

FM-200®



Safe for People and Equipment

Chemetron FM-200 System

Safe, non-toxic and environmentally acceptable for sensitive equipment, FM-200 extinguishes fires by physically removing heat energy from the flame. FM-200 reacts quickly at low concentrations to eliminate a fire. In normally occupied areas, people can breathe FM-200 at extinguishing concentrations without fear. Test after test supports the conclusion that FM-200 is as safe for humans as it is effective at fighting fires, leaving no harmful or messy residue.

FM-200 safeguards a wide range of applications:

- Telecommunication Facilities
- Computer Operations
- Control Rooms
- Electronics Equipment
- Shipboard (Marine) Systems
- Rare Book Libraries
- Record Storage Facilities
- Art Galleries and Museums
- Universities and Colleges
- Petrochemical Installations
- Pharmaceutical and Medical Facilities

Approvals and Listings:

- Underwriters' Laboratories (UL)
- Factory Mutual (FM)

FM-200 (CF₃CH₂CF₃ - heptafluoropropane) is a compound that consists of carbon, fluorine and hydrogen. It is colorless, odorless and electrically non-conductive. FM-200 is stored as a liquid in steel containers and pressurized with nitrogen to 360 psig (2482 kPa) to increase its discharge flow characteristics. When discharged, FM-200 will vaporize at the discharge nozzles and effectively mix with the air throughout the protected area.

CHEMETRON
Fire Systems™

A UTC Fire & Security Company

Why Choose Chemetron FM-200?



Effective... FM-200 extinguishes fires primarily by physically cooling the flame; removing heat from the flame to the extent that the combustion reaction cannot sustain itself.

Fast-Acting... Extinguishment capability occurs within seconds, via a combination of chemically-based fire inhibition and cooling at the flame front. Extinguishing concentration is reached in seconds.

Recognized... By the top independent listing and approval agencies including UL and FM.

Economical... FM-200 clean agent fire protection system allows for:

- › Minimized space and weight requirements
- › Faster installation and service
- › Ambient temperature storage



We understand the challenges inherent in a competitive business environment. No company can afford the major interruption to its operations and financial repercussions that a fire, even a small one, can cause. Your ability to prevent or recover from a business disruption is critical and depends on selecting the best fire protection system and agent.

As a leader in the fire protection industry, we have brought to market many innovative products and extinguishing system design techniques. Chemetron designs and manufactures Low-Pressure Carbon Dioxide, High-Pressure Carbon Dioxide, FM-200®, 3M™ Novec™ 1230 Fire Protection Fluid and Water Mist fire suppression systems and electronic control panels.

Our worldwide network of certified personnel and distributors have the training, experience and technical skills to provide you with all of the services needed to keep your people and property safe. In addition to providing the best in fire suppression systems, we also offer the following services: application engineering; inspection and testing; emergency repairs; hazard analysis; NFPA upgrades; safety, maintenance and operation site procedure; venting analysis; room integrity testing and more.

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FM-200 is a registered trademark of DuPont. 3M and Novec are trademarks of 3M.

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