

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 - Models FS-242-B & -BW 15 to 24 VAC/DC @ 30 mA max via conduit - Models FS-242-C & -CW Near zero to 4.0" w.c.
Differential Pressure Range:	Audible Beeper and LED indication
Alert Output:	Pulsing 0 V to 5 VDC @ 18 mA max upon clog or low battery alert
Wired Output:	One Form C contact set @ 500 mA max (C and CW models only)
Relay Output:	Green / Yellow / Red Status LED and Audible Beeper
Indicators:	Power - 2.5mm barrel jack mates to AC Adapter, B & BW Versions, or Power - Conduit into terminal block, 14 - 22 AWG, C & CW Versions
Electrical Connections:	Output - Conduit into terminal block, 18-22 AWG, C & CW Versions 32° to 122° F (0° to 50° C), Operating -40° to 257° F (-40° to 125° C), Storage
Temperature Range:	80% RH, Non-condensing
Humidity:	418 MHz
Wireless RF Frequency:	Up to 100 feet, line of sight
Wireless Range:	6" x 4 5/8" x 1 1/2"
Monitor Dimensions:	2 3/4" x 3 3/4" x 1"
Receiver Dimensions:	

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
CA-4DP	Kit, Tubing, Differential Mounting



FCC ID Number: **AUPFS-242**
IC Certification/Registration Number IC: **10341A-FS242**
Numéro de Certification / d'enregistrement les IC: **10341A-FS242**

Specifications are subject to change without notice.

FSPIS131003