• 2” top mount or side mount control valve suited for commercial/industrial applications
• Epoxy coated lead free brass valve body*
• Economical stainless steel optional meter assembly
• Service flow rate of 125 gpm, backwash 85 gpm
• Solid state microprocessor with easy access front panel settings
• Front panel display for time of day, days until next regeneration, volume remaining, current flow rate and total volume used (Totalizer)
• Four methods to initiate regeneration; meter immediate, meter delayed, time clock delayed or pressure differential
• Optional double backwash feature offers optimum regeneration, cleaning ability and efficiency
• Fully adjustable cycle times with 6-cycle control delivers controlled backwash, downflow brining or upflow brining, slow rinse, second backwash, fast rinse, refill and downflow service
• Coin Cell Lithium battery back-up with an 8 hour carry over
• 12-volt output AC Adapter provides safe and easy installation
• Post treated water regenerant refill
• Reliable and proven DC drive
• Patented one piece expanding seal spacer stack assembly U.S. Patent 6,402,944
• Patented linearly reciprocating piston operation U.S. Patent 6,444,127
## Water Specialist 2” EE/QC Control Specifications

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### CONTROL VALVE FLOW RATES

- **Service @15 psi drop**: 125 gpm
- **Backwash @ 25 psi drop**: 85 gpm
- **Cv Service**: 32.3
- **Cv Backwash**: 17.0

### OPERATING PRESSURES

- Minimum/Maximum: 20 psi – 125 psi

### OPERATING TEMPERATURES

- Minimum/Maximum: 40º – 110º F

### METER SPECIFICATIONS

- **Accuracy**: ± 5%
- **Flow Rate Range**: 1.5 – 150 gpm
- **Gallon Range**: 20 – 1,500,000 gallons
- **Totalizer**: 1 – 9,999,000 gallons

### DIMENSIONS & WEIGHT

- **Distributor Pilot**
  - Valve bodies with 2” Female NPT Inlet & Outlet: 2.375” OD (2” NPS)
  - Drain Line Connection: 1.5” Female NPT
  - Brine Line Adapters Included: 1” Male NPT elbow, \( \frac{3}{4} \)” x 1” solvent weld elbow and \( \frac{1}{2} \)” OD Poly Tube Compression
  - Mounting Base: 4” - 8 UN, 6” Flange or Side Mount
- **Height From Top Of Tank with 4” - 8 UN QC Base**: 11.2”
- **Height From Top Of Tank with 6” Flange QC Base**: 11.3”
- **Shipping Weight With Meter**: 30 lbs.

### ELECTRICAL SPECIFICATIONS

- **AC Adapter**
  - **U.S.**
    - Supply Voltage: 120V AC
    - Supply Frequency: 60 Hz
    - Output Voltage: 20V AC
    - Output Current: 750 mA
  - **International**
    - Supply Voltage: 230V AC
    - Supply Frequency: 50Hz
    - Output Voltage: 20V AC
    - Output Current: 750 mA

### TANK APPLICATIONS

- **Water Softener**: 12” – 48” diameter
- **Water Filter (2)**: 12” – 36” diameter

### CYCLES OF OPERATION

- 1. Backwash 1st (upflow): 1-95
- 2. Regenerate Draw/Slow Rinse (downflow): 1-180
- 3. Backwash 2nd (upflow): 1-95
- 4. Fast Rinse (downflow): 0.1-99.0 or off
- 5. Regenerant Refill (in service with treated water): 1-95
- 6. Service (downflow)

**Options:** Backwash Filter, Weather Cover

Compatible with the following typical concentrations of regenerants or chemicals: Sodium chloride, potassium chloride, potassium permanganate, sodium bisulfite, chlorine and chloramines.

1. See Distributor Pilot
2. Filter tank size calculated @ 10 gpm of backwash per square foot of bed area