



Backflow Bulletin #4

RESTAURANTS & FOOD SERVICE

Connections to look for and recommended protection

* VB = Atmospheric Vacuum Breaker (PVB not allowed)
 * DuC = Dual Check Valve w/Atmospheric Vent (ASSE 1012 or ASSE 1022)
 * RP (aka RPZ) = Reduced Pressure Zone Backflow Preventer
 * AG = Air Gap (ASSE 1055 or similar)

- **Dishwasher, Glasswasher, or Mop Basin - No Chemicals**
Backflow protection is not required but is recommended.
- **Dishwasher, Glasswasher, or Mop Basin – W/Chemicals**
Direct or indirect chemical injection
- **3 Compartment Sink or Sink w/Pre-Rinse Faucet – No Chemicals**
Fixed height without a spring or pull-down with a spring
- **3 Compartment Sink or sink w/Pre-Rinse Faucet – W/Chemicals**
Fixed height without a spring or pull-down with a spring. Chemical injection
- **Garbage Disposer with Rim Rinse**
Direct water connection below the bowl. If VB, it must be above the rim.
- **Ice Machine – Built-in or free standing**
Water cooled and non-water cooled
- **Beverage Dispenser - Non-carbonated**
Includes coffee, tea, juice, cappuccino, etc. Any unit connected to the water
- **Beverage Dispenser - Carbonated** (copper piping is not allowed!)
A carbonated beverage backflow preventer (ASSE 1032) should be installed.
- **Trap Primer (Floor Drain)**
Generally the primer is located under a sink or behind a wall access cover
- **Food Equipment**
Such as: Steamer, Food Warmer, Rethermalizer, Combi unit, WOK, etc
- **Chemical Dispenser – Wall hung or free standing.**
Look for ANSI or ASSE approved backflow protection sticker, VB, RP, etc

<u>VB</u>	<u>DuC</u>	<u>RP</u>	<u>AG</u>
√	√	√	√
√		√	√
√	√	√	√
√		√	√
√		√	√
√	√	√	√
√	√	√	√
	√ Vented DuC ASSE 1032	√ stainless steel	√
			√
√	√	√	√
√		√	√

Note that an air gap is always best!

Miscellaneous:

- ▶ Hose bibs, mop basin/janitor sink/laundry tubs...ALL faucets with a garden hose thread require VB or similar.
- ▶ ALL food prep sinks, 3-compartment sinks, ice machines, water softeners, etc shall have an AG on the drain.
- ▶ Testable backflow preventers shall be tested annually and results get submitted to the purveyor or agent.
- ▶ Non-testable devices shall be inspected regularly and repaired/replaced as observed and per state codes.
- ▶ ALWAYS check with your local Water Purveyor, Building Dept, Health Dept, and/or Inspection Department.