

Programmable Filter Controller

VF -PFC 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 std
- 50 or 60 Hz std

Electrical output

- 24 VAC / 24 VDC std
- other output voltages on request

Display

- Interactive LCD panel. Displays system status, allows programming.

Controls

- Using LCD panel, user can set important system variables such as: Flush duration, dwell time (pause between sequential flushes), flush interval (maximum time between flushes), DP setpoint, manual flush, power on/off.

Alarm output

- 24 VAC or 24 VDC relays available.
- LED on front panel for each alarm

Filter capacity

- Up to 49 backflush valves

General Information

VAF's Model VF-PFC programmable filter controller offers extended functionality and control for your filtration system. The VF-PFC controls the V-Series automatic self-cleaning filters, flushes centrifugal sand separators, and monitors polishing bag/cartridge filter housings as a single, integrated filtration unit. Up to 49 separate valves and multiple alarms are controlled using internal relays.

This controller:

- optimally integrates filtration technologies,
- monitors and logs system performance, and
- provides easy user interface.

The controller monitors your system and logs flow rates, pressures, changes in differential pressure as well as important system functions such as flush cycles and alarms. These logs can be downloaded and graphed (with optional software) via an ethernet connection. This data can be analyzed or sent to VAF engineers for analysis.

The VF-PFC is state-of-the-art control and monitoring for your filtration system.

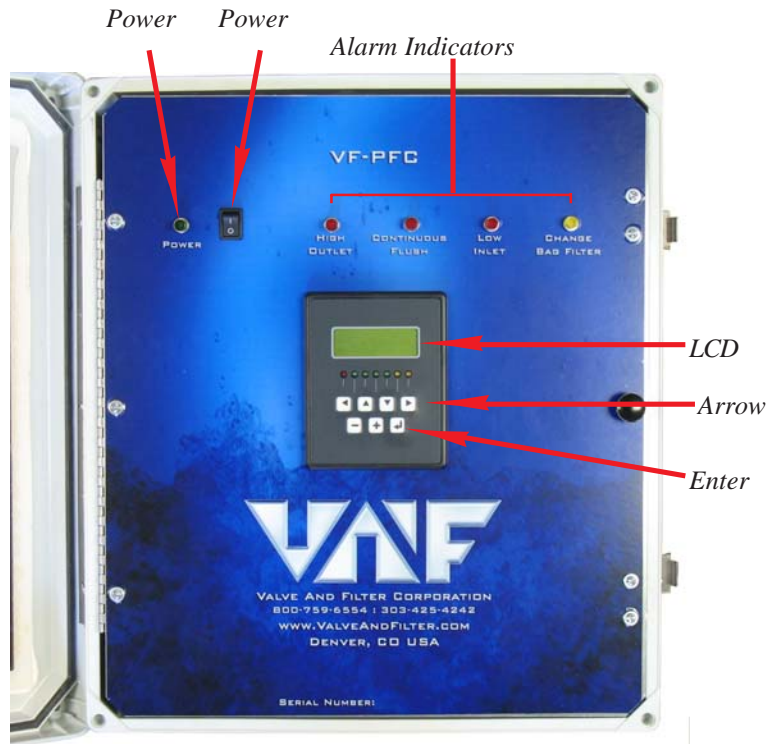
Valve and Filter

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Features

VF-PFC Programmable Filter Controller

NEMA 4X enclosure

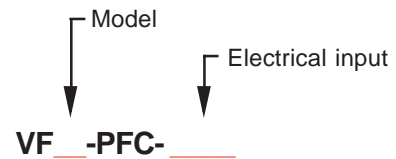


Typical Installation

The VF-PFC is perfectly suited for almost any filtration system containing automatic self-cleaning screen filters, and/or centrifugal sand separators, and/or bag filter housings.



How To Order



OPTIONS:

Model

- 1 (1 to 8 valves)
- 2 (1 to 24 valves)
- 3 (1 to 40 valves)
- 4 (1 to 49 valves)

Electrical input

- 115 VAC
- 230 VAC

Example: VF1-PFC-115 VAC

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