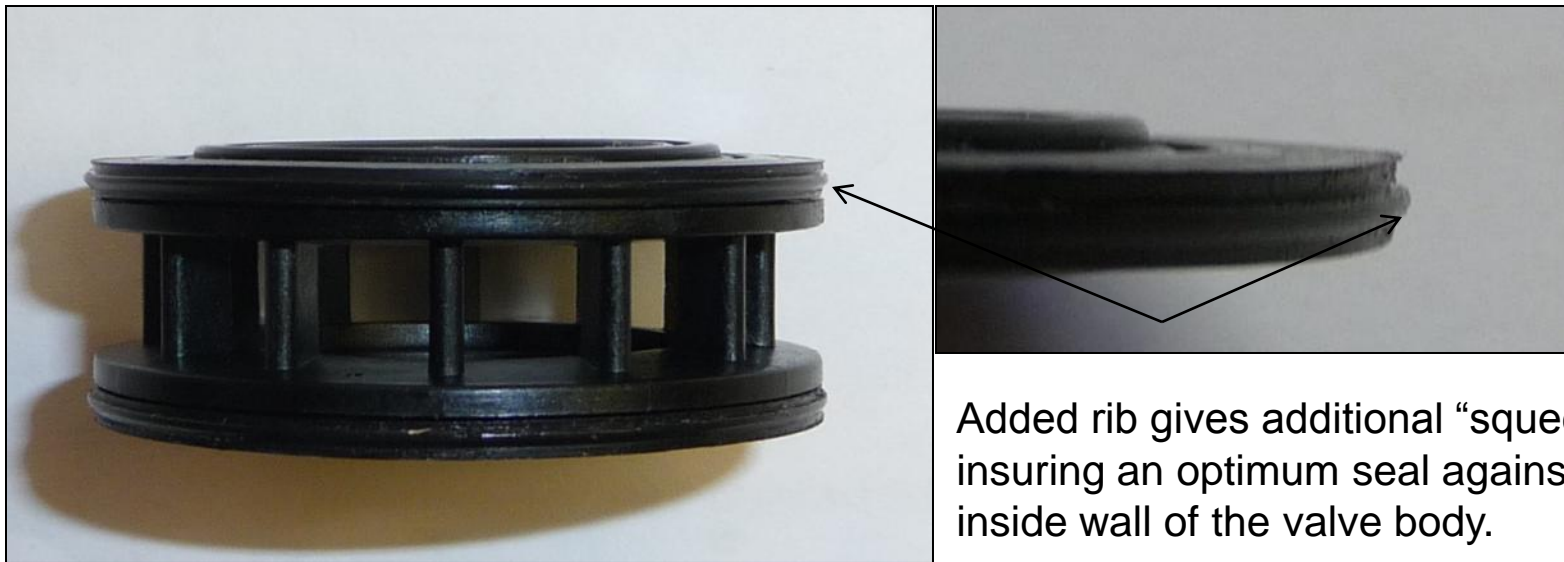




VALVE IMPROVEMENTS

Seals & Spacers

Piston, seals, and spacers have proven to be the most reliable technology over the past 40 years. We have taken another step forward in improving the sealing interface between the inner valve wall and valve seal.



Added rib gives additional “squeeze” insuring an optimum seal against the inside wall of the valve body.

The main benefit of this improvement is the valve can withstand even higher pressures without any internal leaks between positions or external leaks through the drain port or out of the valve through the top seal.

Piston Design

The piston design has also been optimized to improve service and back wash performance, reduced noise, as well as long term reliability.



Piston Rod & Link

The piston rod and link are cut and machined to a very tight tolerance so they fit together with no slop or play. This insures the drive force is transferred directly to the piston with less side load on the end plug.



Piston "Muffler"

A flow reducer has been added so that when the valve is in the rinse position, the cavitation noise is significantly reduced. This feature does not in any way affect flow performance.

