



A Simple Solution An Affordable Approach An Industry Innovation

CPS A SIMPLE SOLUTION. AN AFFORDABLE

How many days of lost productivity would your business suffer if you experienced a fire in your server room? How catastrophic would it be if a fire destroyed irreplaceable records and documents in the storage room of your corporation? What would happen if a data center went up in flames and many years of data were unrecoverable?

Amerex offers the CPS Clean Agent Fire Suppression System utilizing FM-200[®], the most trusted waterless fire suppression agent in the industry. Years of proven Amerex innovation plus FM-200 equals CPS, a cost effective, reliable, waterless fire protection solution for your critical data and sensitive electronic equipment. Finally, CPS is the solution customized for your needs.





Amerex CPS Stands Out: Clean and Simple

At the core of the Amerex CPS is FM-200, a waterless clean agent that puts safety first—safe for you and your people, safe for your delicate electronics and data, and safe for the environment. The EPA has approved FM-200 for use in normally occupied spaces as a safe and environmentally friendly clean agent. In fact, more large data centers and telecommunication sites are protected with FM-200 than any other alternative agent.

Amerex CPS was developed so installation could be simple and efficient. The complete system, including smoke detection with alarms, is modular to assure simple and trouble-free wiring for the installer. Innovative concepts in the design provide flexibility in tank and nozzle locations removing design and installation challenges often encountered with other systems.

The clean and simple Amerex CPS FM-200 system is the perfect solution for you if loss of data, equipment, or other critical assets could result in lost business.

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The Amerex CPS was Developed for these Typical Applications:

Data Processing Centers Server Rooms Tape Storage and Data Vaults UPS Rooms Telecommunications, PBX & IDF Rooms Cell Sites Process Control Rooms Healthcare Facilities Medical Record Storage CT/CAT Scan & MRI Control Rooms Laboratories Museums and Cultural Centers

FIN-200[®] WATERLESS FIRE PROTECTION

DATA PROCESSING CENTERS · SERVER ROOMS · TAPE STORAGE AND DATA VAULTS · UPS ROOMS

TELECOMMUNICATIONS, PBX & IDF ROOMS · CELL SITES · PROCESS CONTROL ROOMS

HEALTHCARE FACILITIES · MEDICAL RECORD STORAGE · CT/CAT SCAN & MRI CONTROL ROOMS

LABORATORIES · MUSEUMS AND CULTURAL CENTERS

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Amerex Corporation offers the exclusive Amerex CPS, which stands for Clean Agent Pre-Engineered System. The Amerex CPS is a carefully developed fire suppression system designed to help companies maintain business continuity and protect irreplaceable, critical assets from the risks of fire without putting people or the environment at risk.

The agent used in this unique system is the industry leading FM-200 Waterless Fire Protection, an environmentally friendly clean agent manufactured by Great Lakes Chemical Corporation™, a wholly owned subsidiary of Chemtura Corporation. FM-200 was selected as a top product for 2005 by *Buildings Magazine* for its ability to stop a fire within seconds with no water or collateral damage while still being safe for sensitive electronics and people.

Here is a building diagram showing specific applications for which the exclusive Amerex CPS was designed.





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TOTAL FIRE PROTECTION

Unlike a sprinkler system the Amerex CPS uses state-of-the-art smoke detectors to detect smoke long before the fire reaches the high heat levels necessary to trip a sprinkler. After confirmation of a fire by a second smoke detector, FM-200 discharges into the room reaching the design concentration within 10 seconds. Quick detection and suppression occur before the fire reaches catastrophic levels. And no water to clean up after the fire so you can be back in business with minimal down time.

With the addition of the Amerex CPS system to your total fire protection design you will be providing early detection and rapid fire knockdown in seconds. Now you can rest assured that your critical assets have complete and total protection.



Unique and Effective Features

Agent tanks are offered in two sizes with fill increments ranging from 16 pounds through 130 pounds, which comes standard with low-pressure switches. Each tank is a small 10" diameter 4BW-500 DOT tank super pressurized with nitrogen to 360 psi at 70 F (25 bar at 21C). Up to 6 tanks can discharge simultaneously—protecting rooms from 50 to 2,500 square feet with typical 8ft. to 9 ft. ceiling heights.

Electric actuators receive its signal from the releasing panel to discharge the FM-200 system automatically. In the event that someone wishes to operate the system immediately, a mechanical manual actuator can be installed on the tank.

Nozzles can be located in the corner, on the sidewall, or in the center of the room for an aesthetically pleasing and uniform look.

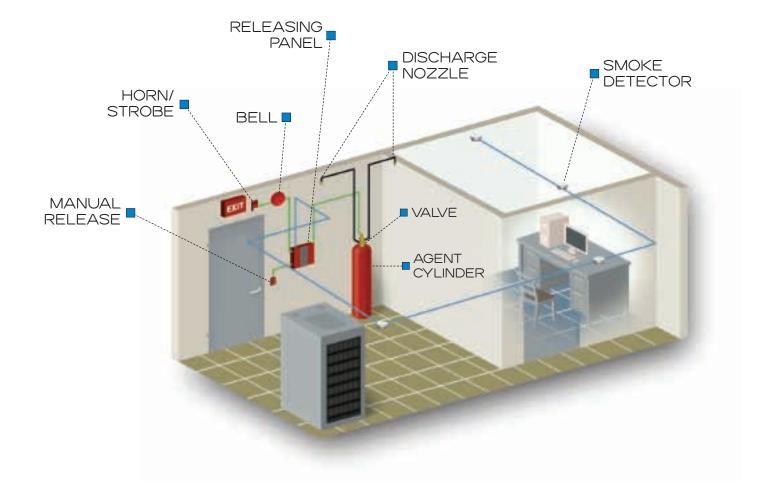
Releasing panel supervises all critical circuits, incorporates cross-zoned smoke detectors, manual release stations, abort switches, and discharge pressure switches to operate alarms and release the FM-200 system. Relays provide control functions and can be monitored by building fire or security panels. If the primary AC power is lost, internal batteries will continue to provide protection for more than 24 hours.

Smoke detectors included in the CPS system use photoelectric smoke detection technology that constantly monitor the room for signs of smoke. Their sophisticated design incorporates sensitivity measurement for analog features at a conventional price.

Alarm bells sound at the first sign of smoke. When the system advances to the release stage, horn/strobes alert occupants of the start of time delay and imminent system discharge.

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The new Amerex CPS Clean Agent Fire Suppression System is finally here to create a unique and customized total fire protection system to protect your critical assets. Call today to schedule a consultation about how you can incorporate the Amerex CPS System into your business strategy so that your business will stay in business—and you can have peace of mind.

The Amerex CPS:

A simple solution, an affordable approach, an industry innovation.

The Amerex CPS is listed or approved by:

- Underwriters Laboratories, Inc. (UL)
- Underwriters Laboratories of Canada (ULC)
- Factory Mutual (FM)

The Amerex CPS complies with:

- NFPA 2001 Clean Agent Fire Extinguishing Systems
- ISO-14520 Gaseous Fire Extinguishing Systems
- EPA SNAP Program

Amerex Corporation has been providing quality and innovative fire fighting products for more than 35 years. Amerex is recognized worldwide as a leader in the manufacture of hand portable and wheeled fire extinguishers and has taken this wealth of experience and innovation to new dimensions with pre-engineered automatic restaurant systems, vehicle fire suppression systems, gas detection, industrial systems and now clean agent systems.

FM-200 is a registered trademark of Chemtura Corporation or one of its subsidiaries.

Distributed By:



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