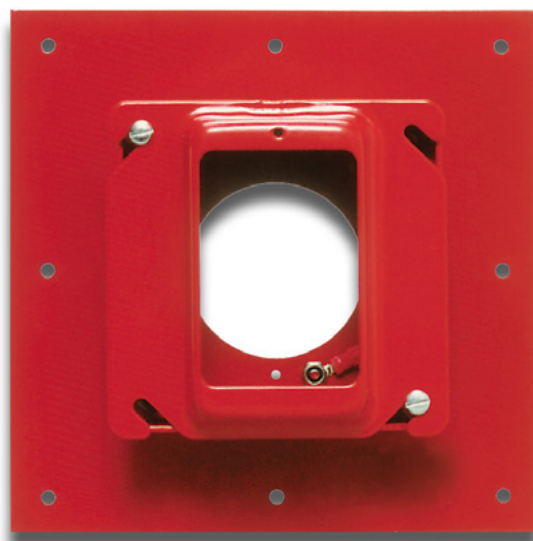# Detector Mounting Plate
SIGA-DMP

MEA

Overview

The SIGA-DMP Detector Mounting Plate is part of the Signature Series family. It is a 7 inch (178mm) square mounting plate designed to provide convenient mounting of Signature Series intelligent smoke detectors in raised floor or plenum applications.

The detector mounting plate may also be installed in low velocity ducts that have a maximum width of up to 36 inches (915mm) and a maximum height of up to 36 inches (915mm). It includes a 4 inch square junction box for wiring connections.

The SIGA-DMP is compatible with the following Signature Series smoke detectors and detector mounting bases:

• SIGA-PSi Intelligent Photoelectric Smoke Detector

• SIGA-PHSI Intelligent 3D Multisensor Smoke Detector

• SIGA-IPHSI Intelligent 4D Multisensor Smoke Detector

• SIGA-SB Standard Base; SIGA-RB Relay Base

• SIGA-IB Isolator Base.

Mounting hardware is included along with a drilling template and rubber gasket which forms air tight seal between the mounting plate and the mounting surface. The complete assembly is finished in red epoxy powder coat for maximum durability and easy identification.

Standard Features

• **Compatible with Signature Series detectors**
  Use in raised floor and plenum applications or low velocity HVAC ducts

• **Standard, relay, fault isolator mounting bases**

• **Designed to ISO9001 standards**
  Manufactured to strict international quality standards for highest reliability.

Application

The SIGA-DMP may be installed in any of three possible configurations.

Installation Option #1: In applications in which the SIGA-DMP is mounted in a clearly visible location, a remote LED (model SIGA-LED-AU) may be mounted directly to the SIGA-DMP to indicate Alarm conditions of the smoke detector.

Installation Option #2: In applications in which an intelligent control relay module (model SIGA-CR) is mounted directly to the SIGA-DMP, a remote LED (model SIGA-LED-AU) must be mounted at a remote location to provide indication of Alarm conditions of the smoke detector.

Installation Option #3: In applications in which the SIGA-DMP is not located in a clearly visible location, a remote LED (model SIGA-LED-AU) must be mounted at a remote location to provide indication of Alarm conditions to the smoke detector.

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Specifications

Agency Listings	UL, ULC, MEA, CSFM
Compatible Detectors	SIGA-PSI Intelligent Photoelectric Detector SIGA-PHSI Intelligent 3D Multisensor Detector SIGA-IPHSI Intelligent 4D Multisensor Detector NOTE: For proper operation, only the specified detectors should be used with the SIGA-DMP
User Selected Alarm Sensitivity Settings	Most Sensitive: 3.3% More Sensitive: 6.6% Less Sensitive: 9.8% Least Sensitive: 11.5% Normal: 8.2%
Compatible Bases	SIGA-SB Standard Base; SIGA-RB Relay Base; SIGA-IB Isolator Base
Compatible Remote Annunciator	SIGA-LED-AU Remote LED Indicator (Use ONLY with SIGA-SB Standard Base)
Maximum Duct Size	36 inches (915mm) x 36 inches (915mm) with up to 3/4 inch (19mm) Wall Thickness
Air Velocity Range	For SIGA-PSI, 0 - 4,000 ft/min (0 - 25.39 m/s) For SIGA-PHSI, 0 - 4,000 ft/min (0 - 25.39 m/s) For SIGA-IPHSI, 0 - 500 ft/min (0 - 2.54 m/s)
Operating Temperature Range	32º - 120ºF (0º - 49ºC) for SIGA-PSI 32º - 100ºF (0º - 38ºC) for SIGA-IPHS, SIGA-IPHSI, SIGA-PHSI
Operating Humidity Range	0 - 93% RH

Ordering Information

Catalogue Number	Description	Ship wt.
SIGA-DMP	Detector Mounting Plate	3.0 (1.4)
SIGA-PSI	Intelligent Photoelectric Detector	0.5 (.23)
SIGA-PHSI	Intelligent 3D Multisensor Detector	0.5 (.23)
SIGA-IPHSI	Intelligent 4D Multisensor Detector	0.5 (.23)
Accessories		
SIGA-SB	Detector Mounting Base	0.2 (.09)
SIGA-RB	Detector Mounting Base w/Relay	0.2 (.09)
SIGA-IB	Detector Mounting Base w/Fault Isolator	0.2 (.09)
SIGA-LED-AU	Remote Alarm LED with indication labels	0.2 (.09)

DATA SHEET E85001-0255-AU
Not to be used for installation purposes. Issue 1.0