

**Approved Backflow Prevention Assemblies**  
Tennessee Department of Environment and Conservation  
Division of Water Supply  
Date Revised: February 24, 2003

Only units currently approved by the TN Division of Water Supply are to be used for the protection of Public Water Systems against backflow hazards. For information on any units that may have been approved since the printing of this list call the Division of Water Supply at (615) 532-0164 or the Fleming Training Center at (615) 898-8090.

**NOTE:** Double check-detector check and double check valve assemblies have only been approved by the Division of Water Supply for certain (moderate to low hazard) fire service lines. Reduced pressure backflow prevention devices are required for domestic and/or process service lines where maximum backflow protection is needed.

Unless otherwise specified by the manufacturer all assemblies are to be installed on cold potable water applications – below 110°F. Also all Double Check Valve Assemblies, Reduced Pressure Principle Assemblies, Double Check Detector Assemblies, and Reduced Pressure Principle Detector Assemblies are Approved for **HORIZONTAL ORIENTATION ONLY**, unless specifically noted. Use of spare parts other than those of the original manufacturer invalidates the Approval.

### Double Check Valve Assemblies

Ames  
ψ DC - 4", 6" (H)  
ψ DC - 8" (H)  
2000B - ½" (H)  
2000B - ½" (VU)  
2000B - ¾" (H)  
2000B - ¾" (VU)  
2000B - 1" (H)  
2000B - 1" (VU)  
2000B - 1 ¼" (H,VU)  
2000B - 1 ½" (H)  
2000B - 1 ½" (VU)  
2000B - 2" (H)  
2000B - 2" (VU)  
2000BM3 - ¾" (H,VU)  
2000 CIV - 4" (H)  
2000 CIV - 4" (VU)  
2000 CIV - 6" (H)  
2000 CIV - 8" (H)  
2000 CIV - 10" (H)  
2000 CIV - 6", 8", 10" (VU)  
2000-DC - 10" (H)  
2000-G-DC - 10" (H)  
2000-DCA - 4", 6", 8" (H)  
2000-G-DCA - 4", 6", 8" (H)  
2000 SE - 2 ½" (H)  
2000 SE - 6" (H)  
2000 SE - 8" (H)  
ψ2000 SS - ¾", 1" (H)  
ψ2000 SS - 1 ¼" (H)  
ψ2000 SS - 1 ½", 2" (H)  
2000 SS - 2 ½", 3" (H)  
2000 SS - 4" (H)  
2000 SS - 6" (H)  
2000 SS - 8" (H)  
2000 SS - 10" (H)  
2000 SS-M - 4", 6" (H)  
Colt 200a - 2 ½", 3", 4" (H,VU)  
Colt 200a - 6" (H,VU)  
Colt 200Na - 2 ½", 3", 4" (VUVD)  
Colt 200Na - 6" (VUVD)  
Maxim 200a - 2 ½", 3" (H,VU)  
Maxim 200a - 4" (H,VU)  
Maxim 200Na - 2 ½", 3" (VUVD)  
Maxim 200Na - 4" (VUVD)

Beeco - See Hersey/Grinnell

Buckner ψ 24100 - ¾" (H)  
ψ 24101 - 1" (H)  
ψ 24102 - 1 ¼" (H)  
ψ 24103 - 1 ½" (H)  
ψ 24104 - 2" (H)  
ψ 24100/25 - ¾" (H)  
ψ 24101/25 - 1" (H)

ψ 24102/25 - 1 ¼" (H)  
ψ 24103/25 - 1 ½" (H)  
ψ 24104/25 - 2" (H)

**Cla-Val**

ψD2 - 1 ¼", 1 ½" (H)  
ψD2 - ¾", 1" (H)  
ψD4 - 2" (H)  
D4 - 2 ½", 3", 4", 6", 8", 10" (H)

