

# PHOTOELECTRIC SMOKE DETECTOR D-223

Model D-223



## DESCRIPTION

DEMCO Single Station Photoelectric Smoke Detector **D-223** is a battery operated, 9V single station smoke alarm specifically designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories and other multi-family dwellings. It is designed to give early warning of developing fires by giving off an audible alarm from its built-in alarm horn. This provides precious time for escape before a fire spreads.

The **D-223** features a solid-state surface-mount circuitry and are designed for low power consumption, precision and stability.

## DEMCO ADVANTAGES

- Easy to install - install directly to proper location without any wiring.
- Easy to maintain - minimum one year battery life under normal operation.
- Easy to test - the LED alarm indicator doubles as a test button - just press it for 2 seconds and hear the alarm sound to confirm that it is working in normal condition.
- Low battery warning - unit "beeps" every one minute for at least 7 days to indicate battery needs replacing.

## DEMCO D-233 SERIES

The **D-223** series of photoelectric smoke detectors are designed in accordance with UL217 and EN14604, and are manufactured under the best quality control. This series also incorporates the reliability of UL-certified infrared components.



**D223H Photoelectric smoke detector with integrated heat detector**

Other models in the D-223 series include detectors with additional features and functions.

PART NO.	DESCRIPTION
D223	Photoelectric smoke detector (Tested by EN 14604,2005 Version)
D223-I	Smoke detector, interconnection function (Tested by EN14604, 2005 Version)
D223-A-I	Photoelectric smoke detector, Interconnection Function, AC 110/230V
D223-A-B-I	Photoelectric smoke detector, Interconnection Function, AC 110/230V with battery backup
D223H	Smoke and heat detector
D223H-I	Smoke and heat detector, interconnection function
D223H-A-B-I	Photoelectric smoke and heat detector, Interconnection Function, AC 110/230V with battery backup

## SPECIFICATIONS

Smoke Sensitivity	0.08-0.14dB/m
Battery Availability	18 months(Carbon Zinc); 3 years(Alkaline); 10 years(Lithium)
Standby Current	8pA
Alarm Current	15mA
Temperature Range	0°C to 50°C
Humidity	0 to 95% RH,no condensation or icing
Alarm Sound Level	85 db/3m
Dimensions	102mm (dia) x 35mm (ht) with base
Weight	130g with base (9V battery included)

Features & Specs are subject to change.



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