Residential Backflow Prevention Devices

Typical types of hose bib vacuum breakers for use on exterior faucets and laundry tub faucets with hose bibs.

All devices must be stamped with an ASSE approval number into the casing.

- **Anti-Siphon hose bib (spigot)** with built-in back siphon protection. No further protection needed.
- **Non-testable Atmospheric Vacuum Breaker (AVB)** for use on lawn sprinkler systems not under continuous pressure (note the shut off valve not permitted on sprinkler side (downstream) of the device).
- **Testable Pressure Vacuum Breakers (PVB)** for use on typical lawn sprinkler systems under continuous pressure (note unprotected hose bib on house (upstream) side of PVB as circled in red above).
- **Water assisted backup sump pump protection with a required RPZ backflow prevention assembly**.
- **Dual Check Valve Device with atmospheric vent** for use on non-chemically treated boilers.
- **Reduced Pressure Zone (RPZ) assembly** for use on chemically treated (glycol) boilers and water assisted back-up sump pumps.