

FSV-951(A) Very Intelligent Early Warning (VIEW®)

General

The NOTIFIER FSV-951 VIEW is a high-sensitivity photoelectric smoke detector designed for Very Early Warning Fire Detection and will protect valuable assets and operations where systems must remain functioning at all times.

FSV-951 VIEW detector features a smoke-sensing chamber and patented optic block designed to amplify signals from smoke, but diminish stray internal reflections that can cause false alarms. New LED technology allows this detector to achieve sensitivity levels from 0.02 percent-per-foot to 3.88 percent-per-foot obscuration – up to 25 times greater than a standard photoelectric detector. The extensive software processing includes multi-alert drift compensation, internal self-diagnostics, and superior transient signal rejection algorithms to produce unprecedented stability at ultra-high sensitivities across the full temperature range. This system provides point identification of the fire location through addressability and offers complete supervision of both the wiring and detector.

The FSV-951 VIEW detector is UL 268 Certified; the FSV-951A Canadian model complies with CAN/ULC S529:

- UL 268 and CAN/ULC S529 listed for Open Air Protection (3.25%/ft. to 3.88%/ft. obscuration)
- UL 268 and CAN/ULC S529 listed for Special Applications (0.02%/ft. to 3.24%/ft. obscuration)

In addition, the new modern profile blends seamlessly with other 900 series detectors, which offer expanded color options to meet contemporary aesthetic demands.

VIEW is the ideal detection solution for sensitive environments that cannot tolerate even small amounts of smoke:

- Telecommunications switching facilities
- Cellular telephone infrastructure
- Integrated circuit fabrication facilities
- Computer rooms
- Traffic control centers
- Data Centers

Features

- Superior EMI protection
- Very Early Warning Fire Detection capability
- Analog communications
- Low standby current
- Rotary address switches
- 360° visibility of device status with dual LEDs
- On-board drift compensation
- Transient rejection algorithms
- Microprocessor design
- FlashScan® protocol communications
- New modern profile with expanded color options



FSV-951(A) in B300-6 Base

Specifications

PHYSICAL/OPERATING SPECIFICATIONS

- Dimensions:
Height: 2.0 inches (51 mm) installed in B300-6 series base
Diameter: 6.2 inches (156 mm) installed in B300-6 series base; 4.1 inches (104 mm) installed in B501 series base
- Weight: 3.4 oz (95 g)
- Operating Temperature Range: 14°F to 140°F (-10°C to 60°C)
- Operating Humidity Range: 10% to 93% relative humidity, non-condensing
- Air Velocity: For Special Applications: 0 to 4,000 ft./min. (0 to 1219.2 m/min.) For Open Air Protection: 0 to 3,000 ft./min. (0 to 91.44 m/min.)
- Isolator Load Rating: 0.0063*
- Self Diagnostics: Initiated by control panel; activated by test magnet
- Smoke Sensitivity:
9 levels: 0.02, 0.03, 0.05, 0.10, 0.20, 0.50, 1.00, 1.50, 3.25%/ft. obscuration (0.06, 0.10, 0.16, 0.33, 0.66, 1.65, 3.24, 4.85, 10.66%/m obscuration)
- Drift Compensation:
High sensitivity maintenance alert signal
Low sensitivity maintenance alert signal
Maintenance urgent signal

ELECTRICAL SPECIFICATIONS

- Operating Voltage Range: 15 to 32 VDC
- Operating Current @ 24 VDC: 300 µA (one communication every 5 seconds with green LED blink on communication)
- Maximum Current: 4.5 mA @ 24 VDC (one communication every 5 seconds with amber LED solid on)
- Maximum Alarm Current: 2 mA @ 24 VDC (one communication every 5 seconds with red LED solid on)

The following Fire Alarm Control Panel and VeriFire® Tools minimum firmware versions are required:

- Fire Alarm Control Panels:
 - ONYX 320 and 640: V32.0.0
 - ONYX 3030: V33.0.9
 - N16/NCD: V11
- VeriFire Tools:
 - ONYX Series: V12.91
 - N16/NCD: V12.90

STANDARDS

FSV-951 high-sensitivity photoelectric smoke detectors are designed to comply with the following standards:

- UL Standard: UL268
- ULC Standard: CAN/ULC S529

AGENCY LISTINGS AND APPROVALS

These listings and approvals apply to the modules specified in this document. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult the factory for the latest listing status.

- UL/ULC Listed: S1115
- FM Approved: 450568
- CSFM: 7272-0028:0506

Ordering Information

Part Number			Description
White	Ivory	Black	
FSV-951			High sensitivity photoelectric smoke detector, UL
FSV-951A			High sensitivity photoelectric smoke detector, ULC
Bases			
B501-WHITE	B501-IV	B501-BL	4" Mounting base, UL/ULC
B501-WHITE-BP			4" Mounting base, bulk pack
B300-6	B300-6-IV		6" Flanged mounting base, UL
B300-6-BP			6" Flanged mounting base, bulk pack
B300A-6	B300A-6-IV		6" Flanged mounting base, ULC
B200S-WH	B200S-IV		Intelligent addressable sounder base, UL
B200SA-WH	B200SA-IV		Intelligent addressable sounder base, ULC
B200S-LF-WH	B200S-LF-IV		Intelligent addressable sounder base, low-frequency, UL
B200SR-WH	B200SR-IV		Intelligent sounder base, UL
B200SRA-WH	B200SRA-IV		Intelligent sounder base, ULC

B200SR-LF-WH	B200SR-LF-IV		Intelligent sounder base, low frequency, UL
B224RB-WH	B224RB-IV		Relay base, UL
B224RBA-WH	B224RBA-IV		Relay base, ULC
B224BI-WH	B224BI-IV		Isolator base, UL
B224BIA-WH	B224BIA-IV		Isolator base, ULC
Accessories			
	SMB600		Surface Mounting Kit (flanged)
TR300	TR300-IV		Trim ring
CK300	CK300-IV	CK300-BL	Color Kit (includes cover and trim ring)
	RA100Z		Remote LED annunciator, UL
	RA100ZA		Remote LED annunciator, ULC
M02-04-01			Detector test magnet
M02-09-00			Telescoping test magnet

ACCESSORIES



RA100Z(A)
Remote LED Annunciator



CK300-BL
Color Kit



TR300
Trim Ring



This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

NOTIFIER

12 Clintonville Road
Northford, CT 06472
203.484.7161
www.notifier.com

FlashScan® and NOTIFIER® are registered trademarks of Honeywell International Inc. ©2026 by Honeywell International Inc. All rights reserved. Unauthorized use of this document is strictly prohibited.

Country of Origin: Mexico

