

IoPhic® Smoke & Fire Alarm

120 Volt AC with Battery Backup

Model MDS107



* UL217 Smoldering Smoke Test on 5/26/2010, Underwriters Laboratories Project #09CA38078

NEW IoPhic® Universal Sensing Technology® alarms with microprocessor intelligence are designed to virtually eliminate nuisance alarms caused by non-hazardous sources such as every day cooking smoke or steamy showers. Nuisance alarms are the leading reason for intentionally disabled smoke alarms.

Features

Advanced smoke recognition

Auto sensitivity calibration

Self-diagnostic feature

Ambient condition compensation

Quick Find® alarm origination feature

Quick activation pull tab

Universal mounting bracket

Larger mounting base

End-of-service life warning

Front-load battery drawer

Single silence/test button

2 tamper resistant locking features

9 volt super-heavy duty battery

Benefits

Provides 87% faster response to smoldering fires than conventional smoke alarms

Eliminates inconsistencies which lead to nuisance alarms

Performs a status check upon power up to ensure alarm is functioning properly

Automatically adjusts sensitivity for variations temperature and humidity conditions

Easily identifies first alarm to sound in interconnected system

Preserve battery life. Preinstalled battery is quickly activated without removing alarm from bracket

Fits any standard wiring junction box, single gang, round or octagon, up to 4"

Covers drywall imperfections and old paint marks

Warning sounds when it is time to replace the alarm after approx. 10 years from date of activation

Replace battery without removing alarm from bracket

Temporarily quiets nonemergency alarms and tests alarm functionality

Prevents unauthorized removal of alarm or battery

Provides protection in the event of power outage

Technical Specifications

Sensor Type:	IoPhic® Universal Sensing Technology®
Primary Power:	120 volt AC, 560 Hz
Battery Back-Up:	9 volt super heavy-duty battery
Audible Alarm:	85 dB at 10 feet
Temperature Range:	40° F to 100° F (4° C to 38° C)
Humidity Range:	5% to 95% RH
Interconnect:	Maximum 24 USI/Universal devices
LED:	Green=AC power, Red=alarm
Size:	5.63" x 5.63" x 1.75"
Warranty:	10 year limited

Regulatory Compliance:

Underwriters Laboratories (UL-US)
Underwriters Laboratories Canada (ULC)
California State Fire Marshal (CSFM) pending
National Fire Protection Association (NFPA)
Housing and Urban Development (HUD)
Federal Housing Authority (FHA)
UTGT / UTHA



MODEL	BRAND	Box		SHELF PACK (in.)	WEIGHT	UPC CODE	QTY	MASTER CTN (in.)	WEIGHT	I2 of 5
		Clam	QTY	L x H x W	(Lbs.)				(Lbs.)	
MDS107	USI	BX	1	5.63 x 6.63 x 1.75	0.80	0-42741-00107-6	4	7.25 x 6.75 x 8.50	3.20	1-00-42741-00107-3

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4.30.10