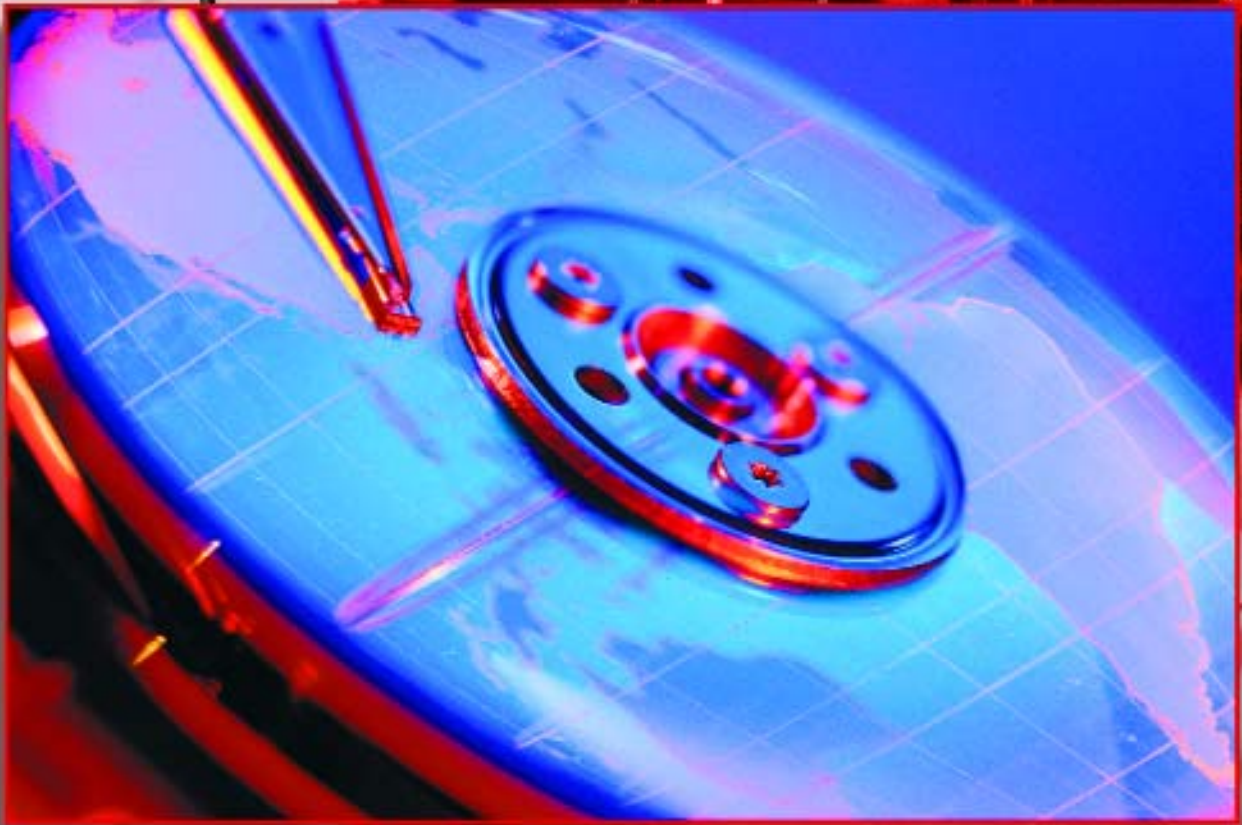




FM-200[®]

Clean Agent Fire Protection



FM-200®

The Right Choice...

A quality fire protection system is much more cost effective than replacing high-value critical data and sensitive electronic equipment. Pyro-Chem has integrated state-of-the-art detection technology and clean-agent chemistry to provide affordable fire protection.

▶ **Fast.**

Pyro-Chem offers two programmable releasing panels (PCR-100 and PCR-400IP) that are compatible with fast acting smoke detectors to sense fire in its early stages. Upon system release, FM-200 Clean-Agent is discharged.

▶ **Effective.**

Similar to Halon 1301, FM-200 agent extinguishes Class A, B and C fires by interrupting the chemical chain reaction. It absorbs heat, accelerating the suppression process.

