

# Model 2000B

Sizes: 1/2" - 2"

# Double Check Backflow Prevention Assembly

(Before servicing be certain water is turned off or shut-off valves are closed)

Note: Ames assemblies require minimum maintenance. All assemblies must be retested once maintenance has been performed prior to use.

## Servicing the First and Second Check Valves:

1. After removing the cover, remove the retainer for the body bore. The check valve cartridges can now be removed from the valve by hand or with a screwdriver. **Note:** For Model 2000B sizes 1/2" - 2", the seats and springs of the first and second check modules are **not** interchangeable. The heavier spring and smaller diameter seat belong with the first check module. Model 2000B sizes 3/4" - 1" have interchangeable seats and springs.
2. The check seats are attached to the cage with a bayonet type locking arrangement. Holding the cage in one hand, push the seat inward and rotate counterclockwise against the cage, for 3/4" Model 2000B pull apart seat and cage. The seat, cage, spring and disc assembly are now individual components.
3. The disc assembly may now be cleaned and reassembled or, depending on its condition, it may be discarded and replaced with a new assembly from the repair kit. O-rings should be cleaned or replaced as necessary.
4. Reassemble the check valve cartridge in the reverse order. Check cartridges are installed in the valve body with the seats facing the valve inlet. The cartridges must be securely in place before the retainer can be replaced. On the 3/4" - 1" size, this retainer may have to be tilted slightly into place. Replace cover.

