



MONARCH Fire Suppression System

Superior protection for industrial and automotive commercial environments

- Provide 24-hour protection
- Automatic detection and 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

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.



APPLICATIONS FOR THE MONARCH FIRE SUPPRESSION SYSTEM

General industrial local application

General industrial total flooding

Industrial spray paint booths

Open faced industrial spray paint booths

Vehicle spray paint booths

Superior Protection Begins with Detection

The system's automatic detection and actuation controls provide 24-hour protection. Mechanical or electrical fixed temperature detectors, positioned strategically within the protected area, monitor ambient temperature and initiate an output if the rated temperature is exceeded. The control head discharges the system by pneumatically depressing the stored agent cylinder valve. A manual means of activating the system is also provided.

Expanded capability is available to provide remote manual activation, auxiliary electrical outlets and/or audible alarms. This optional equipment enhances the basic system functions and is applicable when designing custom configurations to suit specific needs and/or comply with local codes.

Critical elements of the system such as the control head, cylinder valve assembly and gas shut-off are fully assembled and 100% inspected.

Superior Fire Protection for Countless Applications

Restaurant kitchens, gas stations, paint spray booths and countless other commercial and industrial applications are protected by PYRO-CHEM automatic suppression systems and fire extinguishers. Ask your Authorized PYRO-CHEM Distributor to provide the right solution for your fire protection challenges.

A Passion for Protection

Dedicated customer support. Extensive product portfolio. Engineering excellence. Trusted, proven brands. Johnson Controls Fire Suppression Products offers all of these attributes, plus a passion for protection. It's what drives us to create solutions to help safeguard what matters most –your valued people, property and business.