The MCA Series®
The Simplus System®
A Simple Solution To Sulfur Odor Removal

Built to give you the best quality water for your family.

- Money saving
- Efficient
- Reliable
- Easy to use
- Smart valve technology
- 12 year warranty
- Factory support for the life of the unit
- Removes sulfur odor without continuous chlorine injection
- Simple automatic regeneration cycle keeps Simplus media bed clean
- Vortech® smart tank technology

Quality that lasts!
**WARRANTY**
One of the best in the business!
12 year warranty on mineral tanks and brine tanks.
5 year warranty on valves.

**MEMORY RETENTION**
Battery free time/date retention during power failure. UP TO 2 HOURS!
Programmed information is stored permanently.

**FACTORY SUPPORT**
Factory technical service is available to your dealer or distributor for the life of the unit.

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**DESCRIPTION**
The Simplus system uses a unique manganese based filtration media that acts as a catalyst to oxidize and then trap the precipitated sulfur. The system automatically starts a simple regeneration process of backwashing and then rinsing to remove the precipitated sulfur. A Simplus Chlorine Tank accompanies the filter to occasionally introduce chlorine into the unit during its regeneration cycle to super clean the media. The Simplus system is designed to provide years of sulfur removal without the headaches of other sulfur systems that use continuous chlorination or air induction. You will be pleased with the reliability and ease of service of the Master Simplus System.

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**FEATURES**

**OPTIONAL REGENERATION TIMES**
Timer can be set to regenerate whenever you choose.

**BACKWASH OPTIONS**
Optional second backwash.
It’s up to you!

**TOUCH OF CONVENIENCE**
The control valve is factory programmed with complete operational parameters. Simply set the timing schedule... IT’S THAT EASY!

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**MBA® Control Valve**

**Bypass Valve**

Series MCA Automatic, 3-Cycle Filter Control constructed of non-corrosive Noryl®. The control valve automatically starts a regeneration cycle whenever you choose. The MCA 1" control valve is designed with a unique cam assembly that makes servicing the unit a snap! The MCA control valve is guaranteed for 5 years.**

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**ON SITE REQUIREMENTS**
Maximum 5.0 ppm Sulfur
Maximum 2.0 ppm Manganese
Maximum 5.0 ppm Iron
Maximum 50.0 NTU Turbidity
pH range 6.8-7.8

The 464 shut-off prevents air from entering the Simplus system during the draw cycle. It also maintains the proper water level in the chlorine regeneration tank.

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**SPECIFICATIONS**

<table>
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<tr>
<th>Model Number</th>
<th>Service Flow GPM</th>
<th>Backwash Flow GPM</th>
<th>Service Pipe Size</th>
<th>Drain Pipe Size</th>
<th>CF Filter Media</th>
<th>Height</th>
<th>Width</th>
<th>Depth</th>
<th>Shipping Weight LBS.</th>
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**Finally... Reduced discharge is a Reality!**

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**Vortech**
The world's newest bottom distribution system improves cleaning of the media bed and reduces freeboard.

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