

Smoke Detector Guard

SIGA-DG



SIGA-DG
(Shown with optional mounting flange)

Overview

The SIGA-DG Smoke Detector Guard protects Signature Series smoke detectors from damage and tampering without affecting airflow to the detector head. The sophisticated louver configuration on the detector guard allows Signature smoke detectors to be installed at their listed spacing and has no effect on the detector's selected operating sensitivity. The guard is constructed of rugged 16-gauge steel and is finished with durable white baked powder coat enamel.

Standard Features

- **Agency listed with Signature Series smoke detectors**
Tested and listed by Underwriters' Laboratories Inc.
- **Compatible with Signature Series 4D and PS smoke detectors**
Advanced design does not affect detector sensitivity; does not reduce the listed detector spacing.
- **Rugged, tamper-proof design**
16-gauge steel louvered construction provides superior physical protection. Special fasteners guard against unauthorized access to the detector.
- **Easy mounting**
Simple design ensures very fast, very secure installation, yet allows easy removal for detector cleaning and inspection.
- **Flush or surface mount**
SIGA-DGSB Surface Mount Accessory allows installation over surface mounted conduit and electric boxes.

Application

Detector guards should be used wherever flying objects may accidentally damage the detector, or wherever they may be intentionally damaged or used to conceal contraband. Typical applications include correctional or detention facilities, mental hospitals, industrial or warehousing spaces, sports facilities and gymnasiums.

NFPA 72 Section 5-1.3.1 states *"Where subject to mechanical damage, an initiating device shall be protected. A mechanical guard used to protect a smoke or heat detector shall be listed for use with the detector being used"*.

The SIGA-DG Detector Guard is designed for use only with SIGA-IPHS 4D and SIGA-PS smoke detectors. The SIGA-DG fully complies with NFPA 72 when used with these detectors.



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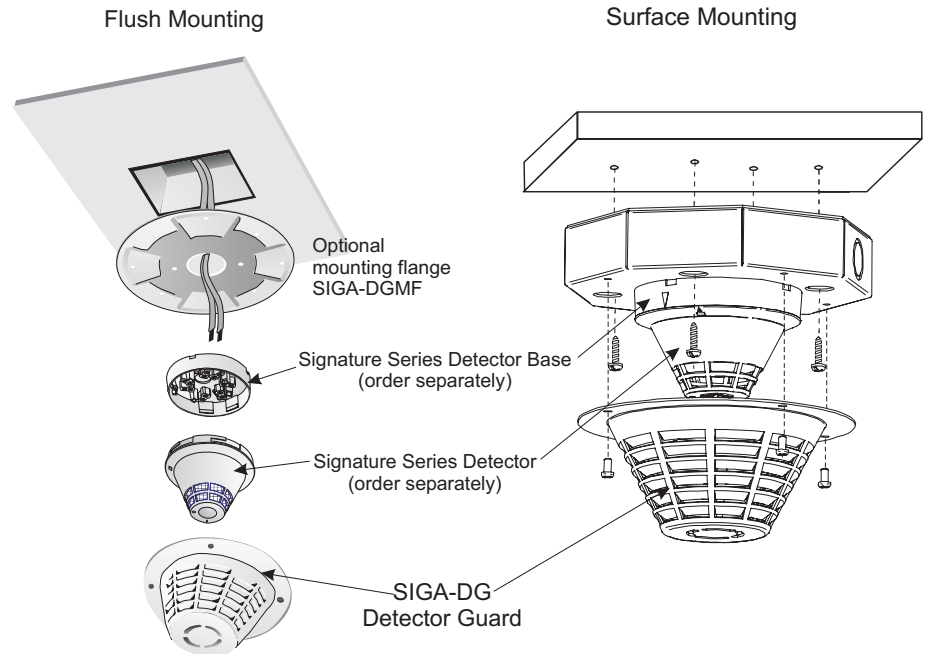
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Edwards recommends that fire alarm systems and devices always be installed in accordance with the latest recognized edition of national and local fire alarm codes.

Installation and Mounting

The SIGA-DG may be mounted one of three ways:

1. Directly to the ceiling, enclosing a detector installed to a flush-mounted electrical box.
2. To the SIGA-DGSB Surface Mount Adapter, which encloses a surface-mount electrical box.
3. To the optional mounting flange. This accessory is useful where the detector guard is removed periodically for inspection.



Specifications

	SIGA-DG Detector Guard	SIGA-DGSB Detector Guard Surface Adapter
Construction	16 gauge steel	
Dimensions	6.5 inch (165mm) diameter x 3.25 inch (83mm) high	8.9 inch (225mm) octagonal x 2.25 inch (57mm) high
Finish	White; baked powder coat enamel	
Mounting	Mounts over flush 1-gang, octagon, and four-inch square North American electric boxes	Encloses surface mounted octagon or one-gang electric box
Compatible Detectors	Agency listed with the following Signature Series detectors at a maximum air velocity of 500 ft./min. Does not affect detector operating sensitivity, listed area of coverage, or spacing requirements: SIGA-IPHS 4D Multisensor; SIGA-PS Photoelectric	
Agency Listings	UL, ULC	-

Ordering Information

Catalog Number	Description	Ship Wt., lb. (kg)
SIGA-DG	Smoke Detector Guard	0.8 (0.36)
SIGA-DGSB	Detector Guard Surface Mount Accessory	2 (0.9)
SIGA-DGMF	Mounting Flange (optional)	2. (0.9)