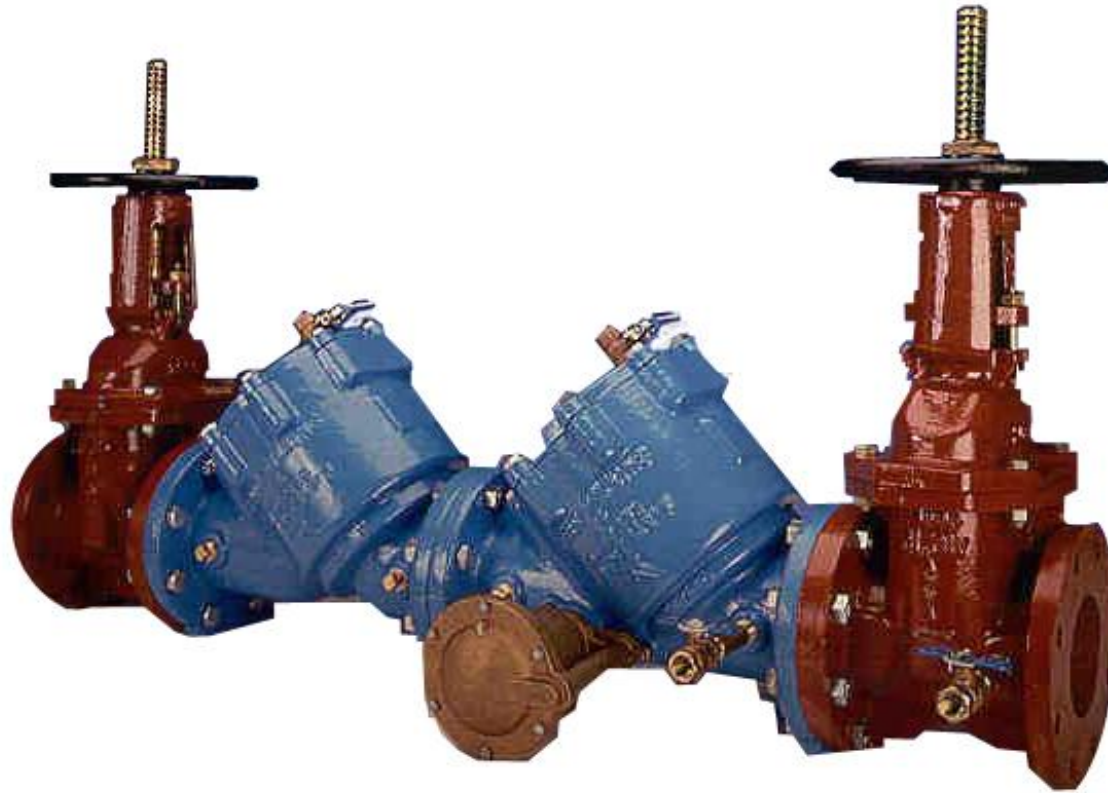


975  
2½" - 10"



American Backflow  
Products Company

**WILKINS**  
a **ZURN** company

# Modification Overview

Production of the 975 (2 ½" - 10") began in 1990 and was discontinued in 2004.



# 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.



**American Backflow**  
Products Company

# 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.



**American Backflow**  
Products Company

# 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.



**American Backflow**  
Products Company

# RV Seat Removal

2 1/2" - 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.



**American Backflow**  
Products Company

# Disassemble RV Module

Remove the guide bushing from the stem.



# RV Disc Replacement

Remove retaining bolt, disc washer, and disc.

Reassemble in reverse order.



**American Backflow**  
Products Company

# 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.

