Detector Mounting Plate

SIGA-DMP

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-PD Intelligent Photoelectric Smoke Detector
- SIGA-PHD Intelligent Photoelectric and Heat Detector
- SIGA2-PS Intelligent Photoelectric Smoke Detector
- SIGA-PS Intelligent Photoelectric Smoke Detector
- SIGA2-PHS Intelligent 3D Multisensor Smoke Detector
- SIGA-PHS Intelligent 3D Multisensor Smoke Detector
- SIGA-IPHS 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) 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) 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) must be mounted at a remote location to provide indication of Alarm conditions to the smoke detector.

Specifications 1

Agency Listings	UL, ULC, MEA, CSFM 2
Compatible Detectors	SIGA-PD Intelligent Photoelectric Smoke Detector SIGA-PHD Intelligent Photoelectric and Heat Detector SIGA2-PS Intelligent Photoelectric Detector SIGA-PS Intelligent Photoelectric Detector SIGA2-PHS Intelligent 3D Multisensor Detector SIGA-PHS Intelligent 3D Multisensor Detector SIGA-IPHS 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: 1.0% More Sensitive: 2.0% Less Sensitive: 3.0% Least Sensitive: 3.5% Normal: 2.5%
Compatible Bases	SIGA-SB Standard Base; SIGA-RB Relay Base; SIGA-IB Isolator Base
Compatible Remote Annunciator	SIGA-LED 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 SIGA2-PS, SIGA-PS, 0 - 4,000 ft/min (0 - 25.39 m/s) For SIGA2-PHS, SIGA-PHS, 0 - 4,000 ft/min (0 - 25.39 m/s) For SIGA-IPHS, 0 - 500 ft/min (0 - 2.54 m/s)
Operating Temperature Range	32º - 120ºF (0º - 49ºC) for SIGA2-PS, SIGA-PS 32º - 100ºF (0º - 38ºC) for SIGA-IPHS, SIGA2-PHS, SIGA-PHS
Operating Humidity Range	0 - 93% RH

Ordering Information 3

Catalog Number	Description	Ship Wt. lbs (kg)
SIGA-DMP	Detector Mounting Plate	3.0 (1.4) 4
SIGA2-PS	Intelligent Photoelectric Detector	
SIGA-PS	Intelligent Photoelectric Detector	
SIGA2-PHS	Intelligent 3D Multisensor Detector	0.5 (.23)
SIGA-PHS	Intelligent 3D Multisensor Detector	
SIGA-IPHS	Intelligent 4D Multisensor Detector	
Accessories		
SIGA-SB	Detector Mounting Base	
SIGA-RB	Detector Mounting Base w/Relay	
SIGA-IB	Detector Mounting Base w/Fault Isolator	0.2 (.09)
SIGA-LED	Remote Alarm LED	