CleanAlert
Air System Efficiency Monitors

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FILTERSCAN® *WiFi* Air Filter Monitor & Notification System

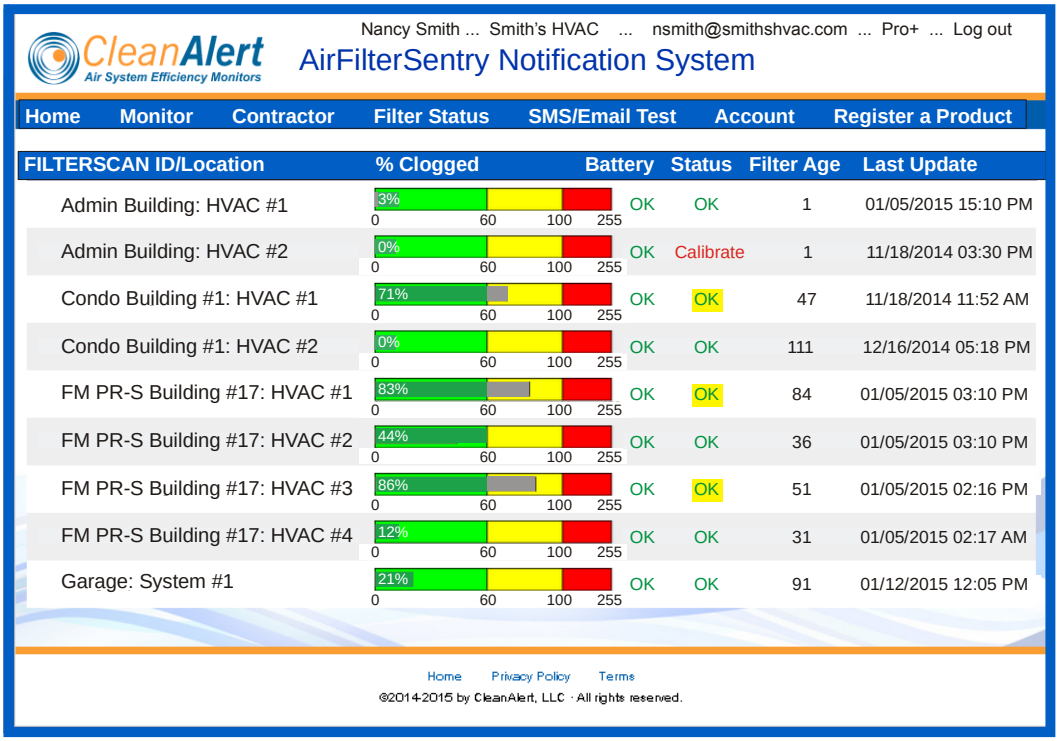
Profit from Air Filter Monitor Alerts

Distinguish yourself from the competition by providing a new level of service. When your customers install a **FILTERSCAN® *WiFi* Air Filter Monitor** on their HVAC system and you become a member of the **AirFilterSentry Pro Network** (joining is FREE) they can designate YOU to receive the monitor's air filter clog alerts by text or email.

Cleaning or replacing air filters at the right moment will keep your customers' heating and air conditioning equipment running at its peak efficiency while extending the life of their HVAC systems. The **FILTERSCAN *WiFi*** Air Filter Monitor utilizes patented differential pressure technology to monitor air filter clogging status. In addition to providing local, text and e-mail alerts, it is compatible with single and multi-speed blower HVAC systems and most VAV (Variable Air Volume) systems, and can be used with a wide variety of air filters.

Increase Revenue with Remote Air Filter Monitoring

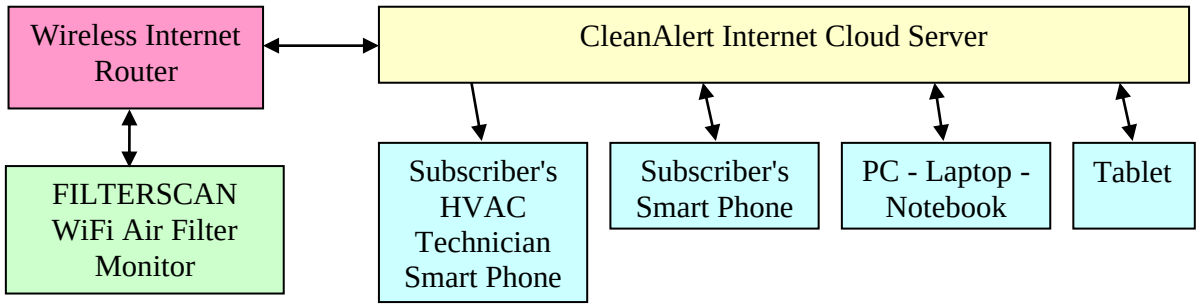
- Becoming a member of the Pro or Pro+ Network is an inexpensive way to put your company in front of potentially new customers
- Anticipate service calls and lower your service delivery costs by consolidating air filter service calls to particular customer areas
- Ideal for HVAC contractors servicing multiple residential communities, apartment buildings or national & regional contracts
- Keep track of air filter maintenance with our sophisticated reports
- Maintain IAQ and eliminate clogged air filters
- Configurable text and e-mail alerts are provided by the cloud-based **AirFilterSentry Notification System**



