



ABOUT

The Camfil APC duct smoke detector is easy to install and significantly reduces the total cost of ownership versus other comparable products. Our attention to detail has yielded a host of “No-Tools Required” features, as well as a multiapplication performance level as yet unmatched in the industry.

The weathertight NEMA 4X rated corrosion resistant enclosure coupled with extended temperature listings allow installation in the widest possible range of indoor/outdoor environments. It can be installed in both horizontal or vertical configurations to match installation preferences.

A simple flip of the cover latch releases or secures the NEMA 4X enclosure which houses:

- a next-generation control board with colorcoded, trade-dedicated output terminals.
- twist-in photo or ion sensor heads, providing a choice in matching technology to application.
- a push-button timed Maintenance Mode that allows test and maintenance functions with no extra trouble reports to the system.
- a uniquely constructed chassis that prevents accumulation of condensate commonly generated by the severe temperature changes these devices are typically exposed to.

The truly innovative built-in features save time and money during install, testing and maintenance cycles.

FEATURES & BENEFITS

- 180° visibility for all visual indicators with cover in place
- Operating voltages: 230VAC, 115VAC, 24VAC, 24VDC
- Patented cover tether retains the one-piece cover at unit
- Flashing LED on detector head indicates normal operation, can be viewed with cover on
- Ionization and Photoelectric versions available
- Interconnect up to 30 units for common functions
- Works with the complete range of APC remote accessories to include all legacy duct detectors and sample tubes from APC
- Compatible with building automation and fire alarm systems

Installation - Mechanical

- Patented cover latch offers the industry's only no-tools single point cover assembly
- Patented cover tether keeps cover at unit for convenience
- Patented no-tools front or rear loading and removing sampling/exhaust tubes
- All gaskets are permanently attached and pre-installed

Installation - Electrical

- Patented no-tools terminal blocks for easier wiring with built-in test meter probe access
- Intuitively labeled terminal positions
- Dedicated and segregated terminal blocks for power input,
- FACU interface, relay control, remote accessories and detector interconnection
- No confusing “special programming” required
- Permanently attached wiring diagram on inside front cover
- Two sets of 10A form “C” alarm contacts
- One set of 10A form “C” trouble contacts
- One set of 1A form “A” alarm contacts and one set of 7A form “B” trouble contacts for FACU interface

Testing

- Patented Maintenance Mode offers 3-minute interval for test and maintenance functions with no extra trouble reports to the system (auto shut-off upon cover latch engagement)
- Patented Test Port allows for aerosol smoke testing without cover removal
- Magnet test capability (magnet included)