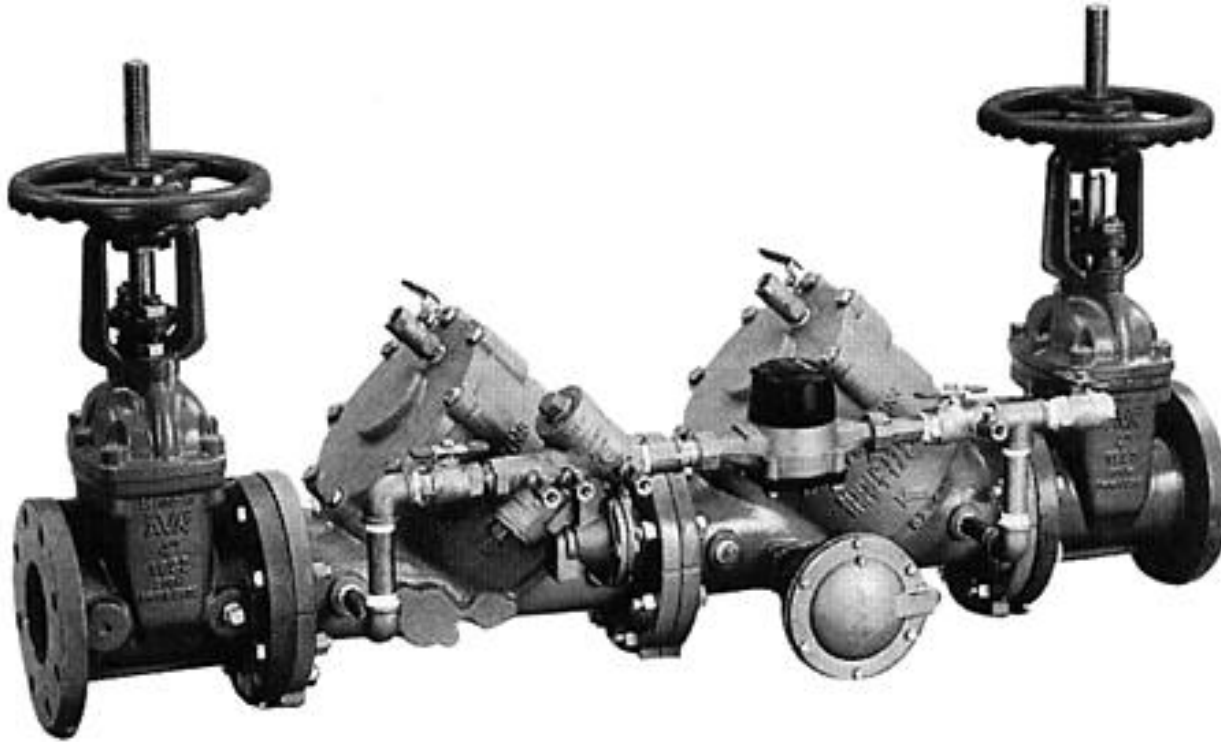


975DA

2½" - 10"



American Backflow
Products Company

WILKINS
a **ZURN** company

Modification Overview

Production of the 975DA began in 1993 and was discontinued in 2004.

The 975DA uses a $\frac{3}{4}$ " 975XL for the bypass assembly.

Check Cover Removal

Cover is o-ring sealed.

Loosen bolts 1/2".
The spring load is now released from the cover and retained by the check subassembly.

** Verify spring load before removing all the bolts.



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Check Valve Removal

Center stem guided
check assembly.

Disc & spring
subassembly.

Slide subassembly
straight out of seat
and body.



Check Seat Removal

Seats are bolted into the body and o-ring sealed.

Remove the bolts and pull the seat straight out of the body.

4" - 10" - Inspect plastic guide bushing in center of seat.



Check Disc Replacement

Remove retaining nut
and disc retainer.



Check Valve Reassembly Notes

Reassemble checks
in reverse order.

Lubricate o-rings.



RV Cover Removal

Cover is sealed by the diaphragm.

There is no spring load on cover.

Remove bolts.



RV Module Removal

Module is o-ring sealed.

Pull the module straight out of body.



RV Seat Removal

2 ½" - 6" RV seat is bolted into body and o-ring sealed.

Remove the allen screws and pull seat straight out of body.

8" - 10" RV seat is threaded and o-ring sealed.



Disassemble RV Module

Module is spring loaded.

Holding the module firmly, remove the stem bolt.



Disassemble RV Module

Remove the guide bushing from the stem.



RV Disc Replacement

Remove retaining bolt, disc washer, and disc.

Reassemble in reverse order.



RV Reassembly Notes

Bead on the edge of the diaphragm should face the disc end of the module.

Lubricate o-rings.

Push the module straight into the body.

Diaphragm bead will line up with the groove on the RV body.

Check the sensing line o-ring on the cover.

