

Backflow Prevention Guide

For Protection of The Potable Water Supply

<u>Installation</u>	<u>Protective Device</u>	<u>Governing Standards</u>
Air Compressors.....	Air Gap	
*Air Conditioning	RPZ.....	ASSE Std 1013
*Air Conditioned Chilled Water	RPZ.....	ASSE Std 1013
*Air Conditioned Cooling Towers	RPZ.....	ASSE Std 1013
Air Washers	Air Gap	
Aspirator, Medical	RPZ.....	ASSE Std 1013
Aspirator, Herbicide & Root Feeder	Hose VB.....	ASSE Std 1011
Autoclave & Sterilizer	AVB.....	ASSE Std 1001
Autopsy Tables.....	SVB/ RPZ	ASSE Std 1056/1013
Baptismal Font	DC with Vent.....	ASSE Std 1012
Bathtub Below Rim Filler	DC with Vent.....	ASSE Std 1012
*#Bedpan Washer, Flushing Rim	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
Beverage Dispensing Machines	Stainless Steel Construction DC with Vent.....	ASSE Std 1022
Bidet	AVB.....	ASSE Std 1001
Boiler, Industrial Feed Line	RPZ.....	ASSE Std 1013
Boiler, Residential Feed Line.....	DC with Vent.....	ASSE Std 1012
Brine Tank.....	Air Gap	
*#Bottle Washer	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
Carbonated Beverage	DC with Vent Stainless	ASSE Std 1022, NSF-18
Vending Machine		
*Chemical Feed Tanks	RPZ.....	ASSE Std 1013
Chiller Tanks	DC with Vent.....	ASSE Std 1012
Chlorinator	DC with Vent.....	ASSE Std 1022/NSF-18
Coffee Urn.....	AVB.....	ASSE Std 1001
Cooking Kettles.....	AVB.....	ASSE Std 1001
Condensate Tanks.....	Air Gap	
Cuspidor, Dental	AVB.....	ASSE Std 1001
*#Dairy Equipment	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
*Degreasing Equipment.....	RPZ.....	ASSE Std 1013
*#Detergent Dispenser.....	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
*#Developing Tanks, Photo	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
Digesters, Hospitals	RPZ.....	ASSE Std 1013
*#Dishwasher	AVB, PVB, SVB.....	ASSE Std 1001/1020/1056
Drinking Fountain.....	Air Gap	
Dye Vats & Tanks	RPZ.....	ASSE Std 1013
Etching Tanks.....	RPZ.....	ASSE Std 1013
Fountain, Livestock Drinking	DC with Vent.....	ASSE Std 1012
Fountain Ornamental.....	RPZ.....	ASSE Std 1013

Your local office is located at

<u>Installation</u>	<u>Protective Devices</u>	<u>Governing Standards</u>
Garbage Can Washer	DC with Vent	ASSE Std 1012
Garbage Disposers, Commercial.....	AVB.....	ASSE Std 1001
Hose Faucets	HVB	ASSE Std 1011
Humidifier Tank & Boxes	AVB.....	ASSE Std 1001
Hydrotherapy Baths.....	AVB.....	ASSE Std 1001
#Irrigation System.....	RPZ or PVB.....	ASSE Std 1013/1020
Janitor Sink	HVB	ASSE Std 1011
Laundry Machine, Hospital	RPZ.....	ASSE Std 1013
Lavatory	Air Gap	
Lawn Sprinkler	PVB or RPZ.....	ASSE Std 1020/1013
Lawn Sprinkler, Chemical Injection	RPZ.....	ASSE Std 1013
Marina, Boat Connections.....	HVB.....	ASSE Std 1011
Main Line (Potable Water).....	RPZ.....	ASSE Std 1013
Mobile Homes.....	DC.....	ASSE Std 1024
Pipette Washer	AVB.....	ASSE Std 1001
Photo Lab Sinks	AVB.....	ASSE Std 1001
Potato Peeler.....	Air Gap	
*Processing Tanks	RPZ.....	ASSE Std 1013
Pump, Prime Lines.....	DC with Vent.....	ASSE Std 1012
*Re-Circulated Water.....	RPZ.....	ASSE Std 1013
Residential Water Supply Service	DC.....	ASSE Std 1024
Serrated Faucets	DC with Vent.....	ASSE Std 1035
Sewer Flushing Manhole.....	AVB.....	ASSE Std 1001
Shampoo Basin Hose Rinse	AVB.....	ASSE Std 1001
Sinks, Wash Up.....	Air Gap	
Sitz Bath	AVB.....	ASSE Std 1001
Sizing Vats & Boxes	DCVA	ASSE Std 1015
Soap Mixing Tank.....	AVB.....	ASSE Std 1001
*Solution Tanks	RPZ.....	ASSE Std 1013
Sprinkler System,Fire Protection.....	DCVA/DCDA/ RPZ/ RPDA.....	ASSE Std 1015/1048/1013/1047
Starch Tanks.....	DCVA	ASSE Std 1015
Steam Cleaner Connection.....	HVB.....	ASSE Std 1011
Steam Table.....	AVB.....	ASSE Std 1001
*#Stills.....	AVB or PVB.....	ASSE Std 1001/1056
Swimming Pool,Commercial.....	DCVA	ASSE Std 1015
Telephone Showers.....	HVB	ASSE Std 1011
Trap Primer with Air Gap		ASSE Std 1018
Ultrasonic Cleaner.....	AVB.....	ASSE Std 1001
Urinal, Trough.....	DC with Vent.....	ASSE Std 1012
Wall Hydrants	HVB.....	ASSE Std 1011
Water Treatment Tanks	DCVA	ASSE Std 1015
Water Well Secondary System.....	RPZ.....	ASSE Std 1013

* Selection is based on equipment using toxic chemicals. If chemical is non-toxic, selection could be DCVA.

#PVB is to be selected when continuous pressure is encountered.

AVB = Atmospheric Vacuum Breaker

DC = Dual Check

DC with Vent = Two Independent Checks with Intermediate Vacuum Breaker and Relief Vent.

DCDA = Double Check Detector Assembly

DCVA = Double Check Valve Assembly

HVB = Hose Bib Vacuum Breaker

PVB = Pressure Vacuum Breaker

RPDA = Reduced Pressure Detector Assembly

RPZ = Reduced Pressure Zone Assembly

SVB = Spill Resistant Vacuum Breaker

