CSI
WATER TREATMENT SYSTEMS

Standard Two-Tank Softener

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*	20,000 / 7.5	27,000 / 9	40,000 / 15	54,000 / 18	81,000 / 27
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 Tank Size	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	18 x 40	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	
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
Gallons Used / Regeneration	79	90	101	140	
Space Required (D x W x H)	16x26x 53	16x27x 56	16x28x62	18x30x60	18x32x74
Approximate Shipping Weight (lbs)	88	100	133	164	285

System 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
- Optional 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

*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.