



Water T&D Construction Standard

APPROVED MANUFACTURERS OF DOUBLE CHECK DETECTOR ASSEMBLIES AND REDUCED PRESSURE ZONE DETECTOR CHECK ASSEMBLIES *

APPLICATION: New Fire Services; 2", 2-1/2", 3", 4", 6", 8", 10" and 12"

DOUBLE CHECK DETECTOR ASSEMBLIES & REDUCED PRESSURE ZONE DETECTOR ASSEMBLIES			
Manufacturer	Model	Sizes	Assembly Type
Ames Company	◆ 300 "Maxim" Series	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Ames Company	◆ 300 "Colt" Series	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Ames Company	✚ 3000 Series	2", 3", 4", 6", 8", 10", 12"	Double Check Detector Assembly
Ames Company	◆ 500 "Maxim" Series	2-1/2", 3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Ames Company	▲ 5000 Series	3", 4", 6"	Reduced Pressure Zone Detector Assembly
Cla-Val Company	▲ Model 16-4	3", 4", 6", 8", 10"	Double Check Detector Assembly
Cla-Val Company	▲ Model 18-4	3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Conbraco Industries	✚ Series 4S-600	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Conbraco Industries	▲ Series 40-600	3", 4", 6", 8", 10"	Double Check Detector Assembly
Conbraco Industries	▲ Series 40-700	3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Febco	▲ Model 856	2-1/2", 3", 4", 6", 8"	Double Check Detector Assembly
Febco	◆ Model 876	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Febco	▲ Model 806YD	3", 4", 6", 8", 10"	Double Check Detector Assembly
Febco	▲ Model 826YD	2-1/2", 3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Watts Regulator Co.	✚ Series 709DCDA	3", 4", 6", 8", 10"	Double Check Detector Assembly
Watts Regulator Co.	✚ Series 774DCDA	4", 6", 8", 10", 12"	Double Check Detector Assembly
Watts Regulator Co.	✚ Series 757DCDA	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Watts Regulator Co.	▲ Series 909RPDA	2-1/2", 3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Watts Regulator Co.	▲ Series 957RPDA	2-1/2", 3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly
Watts Regulator Co.	◆ Series 994RPDA	2-1/2", 3", 4", 6"	Reduced Pressure Zone Detector Assembly
Wilkins Regulator Co.	✚ Series 350DA	2-1/2", 3", 4", 6", 8", 10"	Double Check Detector Assembly
Wilkins Regulator Co.	✚ Model 950DA	2-1/2", 3", 8", 10"	Double Check Detector Assembly
Wilkins Regulator Co.	▲ Model 975DA	2-1/2", 3", 4", 6", 8", 10"	Reduced Pressure Zone Detector Assembly

All the above assemblies are ASSE approved for the stated application

DCDA's or RPZ's installed vertically will require the use of a re-setter, supplied and installed by the customer, in the detector check assembly to maintain a horizontal operating position for the detector check meter.

- ▲ = Designated for horizontal construction only.
- ◆ = Designated for vertical construction only (check mfg.'s specific requirements for vertical installation).
- ✚ = Designated for horizontal and vertical construction (check mfg.'s specific requirements for vertical installation).

*Double Detector Check Assemblies and Reduced Pressure Zone Detector Check Assemblies have 4 test ports for verification of proper operation with one of the test ports located on the inlet valve. Both the primary assembly and the by-pass assembly are required to have these test ports. The test port on the main inlet valve is used in the testing of the by-pass detector check assembly and therefore constitutes the 4th test port for the by-pass assembly.

Per International and State Plumbing code, MDEQ and LBWL requirements, all approved Double Check Detector Assemblies and Reduced Pressure Detector Assemblies shall come complete with a double check valve assembly or a reduced pressure zone assembly, in the by-pass, of the same type as the primary assembly.

The DCDA or RPZ assemblies must be ordered with both valves and the by-pass assembly as tested and approved by ASSE. It is beneficial to order these assemblies without the meter in the by-pass assembly as LBWL shall install a meter meeting their requirements.

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