

Mircom MDH-SL2000 Series 4-Wire Low-Flow Duct Detectors



MDH-SL2000I Ionization Duct Detector with Low-Flow Technology



MDH-SL2000P Photoelectric Duct Detector with Low-Flow Technology

Description

Mircom's MDH-SL2000 Series Duct Smoke Detectors are available in 4-wire ionization and photoelectric models. The MDH-SL2000 Series Duct Smoke Detectors are the latest innovation for early detection of smoke and products of combustion present in air moving through HVAC ducts in Commercial, Industrial and Residential applications.

The MDH-SL2000 Series Duct Smoke Detectors are designed to prevent the re-circulation of smoke by the air handling systems, fans, and blowers. Complete systems may be shut down in the event of smoke detection.

Mircom's MDH-SL2000 Series feature Low-Flow technology which enables duct smoke detection through a broad range of airflow environments.

The MDH-SL2000 Series are designed and built to meet all local requirements, as well as the NFPA and ICC standards regarding HVAC supply and return duct smoke detectors. Output terminals are provided for a wide range of remote accessories such as horns, strobes, remote status indicators and test/reset key switches or push buttons.

Features

- 4-wire Ionization and Photoelectric models with Low-Flow technology
- Both Ionization and Photoelectric models are listed for velocities between 100-4000 ft./min
- Operating voltages of 230VAC, 115VAC, 24VAC, 24VDC
- Both models listed for high temperature applications
- Interconnect up to 30 units for common functions
- Patented "No-Tools Required" front or rear loading and removing sampling/exhaust tubes
- Patented "Test Port" Valve allows for aerosol smoke testing without cover removal
- Clear cover fitted with four captive "No-Tools Required" thumbscrews
- Instantaneous cover removal trouble indication
- Staggered terminal blocks for easier wiring
- Flashing LED on detector head indicates normal operation
- Magnet test capability (magnet included)
- More wiring space than competitive models
- Footprint allows retro-fit in many applications without additional drilling
- Duct wall gaskets on back of enclosure are pre-installed
- Reset switch is also an alarm test switch - competitive models require a magnet or cover removal to test at unit
- Unit includes green pilot and red alarm visual indicators
- External mounting tabs do not require cover removal to install
- Colored cover gasket indicates proper seal
- Compact, lightweight size means easy handling and lower shipping costs
- Two sets of 10A form "C" alarm contacts
- One set of 2A form "A" alarm contacts
- One set of 10A form "C" trouble contacts
- Large terminal connection screws
- Standard interchangeable "plug-in" UL268 photoelectric or ionization heads
- Advanced detector head design yields internal dust filtering
- No additional screens or filters to clean
- Compatible with building automation and fire alarm systems



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