![CleanAlert logo] **CleanAlert**
Air System Efficiency Monitors

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FILTERSCAN® Air Filter Clog Detector & Service Reminder

FEATURES

- Automatic air filter clog monitoring
- Visual and audible alerts
- AC/DC or battery operation
- Easy installation and operation
- Optional wireless alert and receiver
- Wired output to remote device/controller
- Functions with a wide variety of air filters

APPLICATION EXAMPLES

- Residential HVAC systems
- Commercial HVAC systems
- Single or multi-speed systems

The **FILTERSCAN**® Air Filter Clog Detector utilizes patented differential pressure methods to monitor air filter clogging status. It provides local and optional wireless remote alerts and is compatible with single and multi-speed blower HVAC systems and most VAV (Variable Air Volume) systems.

Specifications

Power Requirements:	5.5 VDC AC Adapter or 4 AA Batteries - Model FS-242-B & -BW
	24 VAC/DC via conduit - Model FS-242-C & -CW
Differential Pressure Range:	Near zero to 4.0" water
Alert Output:	Audible Beeper and LED indication
Wired Output:	Pulsing 0 V to 5 VDC @ 18 mA upon clog or low battery alert
Indicators:	Green / Yellow / Red Status LED and Audible Beeper
Electrical Connections:	Power - 2.5mm barrel jack mates to AC Adapter, B & BW Versions, or
	Power - Conduit into terminal block, 14 - 22 AWG, C & CW Versions
	Output - Conduit into terminal block, 18-22 AWG, C & CW Versions
Temperature Range:	32° to 122° F (0° to 50° C), Operating
	-40° to 257° F (-40° to 125° C), Storage
Humidity:	80% RH, Non-condensing
Wireless RF Frequency:	418 MHz
Wireless Range:	Up to 100 feet, line of sight
Monitor Dimensions:	6" x 4 5/8" x 1 1/2"
Receiver Dimensions:	2 3/4" x 3 3/4" x 1"

Model Number	Description	
FS-242-B	FILTERSCAN, Battery or Adapter Operated, No Wireless	
FS-242-C	FILTERSCAN, 24V Conduit Operated, No Wireless	
FS-242-BW	FILTERSCAN, Battery or Adapter Operated, Wireless	
FS-242-CW	FILTERSCAN, 24V Conduit Operated, Wireless	
FS-242-BWR	FS-242-BW Plus Wireless Receiver	
FS-242-CWR	FS-242-CW Plus Wireless Receiver	
FS-201	Receiver, Wireless, Single Address	
CA-355	Adapter, 5.5 VDC	

Made in the USA

RoHS COMPLIANT

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