



## Features

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Iron / Manganese stains and taste
- Signature 3 Control Valve
- Legacy View Bluetooth enabled control valve for advanced diagnostics and simplified set up
- Simple 9 volt battery back-up keeps electronic meter active and will motor control valve to shut off position if in regeneration during power failure
- On demand meter providing data and history
- Adjustable Cycle Times
- Calendar Day Override
- Proprietary two valve bypass with 1" MNPT Connections
- Weather / Insect Resistant One-Piece Slide Cover
- High Flow 1" distributor
- Features Vortech™ tank technology maximizing capacity and efficiency
- Treated Water Refill with pre-brine option
- Standard brine tank size 18" X 33" with space saving 14" X 14" and oversized 18" X 40" brine tanks available
- High Flow brine safety float assembly, overflow fitting, grid plate and brine well

General Specifications	MS24-S3 MS24V-S3	MS32-S3 MS32V-S3	MS48-S3 MS48V-S3	MS64-S3 MS64V-S3	MS96V-S3*
Grains Capacity - Regeneration / Lbs Salt Used**	24,000 / 12 20,000 / 7.5 15,000 / 4.5	32,000 / 15 27,000 / 9 20,000 / 6	48,000 / 24 40,000 / 15 30,000 / 9	64,000 / 30 54,000 / 18 40,000 / 12	96,000 / 45 81,000 / 27 60,000 / 18
Maximum Raw Water Hardness (grains)	50	75	100	100	100
Maximum Clear Iron / Manganese	3	5	5	5	5
Exchange Resin (cu ft per tank)	.75	1.0	1.5	2.0	3.0
Mineral Tanks (polyglass)	8 x 44	9 x 48	10 x 54	12 x 52	13 x 65
Brine Tank (polyethylene w grid & safety)	18 x 33	18 x 33	18 x 33	18 x 33	18 x 40
Service Flow Rate (gpm per active tank)***	8.0	10.0	11.0	12.0	14.0
Backwash Flow Rate (gpm)	1.5	2.0	2.4	3.5	
Gallons Used / Regeneration	79	90	101	140	
Backwash Flow Rate (gpm) <b>Vortech (V) Units</b>	<b>1.2</b>	<b>1.5</b>	<b>2.0</b>	<b>2.4</b>	<b>3.0</b>
Gallons Used / Regeneration <b>Vortech (V) Units</b>	<b>69</b>	<b>78</b>	<b>90</b>	<b>117</b>	<b>126</b>
Space Required	18 X 26 X 53	18 X 27 X 56	18 X 28 X 62	18 X 30 X 60	18 X 32 X 74
Approximate Shipping Weight (lbs)	88	100	133	164	285

\*96 Series only available in Vortech Units

\*\*Factory Salt Settings are 9 lbs / cu ft

\*\*\*The pressure drop does not exceed 15 psi at the service flow rate