

MFS-C-DETECTOR

FIRE ALARM CONTROL PANEL



PRODUCT OVERVIEW :-

A Conventional smoke detector is a device that senses smoke, typically as an indicator of fire. Commercial smoke detectors issue a signal to a fire alarm control panel as part of a fire alarm systems. smoke detectors are usually in plastic enclosures, typically shaped like a disk about 150 milli meters (6 in) in diameter and 25 millimeters (1 in) thick, but shape and size vary. Sensitive alarms can be used to detect and detect smoking in banned areas.

FEATURE:-

- It covers an area of 7 feet radius.
- Using advance microprocessor technology with large memory capacity .
- Analogue sending and digital addressing.
- Provide real time algorithm to the control panel.
- On site adjustable parameter.
- 360 – degree visual indicator.
- Removable chamber against dust and small insect



DETECTOR INSTALLATION:-

- 1 . Place the detector into the base and rotate detector clockwise with general pressure until the detector drops into place.
- 2.Continue rotating the detector clockwise to lock in place.
3. After all detectors have been installed ,apply power to the detector monitoring circuits.
4. test the detector as described under TESTING.
- 5.Reset the detector at the system control panel.

TESTING :-

Detector must be tested after installation and following periodic maintenance. However , before testing notify the proper authorities that the systems is undergoing maintenance to prevent unwanted alarms.

Test the detector as follows :

Smoke Method

1. Using generated smoke , or synthetic smoke aerosol from an approved manufacturer such as NO climb product Ltd, subjects the detector to controlled amounts of smoke in accordance with local codes of practice and manufacturer recommendations.
2. The red LED on the detector should latch into alarm within 40 sec and the control panel should activate into alarm.

TECHNICAL SPECIFICATIONS:-

Input Voltage	0-30 V DC
Air Velocity	5 - 95 %RH
Input Current Consumption	0.6 mA
Height	47 mm
Diameter	102 mm
Weight	105 grm (Excluding base)
Operating Temperature Range	60°c to 70°c
Indication	Double Led / 360° visual

WIRING DAIGRAM:-

