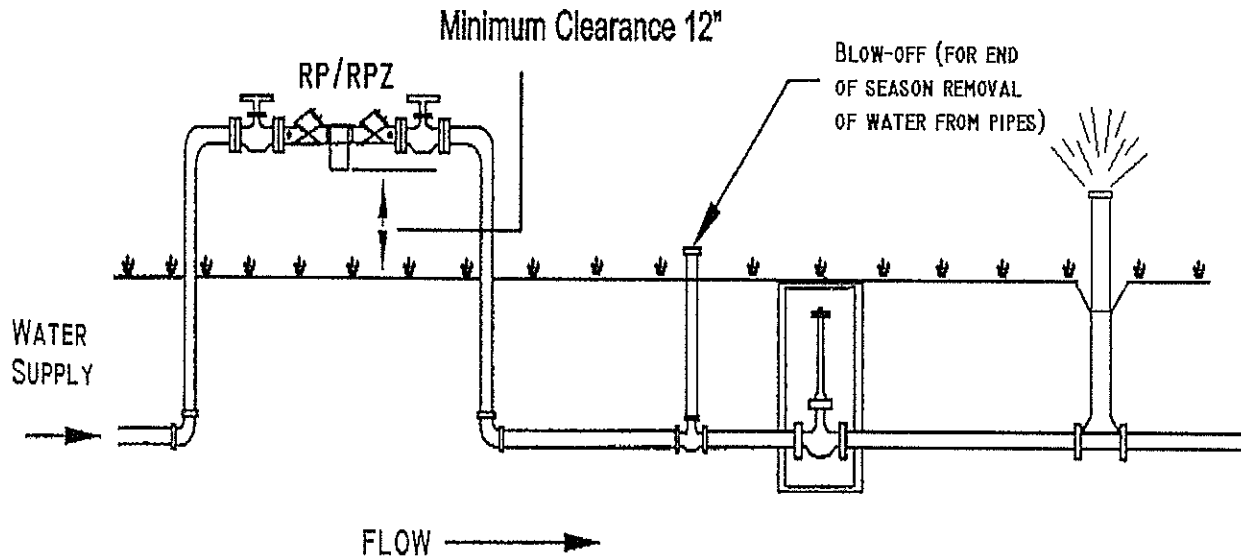
- Connection to the main water supply is made with approved fittings
- An approved shut off valve is installed
- If piping for the back flow preventer is installed in an area where the pipe may be concealed, it must be CPVC pipe. PVC pipe is only allowed in an unfinished mechanical room.
- There should be no fittings between the shut off valve and the back flow preventer.
Exceptions: lockable shut off valves and unions. P608.7
- The pipe is sealed where it exits the dwelling.
- The back flow preventer is mounted or supported.
- The back flow preventer is connected with unions so it can be removed to prevent it from freezing. Exception: Wilkins 375, the back flow device is removable from the housing or frame.
- If a Reduced Pressure Back Flow Device is used there needs to be a floor drain.
- Check for leaks.

BACK FLOW PREVENTION DEVICES

- Lawn irrigation systems are considered high hazard, therefore only Reduced Pressure Principle or Pressure Vacuum Breaker Devices are permitted.
- Check the height of the back flow preventer is appropriate for its application.
See the photos on the back.
- Back flow preventer test has been performed and report has been submitted to the Spotsylvania County Utilities Dept.

RPBA...REDUCED PRESSURE BACKFLOW ASSEMBLY

- Only one RPBA required to serve the whole system; control valves can be located downstream of the RPBA.
- RPBA's must be installed a minimum of one foot (12") above ground level.
- RPBA's must be tested by a Certified Backflow Assembly Tester...when installed ...annually ...when moved or repaired.
- In an RPBA equipped system, fertilizer and other agricultural chemicals may be introduced downstream of (after) the RPBA.



PVB...PRESSURE VACUUM BREAKER ASSEMBLY

- Only one PVB required to serve the whole system; control valves can be located downstream of (after) the PVB. (Maximum size = 2").
- PVB's must be installed a minimum of 1 foot (12") above the highest point of water they serve.
- PVB's must be tested by a Certified Backflow Assembly Tester ...at the time of installation ...annually...when moved or repaired.
- No chemical or fertilizer may be introduced into an irrigation system equipped with PVB's.
- No pumps or back pressure on downstream side of (after) a PVB.

