

# 767FR, LF767FR

1/2"-2"



American Backflow  
Products Company



# Modification Overview

Production of the 767FR (Watts 800M4FR) began in 2006.

The 767FR is produced with a float assembly that contains a relief valve that protects the unit against freeze damage.

A lead free version (LF767FR) was introduced in 2010.

# Hood Removal

The 1/2" – 3/4" hood is secured by two screws.

The 1" - 2" hood is secured by two screws.



# Bonnet Removal

The bonnet is threaded into the body and sealed by an o-ring.

There is no spring load.



# Float Removal and Service

The float is free once the bonnet has been removed.

Replace the rubber seal by pulling it from the groove on the float.



# Check Valve Removal

Check valve is spring loaded.

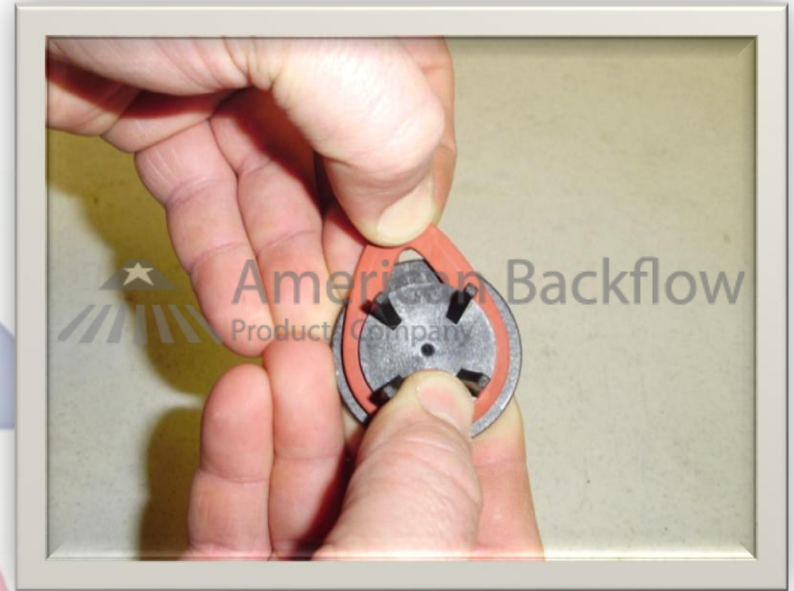
Remove spring retainer by pressing down and rotating to clear tabs on the body.

Remove spring and poppet.



# Check Disc Replacement

Replace the rubber disc by pulling it from the groove on the poppet.



# Check Seat Replacement

The check seat is threaded into the body and sealed by an o-ring.

A special tool is needed to remove the seat.





# Reassembly Notes

- Reassemble in reverse order.
- Place large end of spring down in body.
- The guides on the retainer face up.
- The guides on the float face up.
- Make sure the float spring is centered on the float.

