



# *Air products and controls*

*The contractors easy installation choice*



# Longevity and dependable functionality



*Three parts to the life of a duct smoke detector: installation, testing and maintenance. Three things APC addresses in all current generation duct smoke detectors wielding the Air Products and Controls badge. Our goal is to make these as simple and hassle-free as we can, while maintaining the life-safety features duct smokes are intended to provide.*



## SL-2000 series

**Longevity in the field and dependable functionality over many years of service make the SL-2000 Series a front-runner when choosing a duct smoke detector family.**

**This series defined the “original” convenience in duct smoke detectors with a host of time-saving features that make installation, testing and maintenance simple and expedient.**

- Single-piece clear cover with four captive no-tools thumbscrews
- Aerosol smoke test port allows smoke test with cover on
- No tools tubes for sampling/exhaust front or rear loading and removing
- Standard interchangeable twist-in UL268 photoelectric or ionization heads
- Operating Voltages: 230, 115, 24VAC; 24VDC
- Onboard wiring diagram permanently mounted inside front cover
- Green pilot and red alarm visual indicators



Duct smoke detectors	Supplier Number	Part Number
SENSOR; Ionization, 4-Wire, Universal Voltage	SL-2000-N	SEN01783
SENSOR; Photoelectric, 4-wire, Universal Voltage	SL-2000-P	SEN01784
SENSOR; NEMA 4X Weatherproof Ionization Duct Smoke Detector	RT-3000-N	SEN01785
SENSOR; NEMA 4X Weatherproof Photoelectric Duct Smoke Detector	RT-3000 P	SEN01786

Air sampling tubes	Supplier Number	Part Number
TUBE; 10" Sampling Tube for Ducts 6"-12" Wide	STN-1.0	TUB12576
TUBE; 30" Sampling Tube for Ducts 12"-3' Wide	STN-2.5	TUB12577
TUBE; 5' Sampling Tube for Ducts 3'-5' Wide	STN-5.0	TUB12578
TUBE; 10' Sampling Tube for Ducts 5'-10' Wide	STN-10.0	TUB12579v

Duct smoke detector remote accessories	Supplier Number	Part Number
PLATE; Includes Red Single-Gang Cover Plate	MSR-50RK/R	PLT04562
PLATE; Includes Red Double-Gang Cover Plate and Audible Alarm	MSR-50RK/R/A	PLT04563
PLATE; Includes Red Double-Gang Cover Plate, Strobe and Audible Alarm	MSR-50RK/R/AV	PLT04564
PLATE; Includes Red Single-Gang Cover Plate	MSR-50RM/R	PLT04565
PLATE; Includes Red Double-Gang Cover Plate and Audible Alarm	MSR-50RM/R/A	PLT04566
PLATE; Includes Red Double-Gang Cover Plate, Strobe, and Audible Alarm	MSR-50RM/R/AV	PLT04567
ALARM; Pilot, Push	MS-RA/P/R	ALM00010
ALARM; Key	MS-KA/R	ALM00011
ALARM; Pilot, Key	MS-KA/P/R	ALM00012
ALARM; Buzzer	MS-RH	ALM00013
ALARM; Pilot, Buzzer	MS-RH/P/A	ALM00014
ALARM; Pilot, Buzzer, Key (Double Gang)	MS-RH/KA/P/R	ALM00015
ALARM; Pilot, Trouble, Buzzer, Key (Double Gang)	MS-RH/KA/P/A/T	ALM00016

Test gas	Supplier Number	Part Number
TOOL; For SM-Series Smoke Detectors and all open-area style detectors	TG-1000	TOL03384
TOOL; For SL-Series Smoke Detectors; Includes nozzle for test port	TG-2000	TOL03385

Weatherproof enclosure	Supplier Number	Part Number
BOX; For SL-Series Smoke Detectors	WP-2000	BOX01798

Replacement parts	Supplier Number	Part Number
CONTROL; Replacement Ionization Detector Head for SL-2000-N and SM-501-N	55000-225APO	CNT06101
CONTROL; Replacement Photoelectric Detector Head for SL-2000-P and SM-501-P	55000-328APO	CNT06102
TUBE; For SM-Series Smoke Detectors and all open-area style detectors	TG-1000	TOL03384

## True innovations from current generation duct smoke detectors



*The SL-2000 Series Smoke Duct Detector is 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.*

### FEATURES:

- Low-flow technology: both ionization and photoelectric models listed for velocities between 100-4000 ft./min
- Operating voltages: 230VAC, 115VAC, 24VAC, 24VDC
- Patent pending “no-tools required” front or rear loading and removing sampling/exhaust tubes
- Patent pending “test port valve” allows for aerosol smoke testing without cover removal
- Clear cover fitted with four captive “no-tools required” thumbscrews
- Flashing LED on detector head indicates normal operation
- Magnet test capability (magnet included)
- Footprint allows easy retrofit in many applications without additional drilling
- Over 15 remote accessories available
- 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
- UL, CUL, CSFM, and MEA Listed
- Advanced detector head design yields internal dust filtering
- No additional screens or filters to clean
- Compatible with building automation and fire alarm systems
- Ionization and photoelectric versions available
- Complete wiring details permanently attached to unit

A traditional installer/servicer-friendly approach has been closely followed and expanded throughout the SL-2000. This philosophy provides a new level of efficiency in after-purchase value to both the installer/servicer and end-user. Attention to detail has yielded a host of “No-Tools Required” features, as well as a multi-application performance level as yet unmatched in the industry. The key features below detail many of the customer-driven innovations incorporated in the SL-2000 Series. Innovative product combined with unsurpassed customer service equals the right combination for all of your projects.

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