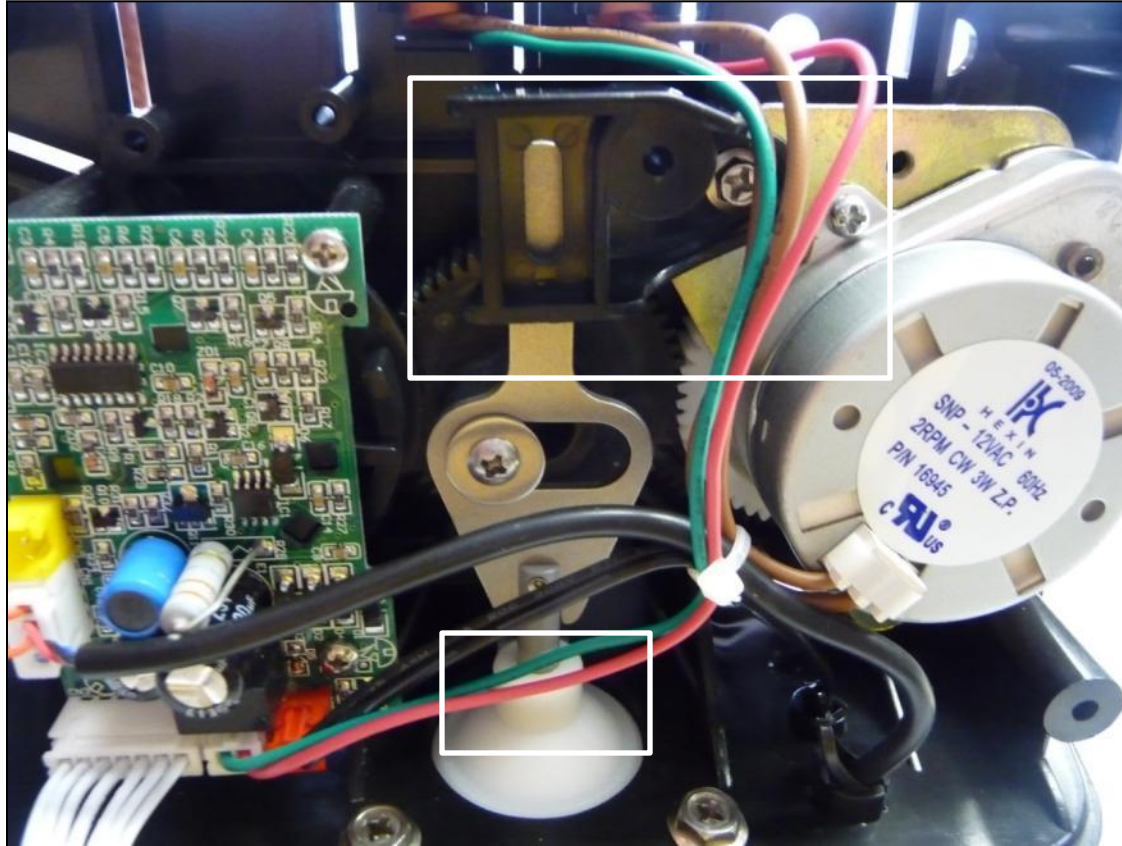


Piston Design

The piston grooves have been optimized resulting in higher service and back wash flow rates compared to a 5600 valve.

Piston Stabilizer

This unique feature eliminates a common problem of leaking through the top of the end plug seal. By guiding the piston link firmly while it travels up and down, the side load force between the piston rod and end plug seal is eliminated.



Brine Valve

Materials used in the brine valve have been changed to withstand even more corrosion from brine contact and stress cracking.



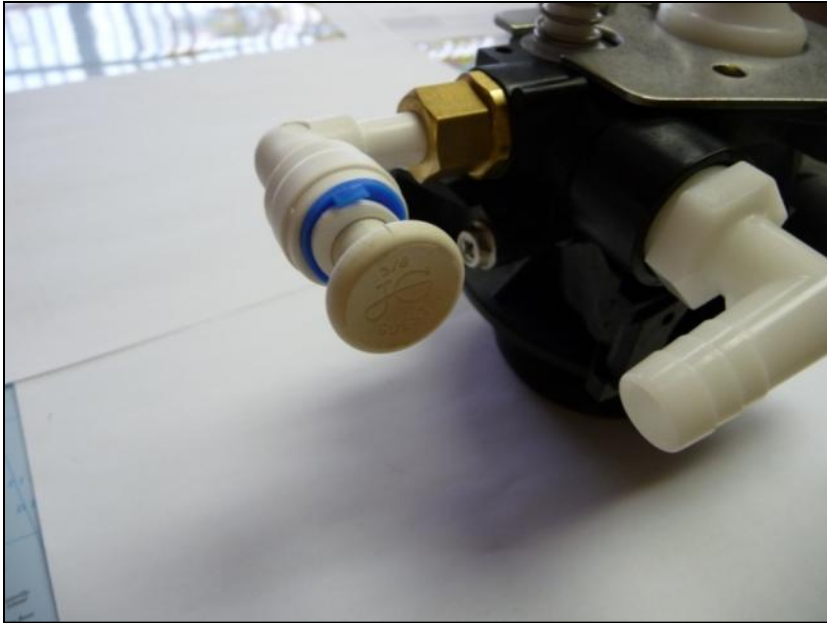
316 stainless steel brine stem

In older designs, the Teflon coating eventually wears exposing brass to the brine solution. This quickly corrodes the brass material causing the sealing surfaces between the rubber and stem to leak.

316 Stainless Steel is 10 times more corrosion resistant than brass.

Brine & Drain Line

All valves are supplied with easy brine and drain line connections.



The 3/8" quick connect elbow allows the brine line to be connected in seconds. Want to change your valve to a filter? Simply add the 3/8" plug!



The drain elbow is designed with an o-ring seal. It can be inserted and removed over and over. No more messing around with pipe dope or Teflon tape!

Install Kit

Each valve install kit includes all the accessories to convert each valve to fit any size residential softener or filter configuration.



Install kit includes:

- Bypass and 3/4" male connectors
- Top cone
- CSA/CUL 12V Power Transformer
- Injector & nozzles for larger tanks
- Back wash buttons for larger tanks
- Silicon grease
- Bypass tool



Quick Connect Options

With the unique quick connect feature, any system can quickly be adapted to ½", ¾", or 1" fittings. The quick connect features can easily reduce your installation time.



The ¾" male connector 90 degree elbows eliminate at least two plumbing connections!

Turbine Meter

Another unique feature is the turbine meter is incorporated into the bypass body saving valuable installation space.



By incorporating the turbine impeller inside the structurally strong meter housing it virtually eliminates a common problem of “jamming” found with other meters.

Quick Connect Power Cord

***This feature allows for the simple installation or removal of the valve from the tank.
No need to deal with the power cord getting tangled or wrapped up!***

