

There are different types of acceptable backflow devices for different applications. The list below defines those backflow devices applicability depending on application needed. The different type of devices are:

1. RP – Reduced Pressure
2. AG – Air Gap
3. DC- Double Check

Type of Backflow Protection Required

Degree of Hazard	Minimum Protection
I. Sewage and Hazardous Substance	
a. Premises where the public water system is used to supplement the reclaimed water supply.	AG
b. Premises where there are wastewater pumping and/or treatment plants and there is no interconnection with the potable water system. This does not include a single family residence that has a sewage lift pump. An RP may be provided in lieu of an AG is approved by the health department and the district.	AG
c. Premises where reclaimed water is used and there is no interconnection with the potable water system, and RP may be provided in lieu of an AG if approved by the health agency and the District.	AG
d. Premises where hazardous substances are handled in may enter a potable water system. This does not include a single family residence that has a sewage lift pump. An RP may be provided in lieu of an AG if approved by the health agency and the district.	AG
e. Premises where there are agricultural water usage systems into which fertilizers, herbicides, or pesticides are, or can be injected.	RP
II. Auxiliary Water Systems	
a. Premises where there is an unapproved auxiliary water supply which is interconnected with the public water system. An RP or DC may be provided in lieu of AG if approved by the health department and the district.	AG
b. Premises where there is no unapproved auxiliary water system and there are not interconnections with the public water system. An RP may be provided in lieu of a DC.	RP

III. Fire Protection Systems

a. Premises where the fire system is directly supplied from the public water system and there is an unapproved auxiliary water supply on or to the premises (not interconnected).

DC

b. Premises where the fire system is supplied from the public water system and is interconnected with an unapproved auxiliary water supply. An RP may be provided in lieu of an AG if approved by the health department and the district.

AG

c. Premises where the fire system is supplied from the public water system and where either elevated storage tanks or fire pumps which take suction from private reservoirs or tanks are used.

DC

d. Premises where entry is restricted so that inspections for cross connections cannot be made with sufficient frequency or at sufficiently short notice to assure that cross connections do not exist.

RP

e. Premises where there is a repeated history of cross connections being established or re-established.

RP