



## 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 16" X 33"
- High Flow brine safety float assembly, overflow fitting, grid plate and brine well

| General Specifications                               | MS24-S3<br>MS24V-S3                         | MS32-S3<br>MS32V-S3                     | MS48-S3<br>MS48V-S3                      | MS64-S3<br>MS64V-S3                       | MS96V-S3*                                 |
|--|---|---|--|---|---|
| Grains Capacity -<br>Regeneration / Lbs Salt Used**  | 24,000 / 12<br>20,000 / 7.5<br>15,000 / 4.5 | 32,000 / 15<br>27,000 / 9<br>20,000 / 6 | 48,000 / 24<br>40,000 / 15<br>30,000 / 9 | 64,000 / 30<br>54,000 / 18<br>40,000 / 12 | 96,000 / 45<br>81,000 / 27<br>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)            | 16 x 33                                     | 16 x 33                                 | 16 x 33                                  | 16 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>    | 1.2   | 1.5                                     | 2.0                                      | 2.4                                       | 3.0                                       |
| Gallons Used / Regeneration <b>Vortech (V) Units</b> | 69  | 78                                      | 90                                       | 117                                       | 126                                       |
| Space Required                                       | 16 X 26 X 53                                | 16 X 27 X 56                            | 16 X 28 X 62                             | 16 X 30 X 60                              | 18 X 32 X 74                              |
| Approximate Shipping Weight (lbs)                    | 88  | 100                                     | 133                                      | 164                                       | 285                                       |

\*96 Series only available in Votech Units

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

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