

# Backflow Assembly Installation Guidelines

## All backflow prevention assemblies shall be:

- Installed in accordance with the proper degree of hazard, pressure conditions, and orientation.
- Tested by a certified backflow assembly tester at the time of installation, repair, or relocation and at least on an annual schedule thereafter or more often when required by the Administrative Authority.
- Installed with minimum access and clearance of 12" between the lowest portion of the assembly and grade floor or platform.
- Installed with a permanent platform capable of supporting the tester whenever the assembly is installed more than 5' above the floor or grade. The platform must be installed within 5' of the assembly and shall meet all applicable safety standards and codes.
- Installed in accordance with the assembly's operating temperature and pressure rating. Backflow preventers for water applications over 110° shall be designed to operate at that temperature.
- Protected from freezing by a method acceptable by the Administrative Authority when installed in cold climate areas.
- Approved and installed according to the latest list of approved assemblies published by the Foundation for Cross-Connection Control and Hydraulic Research at the University of Southern California if the assemblies are installed to protect the water quality in the public water supply.
- Approved and listed by International Association of Plumbing and Mechanical Officials and shall be installed horizontal and plumb if the assemblies are installed with the purpose of protecting the quality of water within the premises.
- Installed with provisions for drainage due to flushing and testing. All reduced pressure assemblies shall have a specific drain size for the size of the assembly and water pressure; see chart on reverse side.
- Sized to the size of the water service supply.
- Located outside any enclosure or hooded area containing fumes that are toxic, poisonous, or corrosive.
- Thoroughly flushed of all debris immediately after installation and before the assembly is tested, or before service is restored.
- Installed in accordance with the manufacturer's flow rate specifications.
- Installed above grade and shall not be subjected to flooding.

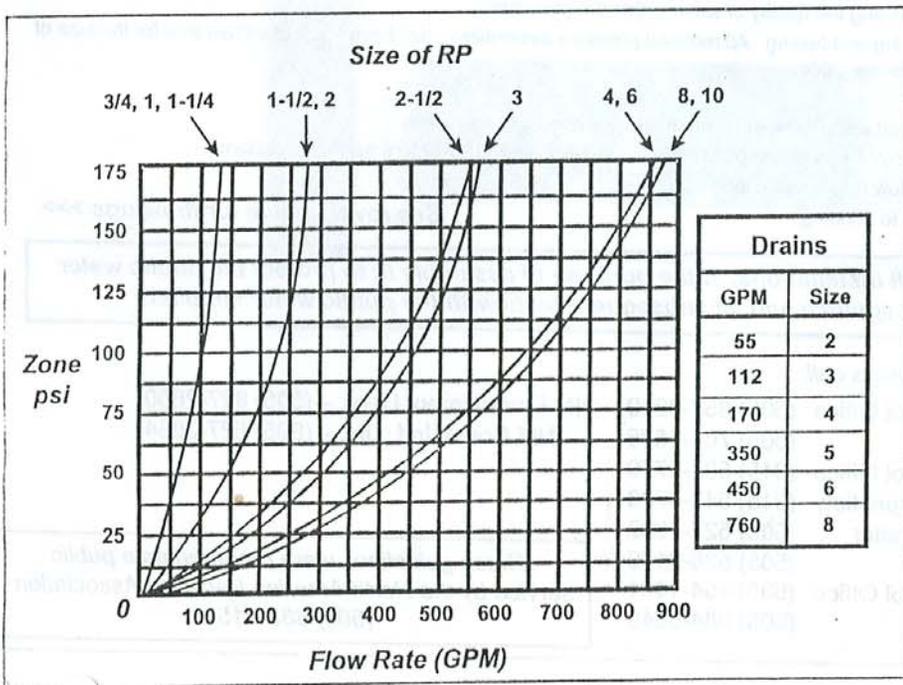
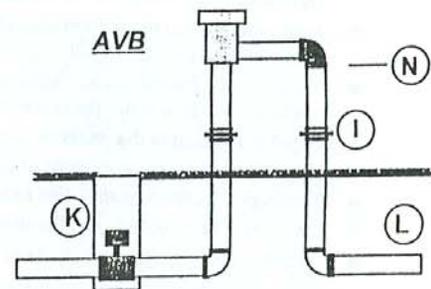
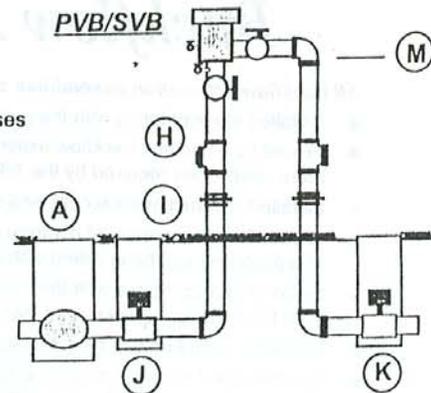
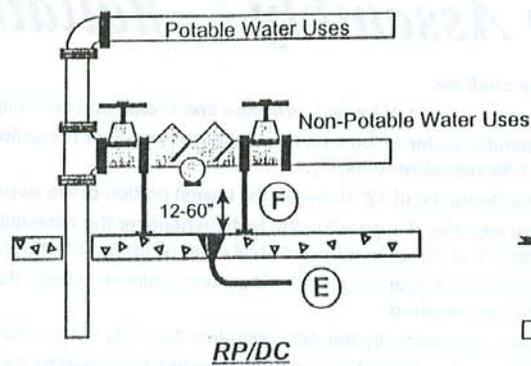
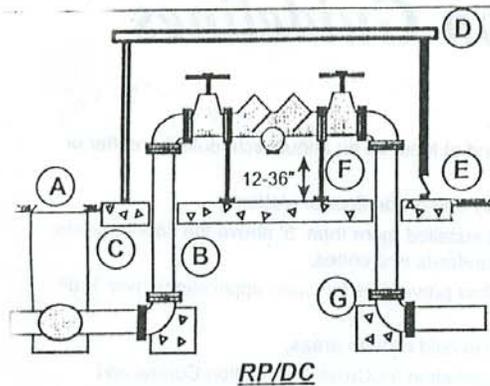
See reverse side for drawings >>>

**Note: A plumbing permit is required for all installations. If the purpose of assembly is to protect the public water supply, you must schedule the acceptance and all subsequent tests with the public water supplier!**

## For more information in the following jurisdictions call:

Albuquerque:	Cross-Connection Control Office	(505) 857-8210	NM Environment Dept. – (505) 827-2850
	Code Administration	(505) 764-1626	NM Const. Ind. Div. – (505) 827-2834
El Paso:	Cross-Connection Control Office	(915) 594-5770	
	Department of Public Inspection	(915) 541-4798	
Las Cruces:	Pollution Control Coordinator	(505) 527-7832	
	Inspections/Planning	(505) 526-0176	
Las Vegas:	Cross-Connection Control Office	(505) 454-1401	
Santa Fe:	Mechanical Inspection	(505) 984-6649	

These guidelines were prepared as a public service by the North American Backflow Association  
(505) 883-3159



**Legend:**

- A Water meter
- B No outlets between meter and assembly.
- C 4" Concrete pad.
- D Protective enclosure.
- E Allow for drainage — see chart.
- F Metal supports.
- G Pipe restraints.
- H Drain tees or optional enclosure.
- I Unions.
- J Master valve.
- K Zone valve.
- L No valves in outlet piping.
- M 12" above highest point of use.
- N 6" above highest point of use.