



**The F220P Series
Photoelectric Smoke Detectors Include:**

Part #	Description
F220-P	Photoelectric Smoke Detector
F220-PTH	Photoelectric Smoke Detector w/Heat
F220-PTHC	Photoelectric Smoke Detector w/CO & Fixed +135°F Heat



**The F220 Series
Heat Detectors Include:**

Part #	Description
F220-135	Electronic +135°F Fixed Rate-of-rise
F220-135F	Electronic +135°F Fixed
F220-190F	Electronic +190°F Fixed



Compatible Bases:

All F220 Series detectors are compatible with the F220 B6 Series of bases.

Part #	Description
F220-B6	6" 2-wire Mounting Base
F220-B6R	6" 4-wire Mounting Base
F220-B6C	6" 4-wire Form C Aux. Relay Mounting Base
F220-B6E	Power Supervision Mounting Base

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CleanMe® is a trademark of GE Interlogix.

F220 Series Smoke & Heat Detectors



Don't gamble on just any smoke detector – win with the F220 Series from Bosch! We offer the winning combination of features and functions that's right for virtually any application.

BOSCH

BOSCH

Bold Innovation

Advancing the science

The F220 Series include these advanced features:

- Superior smoke detection over older technology
- Dramatically reduced unwanted alarms
- Longer service life
- Decreased maintenance costs



The F220 Series take smoke detection, alarms, testing and maintenance to the next level. For commercial or residential buildings, you can minimize unwanted alarms and respond to real events quickly with fast, accurate notification.

F220PTHC – The ultimate tool for minimizing unwanted alarms

The flagship of the F220 Series, the F220-PTHC, offers multi-criteria detection including carbon monoxide (CO) detection. The sensitivity automatically adjusts depending on the elements detected. When CO is present, the sensitivity increases for the quick response. Alternatively, if CO is not present then there is no fire and no alarm is triggered. By using CO information in making an alarm decision, unwanted alarms are virtually eliminated and detection of real fires is quicker and more accurate.

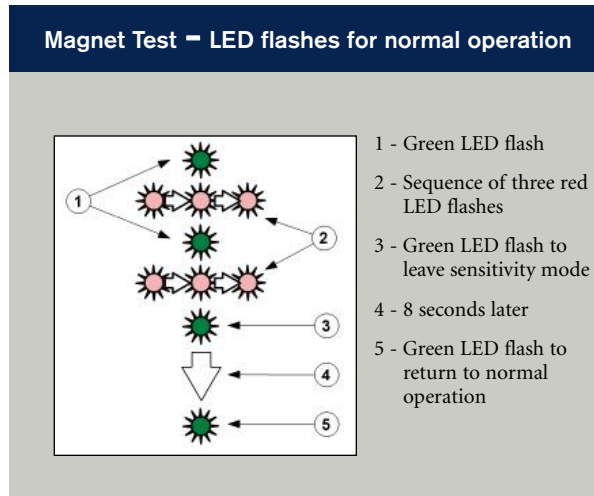
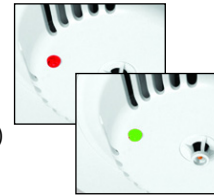


The F220-PTHC's internal electronics continually monitor the CO element. Rated for five years of trouble-free operation from power up, the unit's electronics will detect the end of life for the CO element. At that time the detector signals a trouble condition and automatically continues operating as a standard photoelectric detector with heat sensor until it is replaced. You can always feel confident with the F220-PTHC!



ChamberMaid™ technology – patented, time-saving cleaning method; simply dispense compressed air through the self-sealing valve in the detector head.

- Dual Color LED – easily determine detector status (trouble, alarm, cleaning required and normal operation) through the dual color LED.



Warning: The F220-PTHC is not a substitute for a CO sensor. A carbon monoxide detector used for fire condition verification and alarm should never be used as a replacement for a conventional CO sensor.

Time- and maintenance-saving features

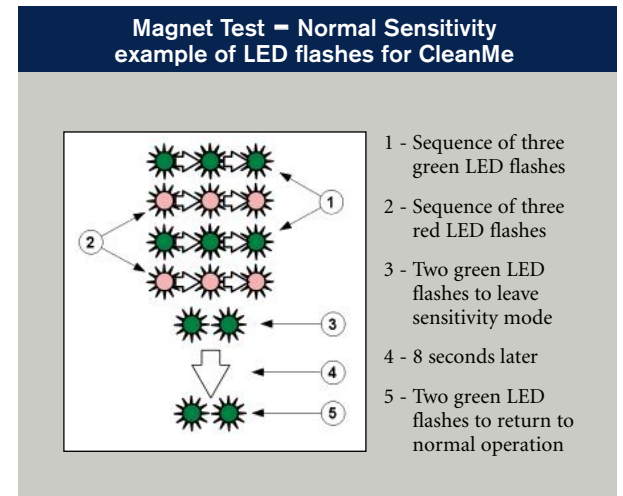
- Chamber drift compensation – allows the chamber to maintain proper calibration up to 10 times longer than standard detectors.



- Chamber Check® Self Diagnostics – indicates through the LED when the chamber can no longer adjust compensation and detector emits a CleanMe® signal.



- Sensitivity/functional testing – easily activate detector test features using only a magnet and precisely determine the operation and compensation status of the chamber, as well as the sensitivity level.



For more information call **800.289.0096** and ask for your local representative or visit our web site at **www.boschsecurity.us**