▶ **Safe.**

The U.S. EPA has accepted FM-200 for use in occupied spaces at concentrations up to 9% by volume and up to 10.5% by volume for normally non-occupied spaces. It is non-toxic when used in accordance with NFPA Standard 2001.

▶ **Clean.**

When protecting valuable assets or sensitive equipment, FM-200 agent stands above conventional agents. Unlike dry chemical, FM-200 is a colorless, odorless gas that leaves no residue to clean up. Unlike water, FM-200 is an electrically nonconductive agent that will not short-out electronic equipment. And unlike the very cold discharge of carbon dioxide, FM-200 will not thermally shock delicate circuitry.

▶ **Earth Friendly.**

FM-200 will not deplete stratospheric ozone and it has a short atmospheric lifetime (31-42 years). As such, it is part of the EPA's SNAP list of acceptable Halon alternatives that are approved for use in total flooding, special hazard fire suppression systems.

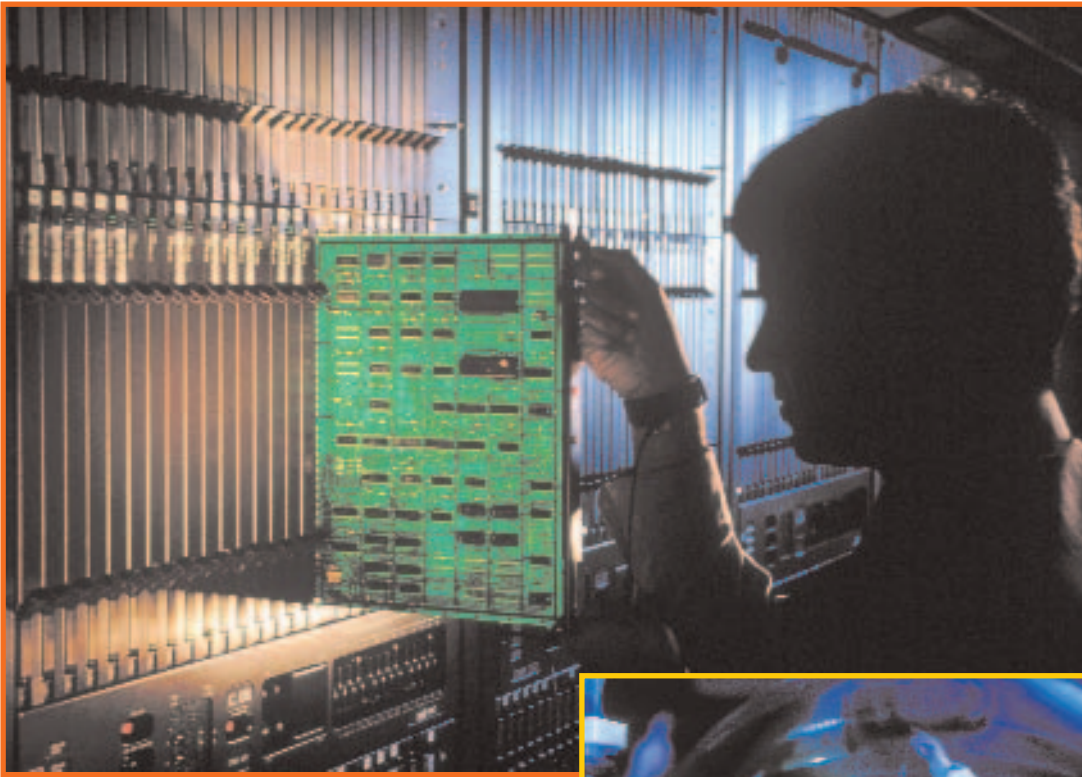


Fire System Selection...

Pyro-Chem FM-200 Systems are recommended when one or more of the following conditions exist:

- ▶ *The value of the area's contents or its importance to business continuity requires a fire suppression system that can react in seconds.*
- ▶ *Water sprinklers will damage the contents of the area to be protected.*
- ▶ *Personnel occupy the area to be protected.*
- ▶ *Post fire cleanup must be eliminated.*
- ▶ *Ease of design and installation is needed.*





Typical Applications...

