

Appendix A-2.1
 SPARTANBURG WATER SYSTEM
 Approved Backflow Prevention Assemblies
LIST OF DOUBLE CHECK DETECTOR ASSEMBLIES

The following is a list of **Double Check Detector Assemblies (DCDA)** approved for use to protect the potable water system. The DCDA shall be used on **Low Hazard, Non-Health Hazard** fire suppression systems. Low Hazard, Non-Health Hazard fire suppression systems shall consist of air or water only systems with no chemical or anti-freeze additives or no connections to an unapproved water source such as a pond, stream or well.

DCDA assemblies are to be installed when there is underground piping between the location of the backflow assembly and the building. If the alarm valve is installed immediately downstream of the backflow assembly as may be done on the fire riser in a building then a DCVA listed on Appendix A-2.0 shall be used. SWS should be consulted for approval for the location of the assembly.

If the fire suppression system is of the High Hazard, Health Hazard category then **Reduced Pressure Principle (RP)** assemblies found on appendix A-3

COMPANY	MODEL	SIZE
AMES	C300 and C300N	2 ½"-10"
AMES	M300 and M300N	2 ½"-8"
CONBRACO	40-600 Series	3"-10"
CONBRACO	4S-600 Series	2 ½"-10"
FEBCO	856	2 ½"-10"
FEBCO	876V	2 ½"-10"
WILKINS	350DA, 450	2 ½"-10"
WILKINS	450DA	4"-10"
WATTS	757DCDA and 757NDCDA	2 ½"-10"

NOTE: This is a partial list of approved DCDA assemblies. Some models are also available in "N" or "Z" configurations. Other models may have previous approvals and may still be available from suppliers. Other models may have gained recent approval. Please call to check on approval of a specific model not listed.

Appendix A-2.0
SPARTANBURG WATER SYSTEM
 Approved Backflow Prevention Assemblies
LIST OF DOUBLE CHECK VALVE ASSEMBLIES

The following is a partial list of **Double Check Valve Assemblies** (DCVA) approved for use to protect a potable water supply. These assemblies are limited to only **Low Hazard or Non-Health Hazard** category backflow protection. Low Hazard or Non-Health Hazard shall mean an actual or potential threat to the physical properties of the public or consumers' water system but not a danger to health. The greatest degradation of the public water supply would be of a nuisance or aesthetically objectionable nature.

COMPANY	MODEL	SIZES
AMES	2000B	1/2" - 2"
AMES	200B	3/4"-2"
AMES	C200 and C200N	2 1/2"-10"
AMES	M200 and M200N	2 1/2"-8"
CONBRACO	40-100 Series	1/2" - 10"
CONBRACO	40-100/99 Series	3/4"-2"
CONBRACO	4S, DC Series	2 1/2" - 6"
FEBCO	805 YD	3/4"-10"
FEBCO	850	1/2"-8"
FEBCO	870 and 870V	2 1/2"-10"
FEBCO	830	4"-8"
WATTS	007	1/2"-3"
WATTS	007M1 and 007M2	3/4"-2"
WATTS	007M3	3/4"
WATTS	719QT and 719AQT	1/2"-2"
WATTS	757 and 757N	2 1/2"-10"
WILKINS	350, 450	3/4"-1" & 2 1/2"-12"
WILKINS	950 XLT	3/4"-2"

NOTE: This is a partial list of approved DCVA assemblies. Some models are also available in "N" or "Z" configurations. Other models may have previous approvals and may still be available from suppliers. Other models may have gained recent approval. Please call to check on approval of a specific model not listed.

Appendix A-3
 SPARTANBURG WATER SYSTEM
 Approved Backflow Prevention Assemblies
LIST OF REDUCED PRESSURE PRINCIPLE ASSEMBLIES

The following is a list of Reduced Pressure Principle Assemblies (RP) for use to protect the potable water supply. These assemblies shall be used for High Hazard or Health Hazard category cross connection control. High Hazard or Health Hazard category shall mean an actual or potential danger to a potable water system of a toxic nature or danger to health.

COMPANY	MODEL	SIZE
AMES	4000B	1/2"-2"
AMES	400B	3/4"-2"
AMES	C400 and C400N	2 1/2"-10"
AMES	M400 and M400N	2 1/2"-8"
CONBRACO	40-200 Series	1/4"-10"
FEBCO	825Y and 825YD	3/4"-2"
FEBCO	860	3/4"-8"
FEBCO	880 and 880V	2 1/2"-10"
WATTS	009	1/4"-3"
WATTS	909	3/4"-10
WATTS	919	3/4"-2"
WATTS	957 and 957N	2 1/2"-10"
WILKINS	975XL	1/2"-2"
WILKINS	375, 475, 475V	3/4"-1" & 2 1/2"-10"

NOTE: This is a partial list of approved RP assemblies. Other models may have previous approvals and may still be available from suppliers. Other models may have gained recent approval. Please call to check on approval of a specific model not listed.

RP assemblies are not approved for vertical installations. Some models come in "N" or "Z" configurations that allow vertical piping.

RP assemblies can not be installed where the relief valve may become submerged.

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