



## Features

- Eliminates Hardness (Calcium & Magnesium)
- Reduces Tannin stains, taste & odor
- 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
- Vortech Standard
- 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 plates and brine well

General Specifications	AST32-3	AST48-3	AST64-3
Grains Capacity / Hardness per Regeneration	24,000	32,000	48,000
**Salt Used / Regeneration (lbs)	12.0	15.0	24.0
Maximum Raw Water Hardness (grains)	50	75	100
Maximum Clear Iron / Manganese (ppm)	.50	.50	.50
Exchange Resin (cu ft)	.75	1.0	1.5
Tannin Resin (cu ft)	.25	.50	.50
Mineral Tank (Vortech™)	9 x 48	10 x 54	12 x 52
Brine Tank (polyethylene with grid & safety)	18 x 33	18 x 33	18 x 33
Service Flow Rate (gpm)	10.0	11.0	12.0
Backwash Flow Rate ((gpm)	1.3	1.5	2.0
Gallons Used / Regeneration	69	80	93
Space Required	18 x 27 x 56	18 x 28 x 62	18 x 30 x 60
Approximate Shipping Weight (lbs)	100	133	164

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.