

Pyro. Chem

MONARCH Industrial Fire Protection



Superior protection for industrial and automotive commercial environments

- Provide 24-hour protection
- Automatic detection & actuation controls
- Flexible piping configurations
- Fully assembled and 100% inspected system elements
- Protective nozzle caps prevent contamination and blockage
- Variety of sizes economically suited for specific needs
- UL/ULC and NFPA Approvals and Standards

Applications

- General industrial local application
- General industrial total flooding
- Industrial spray paint booths
- Open faced industrial spray paint booths
- Vehicle spray paint booths

Hazardous material storage areas and commercial paint spray booths involve highly flammable liquids that can leak or spill as well as cause a buildup of fumes. In an environment where fire is always a threat, the PYRO-CHEM MONARCH Pre-Engineered Fire Suppression System helps to protect a range of hazard areas and provides a reliable response with the versatility of automatic or manual activation.

COMPLETE PROTECTION FOR THE HAZARD AREA

Paint spray booths/rooms are designed to contain or limit the escape of spray, vapor and residue, and a powerful ventilation system ensures the appropriate exhaust of residue material. The PYRO-CHEM MONARCH fire suppression system utilizes total flooding and screening application techniques to help protect the entire hazard, including the work area, exhaust plenum area, exhaust ducts, and the screening of the opening.

The highly effective fire suppression agent, the system's dry chemical suppresses Class A, B and C fires. The agent is discharged through a set of nozzles positioned according to pre-engineered parameters to protect a modular area of hazard and supplied by dedicated agent cylinders. Agent tanks are available in 15 lb (6.8 kg), 17 lb (7.72 kg), 25 lb (11.34 kg), 35 lb (15.88 kg), 50 lb (22.68 kg) and 70 lb (31.75 kg) agent capacities. The system is designed for operation at a temperature range of 32°F to 120°F (0°C to 49°C) for paint spray booths and local overhead application and -20°F to 120°F (-29°C to 49°C) for ABC total flooding and local tank side application.

The system's Approvals and Standards include Underwriters Laboratories, Inc. (UL); Underwriters Laboratories of Canada (ULC); NFPA Standard 17, NFPA Standard 33 and NFPA Standard 34.



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