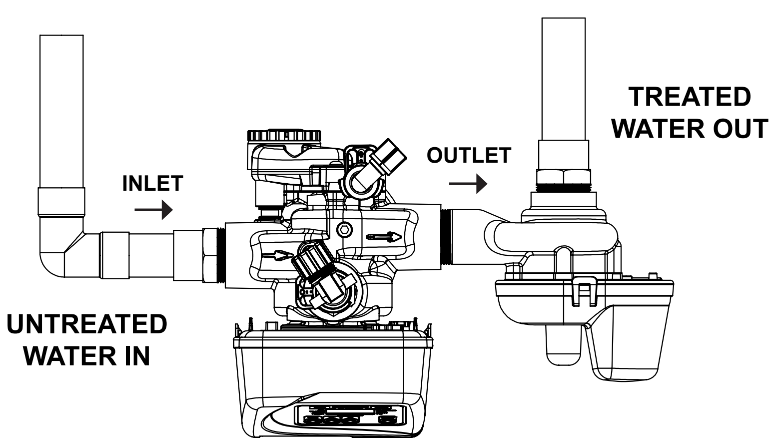
# Water Specialist 1.5" NPT or BSPT No Hard Water Bypass


Certified to NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372.

**Order No. V3097 • NPT**
**Order No. V3097BSPT • BSPT**



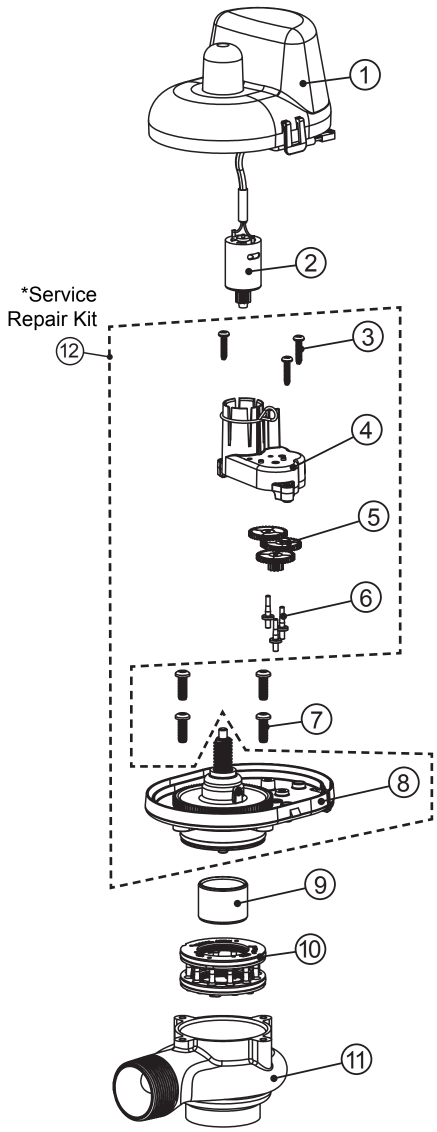

EXAMPLE OF A NO HARD WATER BYPASS CONFIGURATION

- 1.5" NPT or 1.5" BSPT
- Durable 316 stainless steel casting
- Electro polished for improving corrosion resistance, leaving a lasting bright finish
- Hydraulically balanced piston valve
- Allows for WS1.5 Valves to be used in multi-tank systems
- Full 1.5" ports with minimal pressure loss
- Provides for no raw water bypass during regeneration
- Provides choices of treated or non-treated water regeneration
- Proven and reliable Clack DC drive assembly
- Low voltage drive assembly controlled by valve's circuit board
- Flow from male inlet to female outlet has a 2.4 PSI drop at 60 GPM
- Operating Pressures:
  20 PSI Minimum
  125 PSI Maximum
- Operating Temperatures:
  40°F Minimum
  110°F Maximum

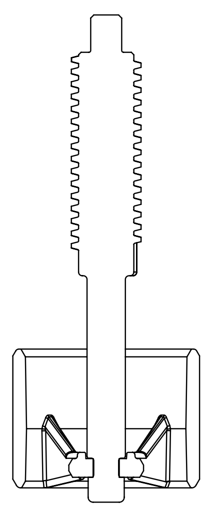
## Order No. V3097 • Description: NO HARDWATERBYPASS 15INMXF NPT or
## Order No. V3097BSPT • Description: NOHARDWATERBYPASS 15INMXF BSPT

| Drawing No. | Order No. | Description | Quantity | |
|---|---|---|---|---|
| | | | V3097 | V3097BSPT |
| 1 | V3073 | MAV/NOHWBY COVER ASY | 1 | 1 |
| 2 | V3476 | WS MOTOR ASY 8 FT | 1 | 1 |
| 3 | V3592 | SCREW #8-3/4 PHPN T-25 SS | 3 | 3 |
| 4 | V3262-01 | WS1.5&2ALT/2BY REDUCGEARCVRASY | 1 | 1 |
| 5 | V3110-01 | WS1 DRIVE REDUCING GEAR PLAIN | 3 | 3 |
| 6 | V3264 | WS2 BYPASS REDUCTION GEAR AXLE | 3 | 3 |
| 7 | V3527 | SCREW 1/4-20 X 3/4 BHSCS SS (5/32" HEX ALLEN WRENCH REQUIRED) | 4 | 4 |
| 8 | V3072 | MAV/NOHWBY 1/125/15 DRIVE ASY | 1 | 1 |
| 9 | V3506-01 | MAV/NOHRD 1/125/15 PISTON | 1 | 1 |
| 10 | V3886 | WS15 NHWBY STACK ASY | 1 | 1 |
| 11 | V3832-01 | WS15 NHWBY BODY M X F NPT | 1 | N/A |
| | V3832BSPT-01 | WS15 NHWBY BODY M X F BSPT | N/A | 1 |
| Not Shown | V3805 | STRAIN RELIEF COVER KIT | 1 | 1 |

| | | |
|---|---|---|
| *12 | V3042 | WS1/1.25/1.5 MAV & NHWB SERVICE PACK |




•**Operating Pressures:**
**20 PSI Minimum / 125 PSI Maximum**
•**Operating Temperatures:**
**40°F Minimum / 110°F Maximum**



Piston Orientation