





# Water Specialist 2" EE/QC Control Specifications

Inlet/Outlet (1) .....	2" Female NPT
Cycles .....	up to 6
Valve Material .....	Lead free brass
Regeneration .....	Downflow

### 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
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### OPERATING TEMPERATURES

Minimum/Maximum .....	40° – 110° F
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### 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, 3/4" x 1" solvent weld elbow and 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>U.S.</u>	<u>International</u>
Supply Voltage .....	120V AC.....	230V AC
Supply Frequency.....	60 Hz.....	50Hz
Output Voltage .....	20V AC.....	20V AC
Output Current .....	750 mA.....	750mA

### TANK APPLICATIONS

Water Softener .....	12" – 48" diameter
Water Filter (2) .....	12" – 36" diameter

### CYCLES OF OPERATION

Cycle	<u>Softener</u>	<u>Filter</u>
	Range of time in minutes	
1. Backwash 1 <sup>st</sup> (upflow) .....	1-95.....	Backwash 1-95
2. Regenerate Draw/Slow Rinse (downflow) .....	1-180	
3. Backwash 2 <sup>nd</sup> (upflow).....	1-95	
4. Fast Rinse (downflow) .....	1-95.....	Rinse 1-95
5. Regenerant Refill (in service with treated water).....	0.1-99.0 or off	
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