



## FEATURES

- Designed for use with constant pressure (variable speed) and jet type pumping systems
- Quiet, high output, oil less air compressor for maximum aeration
- *Signature Series*™ Control Valve with meter for precise, field programmable compressor control
- Advanced electronic technology and simple programming
- Adjustable cycle times
- Battery backup
- High backwash flow capability
- Independently operated inlet/outlet bypass valve
- 1" FNPT stainless steel yoke connection
- 1" FNPT stainless steel yoke connection (optional)
- Features Enpress® Vortech™ distributor plate
- Poly wound **REACTR**™ tank
- Poly wound mineral tank

With the advent of constant pressure (variable speed) pumping systems, CSI Water Treatment went back to the drawing board to engineer a **REACTR**™ System that will effectively treat iron, manganese and sulfur gas when a constant pressure well system is utilized - the **REACTR VS**™.

The **REACTR VS**™ will work equally well for jet pump type systems, where typical air injection systems won't. Incorporating a quiet, high output, oil less air compressor, the **REACTR VS**™ provides the aeration power for chemical free treatment of problem well water. For those really tough jobs the **REACTR VS**™ is designed to add the *Oxyclean*™ Option for chlorinating the entire system every backwash cycle.

The *Signature Series*™ Control Valve provides high backwash flow capabilities and utilizes an integral contact flow meter that is field programmable for precise compressor control.

The **REACTR VS**™ System provides new technology treatment for new technology constant pressure pumping systems!

### Manganese Removal

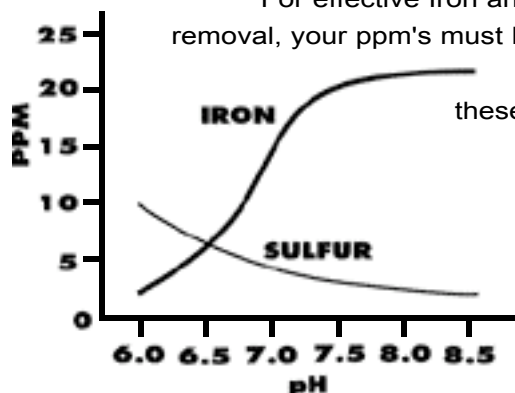
**REACTR**™ capability to remove Manganese from water is critically dependent on the Iron and pH levels as shown below:

If the Iron to Manganese ratio is:                      Then the pH must be at least:

10:1	7.0
5:1	7.8
1:1	8.3
0:1	8.5

### Iron and Sulfur Removal

For effective Iron and Sulfur removal, your ppm's must be on or below these curves



General Specifications	REACTR™ Blend					
	RF10VS	RF15VS	RF20VS	RF25VS	RF30VS	RF40VS
Filter Media Type	REACTR™ Blend					
Filter Media Capacity (cu ft)	1.00	1.50	2.00	2.50	3.00	4.00
REACTR™ Tank (polyglass)	9x48	9x48	9x48	9x48	16x40	16x40
Mineral Tank (polyglass)	9x48	10x54	13x48	13x54	14x65	16x65
Service Flow Rate - Continuous (gpm)	4	5	6	8	9	11
Service Flow Rate - Intermittent (gpm)	6	7	8	10	11	13
Backwash Flow Rate (gpm)	5.0	5.0	7.0	7.0	10.0	15.0
Gallons Used / Backwash	130	130	156	182	260	390
Space Required (DxWxH inches) REACTR™ Tank	9x9x62	9x9x62	9x9x62	9x9x62	9x9x62	16x16x51
Space Required (DxWxH inches) Filter Tank	9x9x56	10x10x62	13x13x56	13x13x62	14x14x73	16x16x74
Approximate Shipping Weight (pounds)	138	170	205	265	308	430

Note: Caution should always be used in sizing filters! Always choose a unit by first satisfying the *Backwash requirement*. Use of a flow control in the Service Line is highly recommended. Consult the factory or your field sales person with questions.

## Typical Installation

