

IoPhic[®] Smoke & Fire Alarm

9 Volt Battery Operated

Model MDS300



* 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 consumers intentionally disable 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

Long life alkaline 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 in temperature and humidity conditions

Easily identifies first alarm to sound

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 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 alarm or battery removal

Provides protection even in the event of a power outage

Technical Specifications:

Sensor Type:	IoPhic [®] Universal Sensing Technology [®]
Primary Power:	9 volt Energizer Alkaline 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
LED:	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)



MODEL	BRAND	Box Clam	QTY	SHELF PACK (in.) L x H x W	WEIGHT (Lbs.)	UPC CODE	QTY	MASTER CTN (in.) L x H x W	WEIGHT (Lbs.)	I2 of 5
MDS300	UNIV.	CL	1	7.00 x 10.50 x 2.00	0.84	0-42741-00300-1	6	14.50 x 12.00 x 8.25	5.04	1-00-42741-00300-8

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