Backflow Prevention Assemblies (Domestic, Irrigation & RW Services that require protection)

Backflow prevention assemblies (BPA) for all domestic and recycled water services that require backflow protection shall be lead-free (LF) reduced pressure type (RP). Three-quarters of an inch (¾") to two-inch (2") BPA shall have full-port domestic ball valves with threaded ends. Two and one-half inch (2½") to ten-inch (10") BPA shall be LF, steel body (ST) models or have a protective coating installed if they are ductile iron (DIP) constructed and have non-rising stem (NRS) flanged resilient seated gate valves.

Approved reduced pressure type BPA for all water services (excluding fire) shall be as follows:

MANUFACTURER	MODEL	SIZE
WILKINS	975XL3	¾" to 2"
	375ST	2½" to 10"
	475ST	
FEBCO	LF860	¾" to 10"
	LF880V	2½" to 8"
WATTS	LF957	2½" to 10"

Backflow Prevention Assemblies for Fire Services

All backflow prevention assemblies (BPA) for fire services shall be lead-free (LF), Reduced Pressure Detector Assemblies, steel body construction (ST) models or have a protective coating installed if they are ductile iron (DIP) constructed, with cubic feet bypass meters and the assemblies shall have outside screw & yoke (OS&Y) flanged resilient seated gate valves.

Approved reduced pressure detector assemblies for all fire systems (Class 1 to 4) shall be as follows:

MANUFACTURER	MODEL	SIZE
WILKINS	375DA	4" to 10"
	475DA	4" to 10"

Backflow Prevention Assemblies for Residential Single-Family Fire Services

All backflow prevention assemblies (BPA) for residential single-family home fire services shall be lead-free (LF) reduced pressure type (RP). Three-quarters of an inch (¾") to two-inch (2") BPA shall have full-port domestic ball valves with threaded ends.

Approved reduced pressure type BPA for residential fire systems (Class 1 to 4) shall be as follows:

WILKINS	975XL3	¾" to 2"