**Conbraco**

½ DC - ½" (H,VU)  
2 ½ DC - 2 ½" (H,VU)  
2 ½ DC-7 - 2 ½" (H,VU)  
2 ½ DCU - 2 ½" (VUVD)  
3DC - 3" (H,VU)  
3DC-7 - 3" (H,VU)  
3DCU - 3" (VUVD)  
4DC - 4" (H,VU)  
4DC-7 - 4" (H,VU)  
4DCU - 4" (VUVD)  
6DC - 6" (H,VU)  
6DC-7 - 6" (H,VU)  
6DCU - 6" (VUVD)  
8DC - 8" (H,VU)  
10DC - 10" (H,VU)  
40-100-02 - 3" (H)  
40-100-03 - 3" (H)  
40-100-05 - 3" (H)  
40-103-02 - ½" (H)  
40-104-02 - ¾" (H)  
40-104-T2 - ¾" (H)  
40-104-A2 - ¾" (H)  
40-104-A2T - ¾" (H)  
40-104-TC2 - ¾" (H)  
40-105-02 - 1" (H)  
40-105-T2 - 1" (H)  
40-105-A2 - 1" (H)  
40-105-A2T - 1" (H)  
40-105-TC2 - 1" (H)  
40-106-02 - 1 ¼" (H)  
40-106-A2 - 1 ¼" (H)  
40-106-A2T - 1 ¼" (H)  
40-106-T2 - 1 ¼" (H)  
40-107-02 - 1 ½" (H)  
40-107-A2 - 1 ½" (H)  
40-107-A2T - 1 ½" (H)  
40-107-T2 - 1 ½" (H)  
40-108-02 - 2" (H)  
40-108-A2 - 2" (H)  
40-108-A2T - 2" (H)  
40-108-T2 - 2" (H)  
40-109-02 - 2 ½" (H)  
40-109-03 - 2 ½" (H)  
40-109-05 - 2 ½" (H)  
40-10A-02 - 4" (H)  
40-10A-03 - 4" (H)  
40-10A-05 - 4" (H)  
40-10A-06 - 4" (H)  
40-10C-02 - 6" (H)  
40-10C-03 - 6" (H)  
40-10C-05 - 6" (H)  
40-10C-06 - 6" (H)  
40-10E-02 - 8" (H)  
40-10E-03 - 8" (H)  
40-10E-06 - 8" (H)  
40-10G-02 - 10" (H)  
40-10G-03 - 10" (H)  
40-10G-06 - 10" (H)

**Febco**

ψ 805 - ¾", 1", 1 ½", 2" (H)  
ψ 805 - 3", 4" (H)  
805Y - ¾", 1" (H)  
805YR - ¾", 1" (H)  
805YB - ¾" (H)  
805YB - ¾" (VU)  
805Y - 1 ½" (H)  
805Y - 2" (H)  
ψ 805Y - 2 ½" (H)  
ψ 805Y - 3" 4" (H)

ψ 805Y - 6", 8" (H)  
ψ 805Y - 10" (H)  
805YD - 2 1/2", 3", 4", 6", 8", 10" (H)  
850 - 1/2" (H)  
850 - 1/2" (VU)  
850 - 1/2" (VD)  
850 - 3/4" (VD)  
850 - 3/4" (VU)  
850 - 3/4", 1", 1 1/4" (H)  
850 - 1" (VD)  
850 - 1" (VU)  
850 - 1 1/4" (VU)  
850 - 1 1/4" (VD)  
850 - 1 1/2" (H)  
850 - 1 1/2" (VU)  
850 - 1 1/2" (VD)  
850 - 2" (H)  
850 - 2" (VD)  
850 - 2" (VU)  
850 - 2 1/2", 3" (H)  
850 - 2 1/2", 3" (VU)  
850 - 4", 6" (H)  
850 - 8" (H)  
850 - 4" (VU)  
850 - 6" (VU)  
850 - 8" (VU)  
850F - 3/4" (H, VU, VD)  
850U - 1/2" (H)  
850U - 1/2" (VU)  
850U - 1/2" (VD)  
850U - 3/4" (H)  
850U - 3/4" (VD)  
850U - 3/4" (VU)  
850U - 1" (H)  
850U - 1" (VD)  
850U - 1" (VU)  
850U - 1 1/4", 1 1/2", 2" (H)  
850U - 1 1/4", 1 1/2", 2" (VU)  
850U - 1 1/4" (VD)  
850U - 1 1/2" (VD)  
850U - 2" (VD)  
870 - 2 1/2", 3" (VUVD)  
870 - 4", 6" (VUVD)  
870 - 8" (VUVD)  
870 - 10" (VUVD)  
870V - 2 1/2", 3", 4", 6" (VUVD, VUVU)  
870V - 8" (VUVD, VUVU)  
870V - 10" (VUVD, VUVU)

