

# AKRONEX<sup>®</sup>

INTERNATIONAL



## AKRONEX MICRO GAS PRE-ENGINEERED

Fire Suppression Systems

Worldwide Solutions



[www.akronex.com](http://www.akronex.com)



## Akronex Micro Gas Pre-Engineered Systems

AKRONEX Micro Gas Pre-Engineered Systems perform fire detection and suppression operations in the hazardous area and extinguishes the fire before it enlarges without a need for any other extinguishers.

In recent years, the size and financial value of industrial tools have started to increase rapidly. The fire protection of those tools at the most cost-effective way gained importance due to the increase of the cost of the tools.

Electrical enclosures can be found in almost any industrial and commercial areas. In some cases, the cabin can be a single, small panel, and sometimes a large room covered with electrical panels. In case of fire in one of these enclosures, the equipment inside the panel may be destroyed. If the fire did not bring under control, it may spread to the room and the building.

HFC-227ea and FK-5-1-12 clean agents are used in the systems as the extinguishant which is harmless to electronic devices compared to water-based extinguishants, leaves no residue regardless to dry powder and its derivatives.

# AKRONEX MICRO GAS PRE-ENGINEERED

## Fire Suppression Systems

### Application Areas

- Electric Panels
- IT Servers
- UPS Cabinets
- Transformers
- Transportation And Industrial Vehicles
- Distribution Boards
- Control Cabinets
- Wire Harness
- Power Vaults
- CNC Machine Cabinets
- Engine Control Centers And Engine Compartments
- Flammable Liquid Storage
- Critical Electronic Cabinets
- Medical Laboratory / Testing / Manufacturing Equipment
- Vending Machines / Escalators
- Cable Ducts/Transmitters



# AKRONEX MICRO GAS PRE-ENGINEERED

Fire Suppression Systems

## Most common sources of fire in electrical enclosures;

- Wire fatigue
- Improper installation
- Overloaded circuits
- Equipment failures
- Other environment causes



## AKRONEX MICRO GAS PRE-ENGINEERED SYSTEMS ADVANTAGES

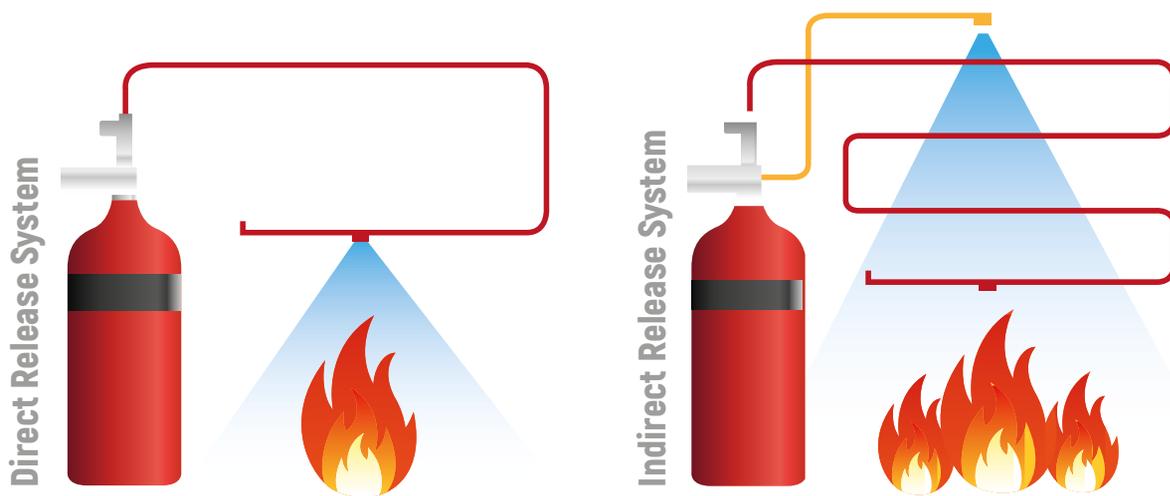
- Highly reliable in harsh environments – tolerant of dirt, debris and temperature extremes.
- Requires no electricity offering uninterrupted service 24/7.
- Sounds alarm and can send an alert to your monitoring system.
  - Eliminates concern for false alarm or false discharge.
  - Provides immediate detection and delivery.
- Allows for inexpensive installation, maintenance and recharge.
  - Tubing can easily be routed to virtually any location in the cabinet to provide fast, accurate detection.





## MICRO GAS PRE-ENGINEERED DIRECT RELEASE SYSTEMS

In Direct release systems, the tubing nearest the hottest point of the fire ruptures, forming an effective discharge "nozzle." The agent contained in the cylinder is then released in the immediate proximity of the fire.



## MICRO GAS PRE-ENGINEERED INDIRECT RELEASE SYSTEMS

With an Indirect release system, the AKRONEX tubing is used only for detection. When a fire causes the tubing to burst, a valve opens and the suppressant is discharged via a traditional distribution network and fixed nozzles.

# AKRONEX

## Environment Friendly Fire Extinguishing Systems

While the world is making rapid technological progress, at the same time people are in a race against adverse effects on ecological balance.



## AKRONEX International Fire Engineering Inc.

AKRONEX International was established in 2007 and operates in the fire sector, which has become a must in technology age.

Our company, which specializes in "Automatic Fire Extinguishing Systems", attaches great importance to the research and development which is the necessity of information age, and follows the technological developments in the world closely and adopts the principle of producing service with the latest products with international qualifications and approvals.

AKRONEX International, which exports to many regions of the world, continues to increase its production and communication through this export network.

## OUR MISSION

AKRONEX International has made the principle of producing environment friendly products with constantly thinking of innovation by investing in research and development to make continuous production of national and international standards.

## OUR VISION

By providing fully promote our brand communication, strengthened in the international area, Becoming Turkey's leading manufacturers in the production of Automatic Fire Extinguishing Systems and compete with the world-class brands.



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People who benefit more from nature and world blessings by the development of technology have also caused to occur pollution at the same time.

Akronex fire protection systems are a responsible choice to protect nature.



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# Worldwide Solutions

## In Automatic Fire Suppression Systems

- Albania
- Armenia
- Azerbaijan
- Bangladesh
- Cyprus
- Ethiopia
- France
- Georgia
- Germany
- India
- Iran
- Iraq
- Italy
- Kuwait
- Libya
- Maldives
- Moldova
- Oman
- Pakistan
- Qatar
- Russia
- Saudi Arabia
- Senegal
- Serbia
- Spain
- Tanzania
- Tunisia
- Turkmenistan

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