

## General Information

VAF's **MicroFlush™** filtration system controller demonstrates VAF's commitment to providing quality and simplicity with the most advanced self-cleaning screen technologies available today. VAF's **MicroFlush™** filter controller allows the control and monitoring of a self-cleaning system with unprecedented features and flexibility at an economical price. VAF's **MicroFlush™** filter controller used in conjunction with VAF's V-Series filtration products is designed to meet Green Building Initiative (LEED Qualified) requirements by minimizing water and energy waste with this new and innovative technology.

# VAF Filter Controller MicroFlush™

## MicroFlush™ Specifications

- |                          |   |
|--------------------------|---|
| <b>Housing</b>           | <ul style="list-style-type: none"> <li>• NEMA 6/IP67</li> <li>• 6"x6"x3.5"</li> </ul>   |
| <b>Electrical input</b>  | <ul style="list-style-type: none"> <li>• 110/220 VAC 50/60Hz</li> <li>• Battery - 12 VDC or Standard AA Batteries</li> <li>• Solar Power</li> </ul> |
| <b>Electrical output</b> | <ul style="list-style-type: none"> <li>• Continuous 24 VAC</li> <li>• Latching 12 VDC</li> <li>• Steady 12 VDC</li> </ul>                           |

## VAF Filtration Systems

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 Phone +1 303 425 4242 Fax +1 303 425 0112  
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## Features

### MicroFlush™ Controller

#### Menu Driven Programming

- Easy-to-use Scroll Key Programming
  - Two line backlit LCD display
  - Password protected access
- Adjustable Features
  - Adjustable Units (PSI, kPa, bar)
  - Adjustable DP threshold
  - Adjustable flush duration
  - Schedule hours of operation
- Flush Initiation Options
  - Manually
  - Adjustable time interval
  - Adjustable pressure differential (DP)

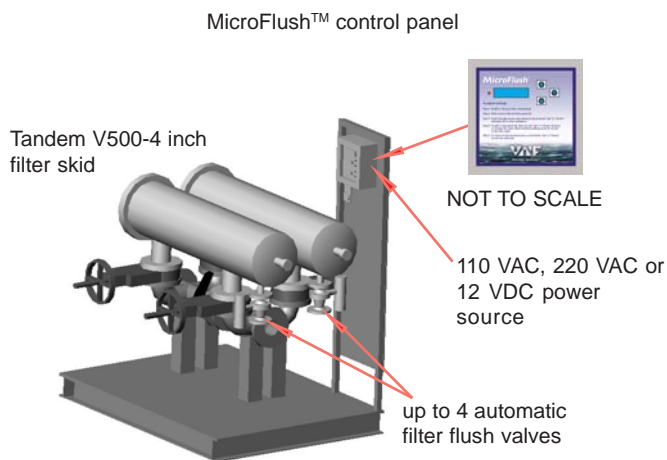
#### System Performance Recorded

- Displays Last Flush Interval
- Historical Operational Data Recorded
- SCADA Interface (SmartModule) - optional addition
- Ideal for Monitoring Filtration System Performance

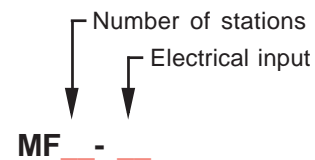
#### System Faults Detected

- Excessive Flush Faults (an industry first)
  - Monitors excessive flush waste
  - “Continuous flushing” alarm
  - Max flush per hour
  - Max consecutive flush attempts

## Typical Installation



## How To Order



#### Model

- MF1-DC
- MF1-DCS
- MF1-AC
- MF4-AC
- MF-SCADA-MOD

#### Electrical input

- Battery
- Solar
- 110/220 VAC
- 110/220 VAC
- SCADA module

#### OPTIONS:

#### Straps

Stainless steel straps enable mounting controller directly to V-Series Filter body (V-250 to V-2000).

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