

# MINIMAX FIRE DETECTION AND CONTROL SOLUTIONS



Optimize your system for rapid detection and response.

## MX-2002 Agent Releasing Control Panel

The Minimax MX-2002 provides reliable fire detection, signaling and protection for commercial, industrial and institutional buildings requiring clean agent releasing.

### MX-2002 Features:

- Designed for agent releasing standards NFPA 12, 12A, 12B, and 2001
- Cross-zone capability
- Six programmable Style B (Class B) IDCs (Initiating Device Circuit)
- Four programmable Style Y (Class B) output circuits - (special application power)
- Three programmable Form-C relays
- 7.0 amps total 24 VDC output current
- (C) model available for the Canadian market
- cULus and FM approved



## MX-320 Intelligent Addressable Fire Alarm Control Panel

Minimax also provides an intelligent addressable option with the MX-320(E)(C) Central Processing Unit that meets nearly every application requirement. Designed with modularity for ease of system planning, the MX-320 can be configured with just a few devices in both single zone and multi-zone releasing applications.



### MX-320 Features:

- One isolated intelligent Signaling Line Circuit (SLC) Style 4, 6 or 7
- 6.0 A power supply with four Class A/B built-in Notification Appliance Circuits (NAC); Selectable System Sensor, Wheelock, or Gentex strobe synchronization
- Up to 159 detectors (any mix of ion, photo, thermal, or multi-sensor) and 159 modules (Addressable pull stations, normally open contact devices, two-wire smoke, notification, or relay); 318 devices maximum
- Minimax VeriFire® Tools online or offline programming utility; Upload/Download, save, store, check, compare, and simulate panel databases; Upgrade panel firmware.
- Flashscan® Intelligent Features
- (C & E) models available for Canadian and 240 VAC applications
- cULus and FM approved

## HELIOS® Air Aspirating System

Detect even the smallest smoldering fire with the HELIOS AMX5000. This latest generation smoke detection system consists of one or two independent sampling pipes and one highly sensitive smoke sensor. The evaluation unit displays smoke concentration and alarm, fault, and status notifications. Any increase in smoke concentration is rapidly identified. Three pre-signals and one main alarm can be programmed and transferred to a fire panel for disposition.

### HELIOS Features:

- AutoLearn
- Separate air flow monitoring with one or two sampling pipes
- Adjustable Sensitivity from 0.006-3.16%/ft.
- Excellent suction power
- FM-tested Helios PipeCalc™ calculation software ensures efficient, symmetrical and asymmetrical pipe installation
- Cross zone capability with two-detector dependency for systems with two smoke detectors
- Simple start-up of standard devices using Helios EasyConfig™ or Config™ software
- FM and CSFM approved





## VESDA® Aspirating Smoke Detection

VESDA ASD's are popular aspirating smoke detection solutions with continuous air sampling to provide the earliest possible warning of an impending fire hazard. VESDA ASDs buy the critical time needed to investigate an alarm and initiate an appropriate response to prevent injury, property damage or business disruption. VESDA detectors have multi-level warnings and a wide range of sensitivity that does not degrade or change over time, so even minute levels of smoke can be detected before a fire has time to escalate. Typical applications include hospitals, cultural/heritage sites, correctional facilities, nuclear sites, and marine facilities.

### VESDA Features:

- AutoLearn
- Event log
- Relay outputs
- Easy mounting
- Pre-Engineered pipe network designs
- Configurable alarm levels
- cULus, FM and CSFM approved



## UniVario® Industrial Detectors

The first line of defense in combating an industrial fire is always a state-of-the-art heat and flame detector that will spot a fire in a specific area and immediately activate a suppression system.

UniVario high-tech fire detectors are configured for easy installation and integration into existing installations, making them an affordable alternative to conventional systems. One major advantage is their ability to forward data for analysis, maintenance or statistics compilation. With their robust casing and installation technology, these intelligent, platform-based, micro-processor-controlled fire detectors can withstand even the toughest of conditions. And thanks to their modular concept and modern signal processing technology, UniVario can be used in an unusually broad field of application, indoors or out.



### UniVario Features:

- Uniform Platform
- Freely Programmable
- Fixed Temp, Rate of Rise or both in single detector
- Wide Range of Temperature options
- Wide Range of Installation configurations
- 3-channel Infrared (IR) and Ultraviolet (UV) flame detectors
- FM and CSFM Approved
- Explosion Proof options available
- Silicone Free Available

*discover...*

### MINIMAX FIRE PRODUCTS

For over 100 years, Minimax has delivered innovative solutions for the most demanding fire protection challenges around the world. Minimax Fire Products brings this capability to the North American market. We are part of the Minimax Viking Group, a leader in fire protection with over \$1.1 billion in sales and 6,000 employees. Our expertise in gas based fire detection and protection systems is supported by Viking SupplyNet's nationwide distribution and fabrication network, ensuring that you receive the best in system design and product availability from a single source.

Our Minimax research center in Bad Oldesloe, Germany works closely with test and standardization authorities to develop solutions often used as the basis for fire protection regulations and approvals. You can trust Minimax Fire Products to deliver the most reliable and cost-effective fire protection.



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