

LEAD FREE REDUCED PRESSURE PRINCIPLE ASSEMBLIES (RP), APPROVED FOR USE BY THE STATE WATER RESOURCES CONTROL BOARD FOR USE ON POTABLE WATER SERVICE CONNECTIONS



Approval of backflow prevention assemblies used in potable water systems throughout California requires laboratory analysis and field verification by a third party testing facility (currently the University of Southern California Foundation for Cross Connection Control & Hydraulic Research (USC FCC&HR). ANSI lab certification as lead free is also required. It is the responsibility of the customer to verify with the contractor, distributor or manufacturer that the backflow prevention assembly installed is the correct type, is approved by the USC FCC&HR, and is ANSI certified as lead free. The USC FCC&HR continually updates their approved list which can be downloaded at <http://fccchr.usc.edu/list.html>

READ AND UNDERSTAND ALL OF THE IMPORTANT INFORMATION PROVIDED WITH THIS LIST

| Manufacturer | Model | Orientation | Sizes | Manufacturer | Model | Orientation | Sizes |
|-----------------|-----------------|--------------------|---|--------------|-----------------------------|---|------------------------------|
| Ames | Colt 400 | H | 2 1/2", 3", 4", 6", 8", 10" | Watts | LF909M1QT | H | 1 1/4", 1 1/2", 2" |
| | Colt 400BF | H | 4", 6" | | LF909QT | H, V | 3/4", 1" |
| | Colt 400N | VUVD | 2 1/2", 3", 4", 6", 8" | | LF919AQT | VUVD | 3/4", 1", 1 1/4", 1 1/2", 2" |
| | Colt 400Z | VUVU | 2 1/2", 3", 4", 8" | | LF919QT | H, VD | 3/4", 1", 1 1/4", 1 1/2", 2" |
| | LF4000BM2 | H | 1", 1 1/4", 1 1/2", 2" | | LFU919AQT | VUVD | 3/4", 1", 1 1/4", 1 1/2", 2" |
| | LF4000BM3 | H | 3/4" | | LFU919QT | H, VD | 1", 1 1/4", 1 1/2", 2" |
| | Maxim 400 | H | 2 1/2", 3", 4", 6", 8", 10" | | SS009M3QT | H | 3/4" |
| | Maxim 400N | VUVD | 2 1/2", 3", 4", 6" | | 375 | H | 2 1/2", 3", 4", 6", 8", 10" |
| | Maxim 400Z | VUVU | 2 1/2", 3", 6" | | 375A | H | 2 1/2", 3", 4", 6", 8", 10" |
| 4000SS | H | 2 1/2", 3", 4", 6" | 375AMS | H | 2 1/2", 3", 4", 6", 8", 10" | | |
| Apollo Conbraco | RPLF4A | H | 3/4", 1", 1 1/4", 1 1/2", 2" | 375AR | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | RPLF4AN | VUVD, VUVU | (3/4", 1" VUVD Only) 2 1/2", 3", 4", 6", 8" | 375AR1 | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | RPLF4AR | H | 2 1/2", 3", 4", 6", 8" | 375ARMS | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | RPLF40 | H | 1 1/4", 1 1/2", 2" | 375ARXL | H | 2 1/2", 3", 4", 6", 8", 10" | |
| ARI | RP500 | H | 3/4", 1", 1 1/4", 1 1/2", 2" | 375AST | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | RP501 | H | 3/4", 1", 1 1/4", 1 1/2", 2" | 375MS | H | 2 1/2", 3", 4", 6", 8", 10" | |
| Backflow Direct | Deringer 40,40G | H | 2 1/2", 3", 4", 8" | 375ASTR(MS) | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | Deringer 40X | H | 6" | 375AXL | H | 2 1/2", 3", 4", 6", 8", 10" | |
| | Magnum 40 | H | 2 1/2", 3", 4", 8" | 375ST | H | 3/4", 1" | |
| | Magnum 40X | H | 6" | 375XL | H | 3/4", 1", 1 1/2", 1 1/4" 2" 2 1/2", 3", 4", 6", 8", 10" | |
| Febco | 760 | H | 2 1/2", 3", 4", 6", 8", 10" | 375XLB | H | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | 760N | VUVD | 2 1/2", 3", 4" | 375XLMS | H | 2-1/2, 3", 4", 6", 8", 10" | |
