

VAF Filter Controller VF -AC

VF -AC Specifications

Housing

- NEMA/EEMAC type 4, 4x, 12, and 13, molded fiberglass polyester with GE Lexan Margard window. Quick release latches, lockable cover.
- ** Other enclosures on special request.

Electrical input

- 115 VAC
- 230 VAC
- 12 VDC (battery/solar) used with 12 VDC 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.

General Information

VAF's Model VF -AC electronic filter controller offers simplicity with all the features necessary to fully monitor and control the operation of self-cleaning screen, sand and media filter systems.

This controller allows flush cycles to be initiated by:

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

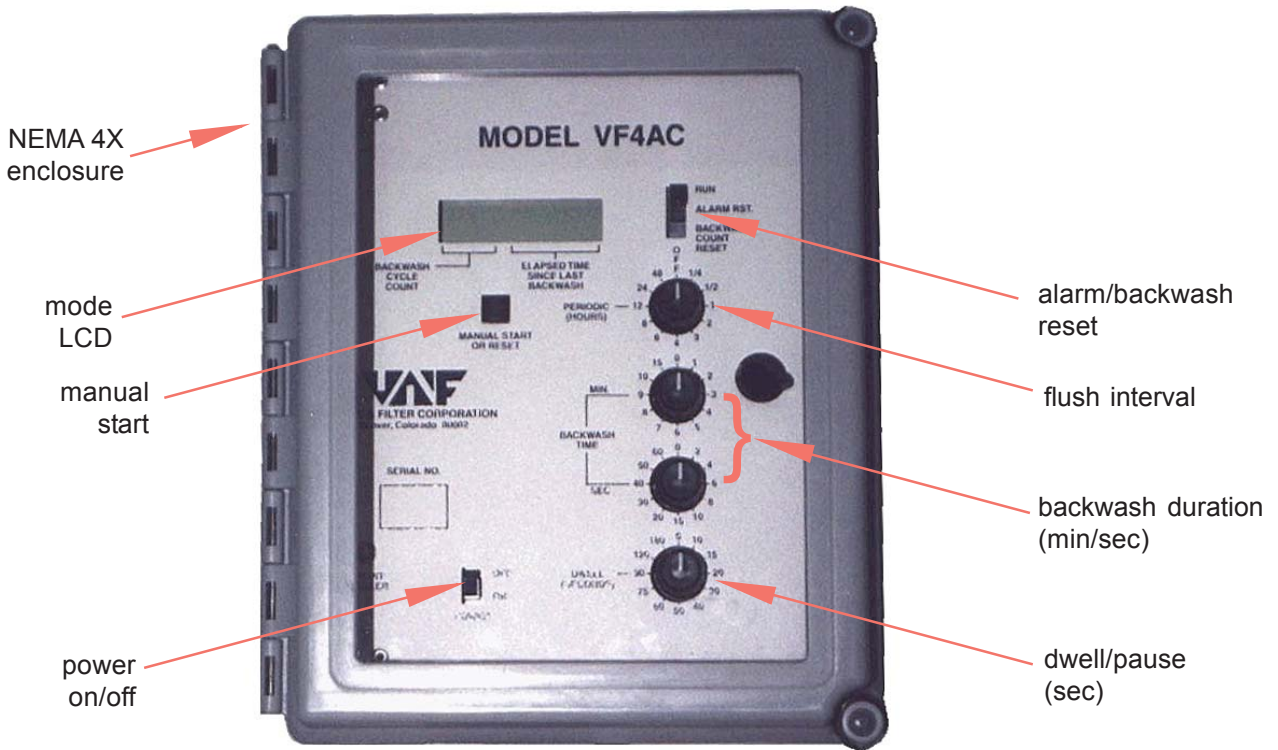
Up to 4, 8 or 12 parallel filters may be connected to the VF -AC controller. Multiple filters flush sequentially when a flush cycle is initiated. The controller then checks to be sure the pressure differential has dropped to zero, indicating the filtering medium has been cleaned. Should a pre-set limit (adjustable from 1 to 7) of simultaneous flush cycles occur, the VF -AC will send an alarm signal. Upon power failure, the VF -AC will continue without data loss.

Valve and Filter

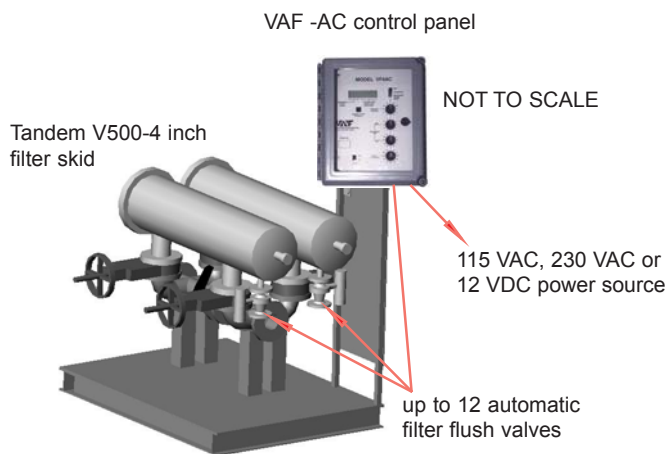
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Features

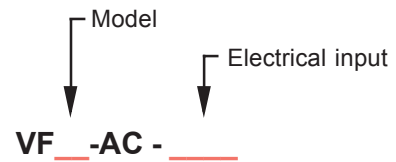
VF -AC Filter Controller



Typical Installation



How To Order



OPTIONS:

Model

- 4 (1 to 4 filters)
- 8 (1 to 8 filters)
- 12 (1 to 12 filters)

Electrical input

- 115 VAC
- 230 VAC
- 12 VDC (battery/solar used w/12 VDC 2-wire latching solenoids)

Example: VF4-AC-115 VAC

Valve and Filter

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