Flomatic DCV - 3/4", 1" (H)

DCV - 1 1/2", 2" (H)  
DCV - 2 1/2", 3" (H)  
DCV - 4" (H)  
DCV - 6" (H)  
DCVE - 3/4", 1", 1 1/2", 2" (H)

Hersey/Grinnell

2 - 3", 4" (H)  
2 - 6" (H)  
2 - 8" (H)  
2 - 10" (H)  
FDC - 3/4" (H)  
FDC - 1" (H)  
FDC - 1 1/2" (H)  
FDC - 2" (H)

Neptune - see Wilkins

Richwell - see Wilkins

SMR - see Wilkins

Watts

007 - 2 1/2" (H)  
007 - 3" (H)  
007 - 2 1/2" (VU)  
007 - 3" (VU)  
007QT - 1/2" (H)  
007QT - 1/2" (VU)  
ψ 007QT - 3/4", 1" (H)  
ψ 007QT - 1 1/4", 2" (H)

007PCQT - 1/2" (H)  
ψ 007PCQT - 1 1/2", 2" (H)  
ψ 007M1QT - 3/4" (H)  
007M1QT - 1" (H)  
007M1QT - 1" (VU)  
ψ 007M1QT - 1 1/2" (H)  
007M1QT - 2" (H)  
007M1QT - 2" (VU)  
007M1PCQT - 3/4", 1" (H)  
ψ 007M1PCQT - 1 1/2" (H)  
007M1PCQT - 2" (H)  
007M2QT - 3/4" (H)  
007M2QT - 3/4" (VU)  
007M2QT - 1 1/4" (H,VU)  
007M2PCQT - 1 1/4" (H,VU)  
007M2QT - 1 1/2" (H)  
007M2QT - 1 1/2" (VU)  
007M2PCQT - 1 1/2" (H)  
007M3QT - 3/4" (H,VU)  
ψ 007SSQT - 3/4", 1" (H)  
ψ 007SSQT - 1 1/2", 2" (H)  
ψ 007SSPCQT - 1 1/2", 2" (H)  
ψ 007SSM1QT - 3/4", 1" (H)  
ψ 007SSM1PCQT - 3/4", 1" (H)  
ψ 700 - 2 1/2", 3" (H)  
ψ 709 QT - 3/4", 1" (H)  
ψ 709 QT - 1 1/2", 2" (H)  
709 BB - 2 1/2", 3" (H)  
709 - 2 1/2" (H)  
709 - 3" (H)  
709 - 4" (H)  
709 - 4" (VU)  
709 - 6" (H)  
709 - 8" (H)  
709 - 10" (H)  
709 - 6", 8", 10" (VU)  
709QT-FDA- 2 1/2", 3", 4", 6", 8", 10" (H)  
757a - 2 1/2", 3", 4" (H,VU)  
757a - 6" (H,VU)  
757Na - 2 1/2", 3", 4" (VUVD)  
757Na - 6" (VUVD)  
767a - 2 1/2", 3", (H,VU)  
767a - 4" (H,VU)  
767Na - 2 1/2", 3", (VUVD)  
767Na - 4" (VUVD)  
ψ 770 - 4" (H)  
ψ 770 - 8" (H)  
ψ 770 QT-FDA - 4" (H)  
ψ 770 QT-FDA - 8" (H)  
ψ 772 - 4" (H)  
ψ 772 - 10" (H)  
ψ 774 - 3/4", 1" (H)  
ψ 774 - 1 1/4" (H)  
ψ 774 - 1 1/2", 2" (H)  
774 - 2 1/2", 3" (H)  
774 - 4" (H)  
774 - 6" (H)  
774 - 8" (H)  
774 - 10" (H)  
774X - 2 1/2" (H)  
774X - 6" (H)  
774X - 8" (H)  
775QT - 1" (H,VU)  
775QT - 1/2" (H,VU)  
775QT - 3/4" (H,VU)  
775QT - 1 1/4" (H,VU)  
775QT - 1 1/2" (H,VU)  
775QT - 2" (H,VU)  
SS007M1QT - 1" (H,VU)  
SS007M3QT - 1/2" (H,VU)  
SS007M3QT - 3/4" (H,VU)  
U007QT - 1/2" (H,VU)  
ψ U007QT - 3/4", 1" (H)  
ψ U007QT - 1 1/2", 2" (H)  
ψ U007PCQT - 3/4", 1" (H)  
ψ U007PCQT - 1 1/2", 2" (H)  
U007M1AQT - 3/4", 2" (VUVD, VDVU, VUVU, VDVD)  
U007M1APCQT - 3/4", 2" (VUVD, VDVU, VUVU, VDVD)

