



## 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
- "V" units feature Enpress® Vortech™ distributor plate
- 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	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)	18 x 33	18 x 33	18 x 33	18 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) <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	18x26x53	18x27x56	18x28x62	18x30x60	18x32x74
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.