- ▶ *Cell Sites*
- ▶ *Computer Rooms & Subfloors*
- ▶ *Laboratories*
- ▶ *Healthcare Facilities*
- ▶ *Museums, Art Galleries, Libraries*
- ▶ *Process Control Rooms*
- ▶ *Robotic Systems*
- ▶ *Tape Storage Libraries*
- ▶ *Telecommunications Facilities*
- ▶ *Telephone Equipment Rooms*
- ▶ *Vaults/Record Storage*
- ▶ *Historical Buildings*

The Best Service in the Industry...

Our hassle-free purchasing process is just the beginning. Pyro-Chem has highly skilled technicians available to answer any questions during the planning, installation or operation of its systems after the sale.

Approvals and Standards

- ▶ **Factory Mutual Research Corporation (FMRC)**
- ▶ **Underwriters Laboratories, Inc. (UL)**
- ▶ **Underwriters Laboratories of Canada (ULC)**
- ▶ **NFPA 2001: Clean Agent Fire Extinguishing Systems**
- ▶ **ISO-14520: Gaseous Fire Extinguishing Systems**
- ▶ **EPA SNAP Report**
- ▶ **MEA Approved**

Nozzles --

Available with seven or eight ports to allow for either 180° or 360° horizontal discharge patterns. Offered in seven sizes, ranging from 3/8 in. to 2 in.



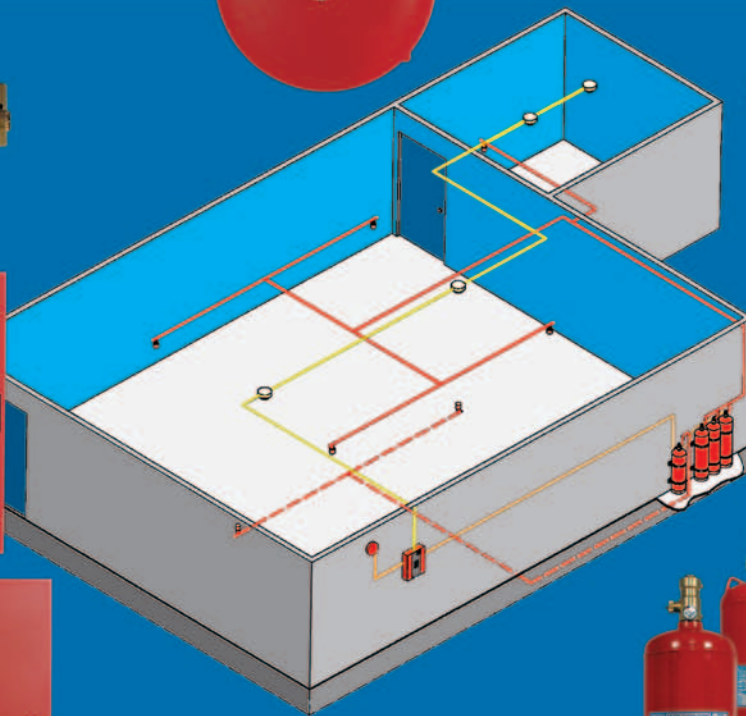
Alarm Bell --

Among other warnings, the control unit sounds the alarm bell, alerting workers to clear the area.



Detectors --

Smoke and heat detectors sense a fire in the protected area. A signal is sent immediately to the control unit.



Pyro-Chem now offers FM-200® agent in a 343 L (757 lb.) tank with liquid level indicator... more protection in less space.



Control Panel --

Upon activation, it begins a series of actions: sounding audible and visual warnings, closing down ventilation systems and triggering the discharge of the suppression system.

Agent Tanks --

Consist of approved DOT and TC high pressure steel tanks, factory filled with FM-200 agent and pressurized with dry nitrogen to 360 psi (25 bar) at 70°F (21°C).

For more information...

About FM-200® systems or other Pyro-Chem products:

- ATTENDANT™ II Gas Station Fire Protection**
- KITCHEN KNIGHT® II Cooking Area Fire Protection**
- MONARCH® Industrial Fire Protection**
- TRITON™/PCR Detection & Control**
- FLAG FIRE Hand Portable Extinguishers**

Contact Pyro-Chem at:

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