

Clack®



MV1

**THE FIRST CHOICE
BY WATER
TREATMENT
SPECIALISTS**



NSF

Certified to NSF/ANSI 44, 61 and 372.

Features

- Maximum savings in salt consumption in meter mode
- Reliable control valve for water softeners up to 21" diameter tanks
- Service flow rates up to 27 gpm
- Backwash flow rates up to 27 gpm
- Fully adjustable 6-step cycle
- Three methods to initiate regeneration:
 1. Time based
 2. Meter based
 3. Pressure differential based
- Patented technology

✓
**max. salt
savings**



Water Specialist 1" EE Control Specifications

Inlet/Outlet Fittings	¾" to 1.5" NPS
Cycles	up to 6
Valve Material	Noryl (1) or equivalent
Regeneration	Downflow

FLOW RATES

Service @15 psi drop (includes bypass and meter)	27 gpm
Backwash @ 25 psi drop (includes bypass)	27 gpm
Cv Service	7.0
Cv Backwash	5.4

OPERATING PRESSURES

Minimum/Maximum	20 psi – 125 psi
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OPERATING TEMPERATURES

Minimum/Maximum	40° – 110° F
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METER

Accuracy	± 5%
Flow Rate Range.....	0.25 – 27 gpm
Gallon Range.....	20 – 1,500,000 gallons
Totalizer	1000 - 9,999,000 gallons

DIMENSIONS & WEIGHT

Distributor Pilot	1.050" OD Pipe (¾" NPS)
Drain Line	¾" or 1" Male NPT
Brine Line	¾" or ½" OD Poly Tube Compression
Mounting Base	2 ½" - 8 NPSM
Height From Top Of Tank	7 ¾"
Weight	4.5 lbs.

ELECTRICAL SPECIFICATIONS

AC Adapter

	<u>U.S.</u>	<u>International</u>
Supply Voltage	120V AC.....	230V AC
Supply Frequency	60 Hz	50 Hz
Output Voltage	12V AC.....	12V AC
Output Current	500 mA.....	500 mA

TANK APPLICATIONS

Water Softener	6" – 21" diameter
Water Filter (2).....	6" – 21" diameter

CYCLES OF OPERATION (Softener Downflow)

	<u>Softener</u>	<u>Filter</u>
Cycle	Range of time in minutes	
1. Backwash 1 st (upflow)	1-95.....	Backwash 1-95
2. Regenerate Draw/Slow Rinse (downflow)	1-180	
3. Backwash 2 nd (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, Bypass

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

1. Noryl is a trademark of Sabic Innovative Plastics IP B.V. Company

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

U.S. Patents: 6,402,944 • 6,444,127

WATCHER[®]
WATCH WATER MEXICO
www.watchwater.mx