| | 760Z | VUVU | 2 1/2", 3", 4" | 475 | VUVD | 2 1/2", 3", 4", 6", 8", 10" | |
| | LF825Y | H | 3/4", 1", 1 1/2", 2" | 475MS | VUVD | 2 1/2", 3", 4", 6", 8" | |
| | LF825YA | H, HVD, VUH, VUVD | 3/4", 1", 1 1/2", 2" | 475MS | H | 10" | |
| | LF860 | H | 3/4", 1", 1 1/4", 1 1/2", 2", 2 1/2", 3", 4", 6", 8", 10" | 475V | VUVU | 2 1/2", 3", 4", 6", 8", 10" | |
| | LF860U | H | 3/4", 1 1/4", 1 1/2", 2" | 475VMS | VUVU | 2-1/2, 3", 4", 6", 8" | |
| | LF880V | VUVD, VUVU | 2 1/2", 3", 4", 6", 8", 10" | 475VMS | H | 10" | |
| LF880W & WZ | VUVD, VUVU | 4", 6", 8", 10" | 475V | VUVU | 2-1/2, 3", 4", 6", 8", 10" | | |
| Watts | 957 | H | 2 1/2", 3", 4", 6", 8", 10" | 475VMS | VUVU | 2-1/2, 3", 4", 6", 8" | |
| | 957 BF | H | 4", 6" | 475VMS | H | 10" | |
| | 957N | VUVD | 2 1/2", 3", 4", 6", 8" | 475XL | VUVD | 2-1/2, 3", 4", 6", 8", 10" | |
| | 957NQT | VUVD | 2 1/2", 3", 4" | 475XLMS | VUVD | 2-1/2, 3", 4", 6", 8" | |
| | 957QT | H | 2 1/2", 3", 4" | 475XLMS | H | 10" | |
| | 957Z | VUVU | 2 1/2", 3", 4", 8" | 475XLV | VUVU | 2-1/2, 3", 4", 6", 8", 10" | |
| | 957ZQT | VUVU | 2 1/2", 3", 4" | 475XLVMS | VUVU | 2-1/2, 3", 4", 6", 8" | |
| | 967N | VUVD | 4", 6" | 475XLVMS | H | 10" | |
| | 967Z | VUVU | 6" | 975XL2 | H | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | 994 | H | 2 1/2", 3", 4", 6" | 975XL2BMS | H | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | LF009 | H | 2 1/2", 3" | 975XL2MS | H | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | LF009M2QT | H | 3/4", 1", 1 1/4", 1 1/2", 2" | 975XL2SE | VUVD, VUVU | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | LF009M2PCQT | H | 1", 2" | 975XL2SEU | VUVD, VUVU | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | LF009M3PCQT | H | 3/4" | 975XL2TCU | H | 3/4", 1", 1 1/4", 1 1/2", 2" | |
| | LF009M3QT | H | 3/4" | 975XL2U | H | 3/4", 1", 1 1/2", 2" | |
| | LF909 | H | 2 1/2", 3", 4", 6" | 975XL2V | VUVD, VUVU | 3/4", 1" | |
| | LF909M1 | H | 8", 10" | 975XLD | H | 3/4" RPDA Fire Bypass | |

Orientation: H=Horizontal, VD=Vertical Down, VUVU=Vertical Up Vertical Up, VU=Vertical Up, VUVD=Vertical Up Vertical Down
VDVU=Vertical Down Vertical Up, VDVD=Vertical Down Vertical Down, HVD=Horizontal Vertical Down, VUH=Vertical Up Horizontal

Assemblies must be installed only in an orientation for which they are approved.

Refer to local building department for permit requirements. Installing a backflow prevention assembly creates a closed piping system. It is the customers responsibility to have a qualified plumbing professional install thermal expansion protection to prevent personal injury or property damage. The specific size of backflow prevention assembly should be selected based on flow requirements. Pressure losses vary between sizes and manufacturers. Pressure losses at rated flow must be accounted for during system design. All installations must be in accordance with the California Plumbing Code and the requirements of California Water Service (Cal Water). The list provided by Cal Water is not an endorsement of any specific backflow prevention assembly. Cal Water has no financial interest in any of the companies listed.