Did you know that a clogged air filter*

- Reduces the overall air flow in HVAC systems
- Blocks the cooling coil, reducing effectiveness
- Increases the operating cost of HVAC systems
- Causes dirt to accumulate on the fan blades, increasing energy costs
- Leads to frost build up on the cooling coil or total blockage of air flow
- Permits dirt to bypass the filter, where it soils and blocks the blower fan
- Fails to capture contaminants, leading to poor indoor air quality
- In extreme cases, can even be sucked into the blower assembly
- Causes excessive dirt build up in your air duct system leading to mold or allergen problems

* A study of 40,000 homes by the City of Tallahassee, Florida, found the second most common reason for high summer electric utility bills (the most common reason being an incorrect "fan" setting) was a clogged air filter (floridapsc.com/publications/consumer/brochure/113CausesHighSummerUtilityBills.pdf). Furthermore, dirty filters are the primary cause of HVAC equipment failure (diamondcertified.org/report/valley-heating-cooling-electrical-0/article/make-sure-you-choose-the-right-air-filtersfor-your-hvac-system).



FILTERSCAN status is sent to the database periodically and can be sent upon demand from the **FILTERSCAN** by depressing the SEND button. Status includes percentage of air filter life used, battery condition, system error, time since last filter service, and software version. Software updates can be performed remotely from the database to each individual **FILTERSCAN *WiFi*** Air Filter Monitor.

Specifications

Power Requirements:	Model FS-245-B: Four included AA batteries, or optional CA-360 6 VDC wall adapter (Battery life approximately one year) Model FS-245-C: 15 to 24 VAC/DC @ 250 mA max via conduit
Differential Pressure Range:	Near zero to 4.0" w.c.
Clog Filter Trigger Point:	1.5 to 2 times initial differential pressure (at the recommended setting on the **SERVICE FILTER** control)
Insertion Depth into Duct:	Does not extend into duct
Local Alert Output:	Audible Beeper and LED indication
Wired Output:	Pulsing 0 V to 5 VDC @ 18 mA max upon clog or low battery alert
Relay Output:	Optional one form C dry contact @ 500 mA max – Model FS-245-C
Text & E-Mail Notification:**	User configurable SMS text messaging and e-mail
Indicators:	Green / Yellow / Red Status LED and audible beeper
Electrical Connections:	Power - 2.5mm barrel jack mates to wall adapter: Model FS-245-B, or Power - Conduit into terminal block, 14-30 AWG: Model FS-245-C Output - Conduit into terminal block, 14-30 AWG: Model FS-245-C
Temperature Range:	32º to 122º F (0º to 50º C), Operating -40º to 257º F (-40º to 125º C), Storage
Humidity:	80% RH, Non-condensing
WiFi:	2.4-GHz IEEE 802.11b/g compatible
WiFi Authentication:	Secure using WPA-PSK (TKIP), and WPA2-PSK (AES)
Monitor Dimensions:	6" x 4 5/8" x 1 1/2"

RoHS COMPLIANT

** Requires subscription to AirFilterSentry Notification Service, Internet connection, and wireless router.
Specifications are subject to change without notice.

Model Number	Description	
FS-245-B	FILTERSCAN, WiFi Battery or Adapter Operated	
FS-245-C	FILTERSCAN, 15 to 24V AC/DC Operated	
CA-360	Adapter, 6.0 VDC	
CA-4DP	Kit, Tubing, Differential Mounting	

Contains FCC ID Number: T9J-RN171
Contains IC Certification/Registration Number IC: 6514A-RN171
Contient IC Certification / d'enregistrement les IC: 6514A-RN171

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