

Features

- Provides physical protection to ULC listed smoke detectors
- Mounts over existing smoke detectors
- White finish
- Independently mounted
- Heavy gauge steel enclosure
- Easy to install
- Tamper proof screws
- Designed for use in schools, warehouses and minimum security institutions

Description

Mircom's SDG-100 Smoke Detector Guard is designed to provide physical protection to Mircom ULC listed smoke detectors. The SDG-100 is intended to provide protection to detectors that are used in areas where they may be damaged.

The guard is constructed of a heavy gauge steel enclosure with perforated holes allowing smoke entry to the detector. It is made up of a square ceiling mounted frame with the enclosure fitting over the frame. The frame is held by eight tamper resistant screws. The guard does not physically contact the detector itself and is independently mounted.

Since the smoke detector sensitivity is reduced by the presence of these devices, its use is restricted to areas where air velocity is greater than 0.15 m per second in order to assure smoke entry into the detector.

The SDG-100 Smoke Detector Guard's sturdy design makes it suitable for applications such as schools, warehouses and minimum security institutions.

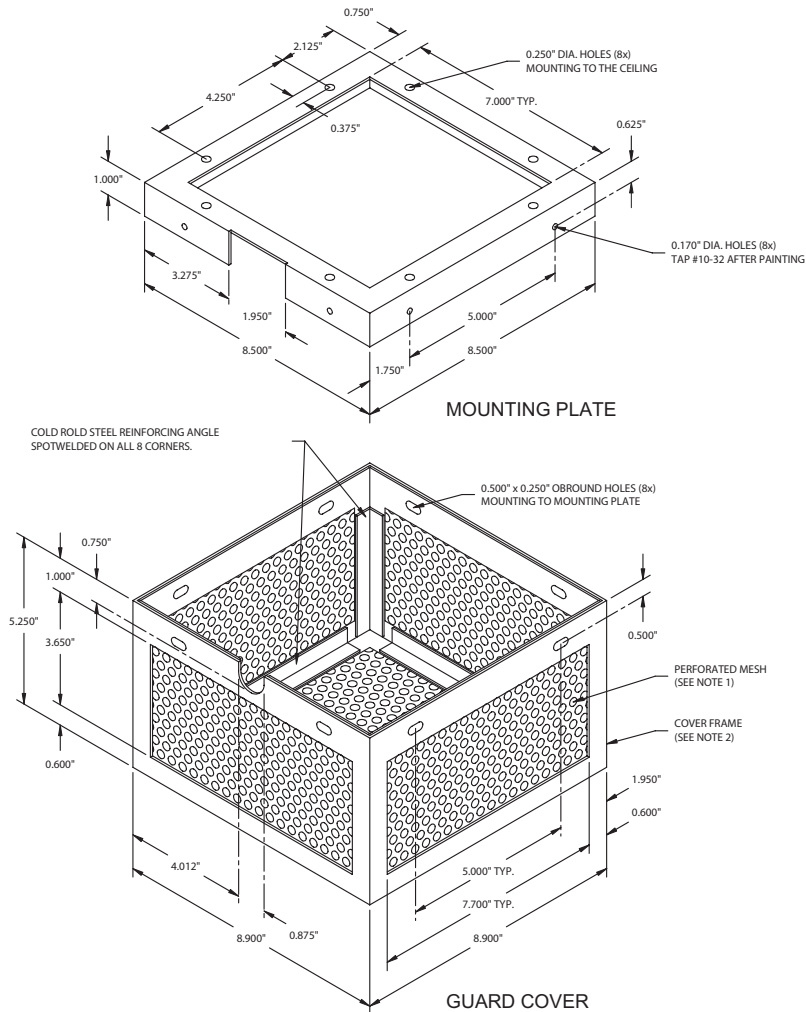
Compatible Smoke Detector Models

MIR-525	Photoelectric Smoke Detector
MIR-2400A	Photoelectric Smoke Detector
MIR-1400A	Ionization Smoke Detector
MIX-1251A	Low Profile Intelligent Analog Ionization Smoke Detector
MIX-2251A	Low Profile Intelligent Analog Photoelectric Smoke Detector
MIX-1551A	Intelligent Analog Ionization Smoke Detector
MIX-2551A	Intelligent Photoelectric Smoke Detector



CS983

Dimensions



NOTES

1. THE PERFORATED MESH IS MADE OF 16 GAUGE COLD ROLLED STEEL WITH 0.250" DIA. HOLES. DISTANCE BETWEEN HOLES ARE 0.312" FROM COLUMN TO COLUMN AND 0.275" FROM ROW TO ROW. THE PERFORATED MESH IS WELDED INSIDE (5 SIDES) OF THE COVER FRAME.
2. THE COVER FRAME AND MOUNTING PLATE IS CONSTRUCTED FROM 14 GAUGE COLD ROLLED STEEL.
3. ALL CORNERS AND EDGES TO BE ROUNDED.
4. THE GUARD COVER AND MOUNTING PLATE IS PAINTED SMOOTH WHITE.
5. EIGHT #10-32 x 1/2" TAMPER-RESISTANT SCREW IS PROVIDED WITH EACH GUARD COVER FOR MOUNTING TO THE CEILING MOUNTING PLATE.
6. THE USE OF THIS GUARD WITH LOW PROFILE SMOKE DETECTORS REQUIRES THE INSTALLATION OF A 1-1/2" DEEP BOX EXTENSION RING ONTO THE FLUSH MOUNTED 4" ELECTRICAL BOX AT THE DETECTOR LOCATION. THE SMOKE DETECTOR MOUNTING BRACKET SHOULD THEN BE INSTALLED ONTO THE EXTENSION RING.
7. THE GUARD WILL BE USED WITH THE FOLLOWING SMOKE DETECTORS WHEN CONNECTED ONLY WITH MIRCOM LISTED FIRE CONTROL PANELS:

MIR-525(T)	MIX-1251A
MIR1400-A	MIX-2251A
MIR2400-A	MIX-1151A
MIX-1551A	MIX-1151A
MIX-2551A	MIX-2151A

NOT TO BE USED FOR INSTALLATION PURPOSES.



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