MODULASER
Modular Aspirating Smoke Detection

Scalable protection for challenging applications

Protect and annunciate any area within your facility with modular detector chambers that can be added where needed. Detectors can be installed closer to the protected area, reducing pipe runs and cost. Every ModuLaser system is equipped with Edwards patented ClassiFire™ artificial intelligence technology that reduces oversensitivity issues and provides a reliable detection solution that is highly resistant to nuisance alarms.

Contact us today to find out more about the ModuLaser family!
Features:

- **Zoned Aspirating Smoke Detection:** Dedicated alarm relays can transmit zoned alarm information to the main fire alarm panel.

- **Simplified Installation:** When grouping detectors, standard DIN rail allows efficient installation. Aspirating pipework and cables enter either the top or the bottom of each unit.

- **Easy Pipe Connection:** Quick-fit pipe adaptors lock securely, allowing easy pipe connection and removal.

- **Intuitive User Interface:** Bright, easy-to-see colour TFT display takes the guesswork out of programming and diagnostics.
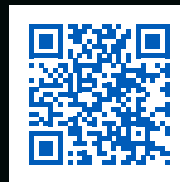
- **Artificial Intelligence:** Edwards patented ClassiFire™ AI technology provides consistent protection in the most challenging environments.

- **Protection for Challenging Applications**: Clean rooms, laboratories, telecommunications hubs, power generation plants, elevator shafts, heritage properties, warehousing, cold storage facilities, operating rooms, and more.
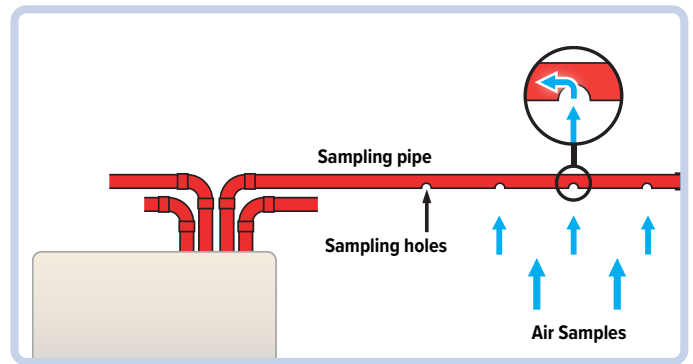
- **Modular Cost-Effective Design:** Buy what you need with the option for future expansion.

Scan to watch a ModuLaser Overview

Aspirating Smoke Detection

Aspirating smoke detectors sample air from the protected area and analyze it for the presence of smoke particles. Historically used for very early warning of smoke in data centres, these cost-effective modular detectors are ideal for challenging applications. Whether you need to protect spaces where very early detection is required or you want a smoke detection solution that is virtually invisible, or the environment is extreme like cold storage, high air flow or dirty elevator shaft, ModuLaser is the perfect complement to your fire and life safety system.

Sampling pipe

Sampling holes

Air Samples

ModuLaser Next-Generation Air Aspiration Protection

ModuLaser is a scalable aspirating smoke detection solution that makes installation easier, maintenance quicker, and takes applications further than traditional air sampling detectors. ModuLaser is comprised of two module types: a display module and a detector module. Each detector module can accommodate up to 820ft (250m) of combined sampling pipe. Display modules and detector modules interconnect via RS-485 communications. The Minimum and Standard Display Modules can each support up to 8 detector modules, while the Command Display Module can support up to 127 modules across its SenseNET network.

We offer national life safety and property protection:

FIRE

- Control Panels (small, mid-sized and large system)
- Detection (Smoke detectors, Heat detectors, Fire Alarm Stations)
- Signaling (Horns, Strobes, Speakers)
- Graphic Annunciation
- Central Station Monitoring
- Linear Heat Detection
- Air Sampling detection systems
- Gas Detection
- Rapid Access Products

SIGNALING PRODUCTS/ DISTRIBUTOR PRODUCTS

- Audible Signals
- Visual Signals
- Hazardous Location Signals
- Fire Protection Equipment
- Clocks
- Security & Annunciation

- Pushbuttons, Transformers & Utility boxes
- Emergency Lighting & Exit Signs

SPRINKLER

- Sprinkler design, installation & maintenance
- Standpipes
- Fire pumps
- Antifreeze loops
- Kitchen Hoods
- Foam Systems
- Fire Suppression Systems
- Backflows
- Off Road Vehicle Suppression
- FDC Locking Caps

SERVICE

- Emergency service by certified manufacturer-trained technicians working with sophisticated inspection equipment and comprehensive skills

- Preventive Maintenance agreements that protect your investment and are tailored to your system

- Specialize in fire alarm inspection and repairs, sprinkler systems, backflow devices, fire pumps, central monitoring, security, fire extinguishers, nurse call, communications, emergency lighting, exit signs, and installation of rapid access products

SECURITY

- Access control
- Video surveillance
- Intrusion
- Network solutions
- Completely integrated systems
- Monitoring

NURSE CALL & COMMUNICATIONS

- Nurse call
- Emergency Call
- Wander Prevention
- Access Control
- Emergency Voice Paging
- Intercom
- Commercial Sound
- Management Reporting
- Redundant Configurations
- Central Station Monitoring

MARINE FIRE & SAFETY

- Fire Protection Systems
- Alarm and Detection
- Portable and Fixed Fire Equipment
- Water Mist Systems
- Self Contained Breathing Apparatus
- Safety Equipment
- Fire Hose & Hydrants

Troy
Life & Fire Safety Ltd.

CFAA MEMBER

NFPA MEMBER

CASA Canadian Automatic Sprinkler Association MEMBER

FSSA Fire Suppression Systems Association