



## VAF™ FILTRATION SYSTEMS VF\_-AC CONTROLLER

### GENERAL INFORMATION

The VAF™ brand VF\_-AC electronic filter controller offers simplicity with all the features necessary to fully monitor and control the operation of self-cleaning filter systems.

This controller allows flush cycles to be initiated by:

- manual
- periodic (time between flushes), and/or
- pressure differential across the filter

Up to 4, 8 or 12 parallel filters may be connected to the VF\_-AC controller. Multiple filters flush sequentially when a flush cycle is initiated. The controller then checks to be sure the pressure differential has dropped to zero, indicating the filter has been cleaned. Should the system experience three flush cycles without the differential dropping to zero, the VF\_-AC will send an alarm signal. Upon power failure, the VF\_-AC will continue without data loss.

To ease installation, optional stainless steel straps are available that allow the controller to be mounted directly to the body of a V-Series™ filter.

### Specifications

#### Housing

- NEMA/EEMAC type 4, 4x, 12, and 13 molded fiberglass with GE Lexan Margor window. Quick release latches, lockable cover. \*\*

#### Electrical Input

- 115 VAC
- 230 VAC
- 12 VDC (Battery/Solar) used with 12 VDC pulse, 2-wire latching solenoids

#### Electrical Output

- 24 VAC
- 12 VDC Continuous Solenoids
- 12 VDC Pulse, 2-Wire Latching Solenoids

#### Display

- LCD indicating Flush Count, Last Flush Interval, Operating Mode, Alarm

#### Controls

- Flush Duration, Dwell Time (Pause Between Sequential Flushes), Flush Interval (Maximum Time Between Flushes), Reset, Manual Flush, Circuit Breaker, Power On/Off

#### Alarm Output

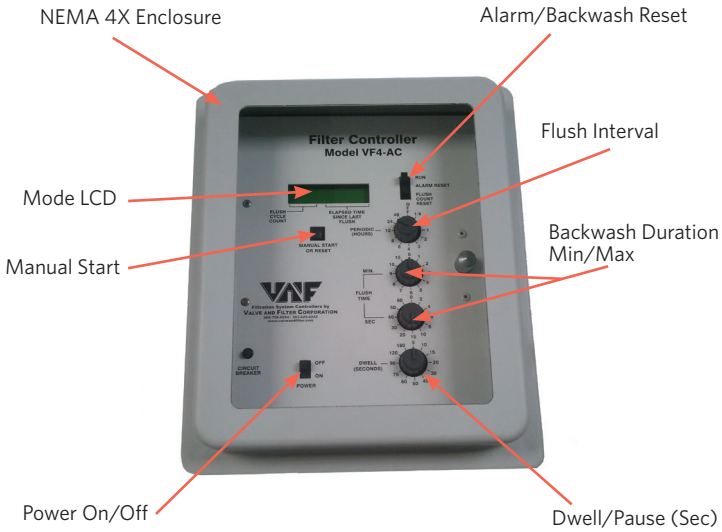
- 24 VAC, 1 amp with AC Input
- 12 VDC, 1 amp with DC Input

#### Filter Capacity

- Up to 4, 8 or 12 filters plus master valve

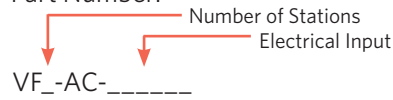
\*\* Other options available upon request

## VF\_-AC CONTROLLER FEATURES



### How to Order

Part Number:



## ORDERING INFORMATION

### Models Available

VF4-AC (1 to 4 Filters)

VF8-AC (1 to 8 Filters)

VF12-AC (1 to 12 Filters)

### Electrical Input

115 VAC

230 VAC

12 VDC (Battery/Solar)

EXAMPLE: VF4-AC-115 VAC

Options:

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

## Typical Installation

