



Features

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Iron / Manganese stains and taste
- Isobar III 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 | DS24-3 DS24V-3 | DS32-3 DS32V-3 | DS48-3 DS48V-3 | DS64-3 DS64V-3 | DS96V-3 |
|--|---|---|--|---|---|
| Grains Capacity / Lbs Salt Used* per regeneration | 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 (ppm) | 3 | 5 | 5 | 5 | 5 |
| Exchange Resin (cu ft) | .75 | 1.0 | 1.5 | 2.0 | 3.0 |
| Mineral Tank (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)* | 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) Vortech (V) Units | 1.2 | 1.5 | 2.0 | 2.4 | 3.0 |
| Gallons Used / Regeneration Vortech (V) Units | 69 | 78 | 90 | 117 | 126 |
| Space Required | 16x26x53 | 16x27x 56 | 16x28x 62 | 16x30x 60 | 18x32x 74 |
| Approximate Shipping Weight (lbs) | 88 | 100 | 133 | 164 | 285 |

Min/Max working pressure: 20/125 psig. Min/Max operating temp: 33/120°F.
 Comes standard with 3/4" bypass. For a 1" bypass, add 10B to suffix of all model numbers.
 * Factory Salt Setting: 9 lbs / cu. ft.
 ** The pressure drop does not exceed 15.0 psi at the service flow rate.