U007M1APCQT - 2" (VUVD, VDVU, VUVU, VDVD)  
U007M1PCQT - 3/4", 1" (H)  
U007M1PCQT - 1 1/2", 2" (H)  
U007M1QT - 3/4", 1" (H)  
ψ U007M1QT - 1 1/2" (H)  
U007M1QT - 2" (H)  
U007M2AQT - 1 1/2" (H)  
U007M2QT - 1 1/4" (H)  
U007M2QT - 1 1/2" (H)  
ψ U007SSQT - 3/4", 1" (H)  
ψ U007SSQT - 1 1/2", 2" (H)  
ψ U007SSPCQT - 3/4", 1" (H)  
ψ U007SSPCQT - 1 1/2", 2" (H)

Wilkins

350A - 6" (H,VU)  
350A - 8" (H,VU)  
350 - 2 1/2", 3" (H)  
350 - 2 1/2", 3" (VU)  
350 - 4" (H)  
350 - 4" (VU)  
350 - 6" (H)  
350 - 6" (VU)  
350 - 8" (H)  
350 - 8" (VU)  
350 - 10" (H)  
350 - 10" (VU)  
350A - 6" (H,VU)  
350G - 2 1/2", 3" (H,VU)  
350G - 4" (H)  
350G - 4" (VU)  
350G - 6" (H,VU)  
350G - 8" (H)  
350GPI - 4", 6" (H,VU)  
350GPI - 8" (H,VU)  
350PI - 4", 6" (H,VU)  
350PI - 8" (H,VU)  
350PI - 10" (H,VU)  
450 - 2 1/2" (VUVD)  
450 - 3" (VUVD)  
450 - 4" (VUVD)  
450 - 6" (VUVD)  
450 - 8" (VUVD)  
450 - 10" (VUVD)  
450G - 2 1/2" (VUVD)  
450G - 3" (VUVD)  
450G - 4" (VUVD)  
450G - 6" (VUVD)  
450G - 8" (VUVD)  
ψ 550 - 3/4", 1" (H)  
ψ 550A - 3/4", 1" (H)  
ψ 550 - 1 1/4", 1 1/2", 2" (H)  
ψ 550 - 2 1/2" (H)  
ψ 550 - 3" (H)  
ψ 550 - 4" (H)  
ψ 550 - 6" (H)  
ψ 550 - M8" (4"x4"x8" Manifold) (H)  
ψ 550 - M10" (6"x6"x10" Manifold) (H)  
950 - 3/4", 1" (H)  
950 - 1 1/4", 1 1/2", 2" (H)  
950G - 4", 6" (H,VU)  
950XL - 3/4", 1", 1 1/4", 1 1/2", 2" (H)  
950XL - 3/4" (VU)  
950XLD - 3/4" (H)  
950XLD - 3/4" (VU)  
950XLT - 3/4", 1" (H)  
950XLT - 1 1/4" (H)  
950XLT - 1 1/2", 2" (H)  
950XLU - 3/4", 1", 1 1/2", 2" (H)  
950 - 2 1/2" (H)  
950 - 3", 4" (H)  
950 - 6" (H)  
950 - 8" (H)  
950 - 10" (H)  
950 - 4", 6", 8" (VU)  
950A - 3/4", 1", 1 1/4", 1 1/2", 2" (H)