

CITY OF GASTONIA
DEPARTMENT OF PUBLIC WORKS & UTILITIES
APPROVED LIST OF BACKFLOW PREVENTION ASSEMBLIES

Approved Double Check Valve Assemblies:

AMES	2000	¾" – 10" (SS and DCA)
CONBRACO	40-100	¾" – 10"
FEBCO	805Y	¾" – 10"
	850	¾" – 8"
	870	2 ½" – 8"
WATTS	007QT	¾" – 2"
	007NRS	2 ½" – 3"
	709NRS	2 ½" – 10"
	774 NRS	4" – 8"
	774XNRS	6" & 8"
WILKINS	350	3" - 10"
	450	3, 4" & 6" (N Shape)
	950	3, 4" – 10"
	950XL	¾" – 2"
	(Wilkins A-Body Assemblies NOT Approved)	

Approved Reduced Pressure Principle Assemblies:

AMES	4000	¾" – 10" (SS and DCA)
FEBCO	825	¾" – 10"
	860	¾" – 8"
	880	2 ½" – 10" (N and Z Shape)
WATTS	009QT	¾" – 2"
	909QT	¾" – 2"
	009NRS	2 ½" – 10"
	994NRS	4" & 6"
WILKINS	375	3" – 8"
	975	3" – 10"
	975XL	¾" – 2"
	(Wilkins A-Body Assemblies NOT Approved)	

Note: Backflow prevention assemblies on metered fire services or combined domestic/fire services shall have FM approved OS&Y valves.

Approved Double Check Detector Assemblies – Fire Lines:

AMES	3000SS	2", 4" – 10"
CONBRACO	40-600	4" - 10"
FEBCO	806DDCA	4" – 10"
	856 DDCA	4" – 8"
	876DDCA	4" – 10" (N and Z Shape)
WATTS	007DCDA	2"
	709DCDA	4" – 10"
	774DCDA	4" – 10"
	774XDCDA	6" & 8"
WILKINS	350DA	4" - 10"
	450DA	4" & 6"
	950DA	4" – 10"
	(Wilkins A-body Assemblies NOT Approved)	

A double check detector assembly shall not be used on fire services with a booster pump or with chemical additives. The detector meter on all detector assemblies shall be in US Gallons. Backflow assemblies for fire lines shall have FM approved OS&Y valves.

Approved Reduced Pressure Detector Assemblies – Fire Lines:

AMES	5000SS	4" – 10"
CONBRACO	40-700	4" – 10"
FEBCO	826RPDA	4" – 10"
WATTS	909RPDA	4" – 10"
WILKINS	375DA	2" – 8"
	975DA	4" – 10"
	(Wilkins A-body Assemblies NOT Approved)	

**Notes: The detector meter on all detector assemblies shall be in US Gallons.
Backflow assemblies for fire lines shall have FM approved OS&Y valves.
Fire Services with a booster pump or chemical additives must use a RPDA.**