CigaretteBuster™
Smoke Detector Shell Mount – Model 52 Series
Technical Specifications

Model	Power Source	Output Type	External Output Device	Output Range
5210	1 6V Battery	Long range wireless	RF Receiver	Receiver: up to 1000' Pager: up to 1.5 miles
5220	1 6V Battery	Local (internal) alarm	None	In room
5230	1 6V Battery	Short range wireless	Horn and/or Strobe	20' to 50'
5240	12 volt DC	Wired relay	Horn and/or Strobe	5000'
5250	12 volt DC	Local (internal) alarm and wired relay	Horn and/or Strobe	In room and 5000'

Our 52 series detectors will trigger an alert with the lighting of a flame. We have found that this mechanism is the most effective way to stop smokers from smoking for rooms that are 6x10 or larger, with multiple stalls, or with exhaust fans or open windows.

All detectors except those tied to long range systems have been configured with a 30 second delay before alerting once triggered by the match or lighter. Our research has shown that this length delay is the most effective way to stop smokers from smoking; they are impacted by the alarm but are less likely to identify the source or method of detection and attempt to locate and tamper with the detector.

Specifications

Performance:
- Coverage: 360 degree Line Of Sight (LOS); 200 sq ft
- Battery life: approximately 1 year
- Delay options: 0 or 30 seconds (standard except 5210)
- Latch time options: 3 or 30 seconds (standard; wired and local only)
- Alarm volume: 85 dB

Electrical:
- Four AA batteries
- 12 volt DC, 4.7 ma draw
- Relay contact rating 3A
- Open collector output

Physical:

	model 5210	all other models
Diameter	5.5" (14 cm)	6.5" (16.5 cm)
Height	1.75" (4.5 cm)	3" (7.5 cm)
Weight	10 oz (0.3 kg)	10 oz (0.3 kg)
Installation	2 screws/velcro	2 screws/velcro

US Patent 6,545,608

Questions, comments, or concerns:
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