

FIRE SUPPRESSION SYSTEM

DETECT FIRE Suppression system is a complete UL/FM - certified fire suppression system that helps you save time and improves productivity.



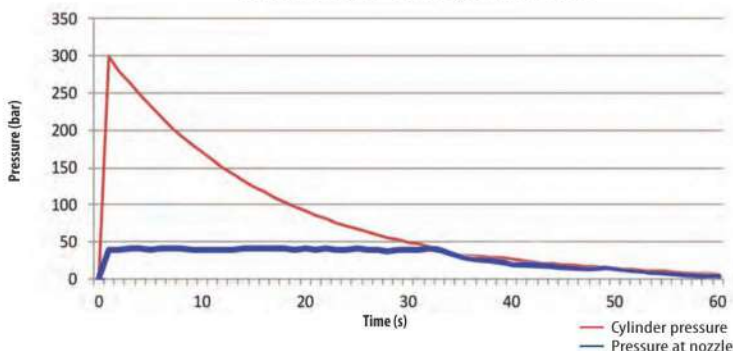
HIGH QUALITY, PROVEN TECHNOLOGY

A complete system solution

- 1 Cylinder 80L-200/300 bar
- 2 Valve 200/300 bar
- 3 Discharge pressure regulator
- 4 Manual release device
- 5 Pneumatic release device
- 6 Electromagnetic release device
- 7 Pressure Gauge with pressure switch
- 8 Bleed valve
- 9 Discharge hose
- 10 Pilot hose
- 11 Manifold
- 12 Nozzle
- 13 Support for Cylinder
- 14 Wall mounting rail
- 15 Bracket for manifold
- 16 Clamp for manifold

All rights for change reserved

Constant flow 40-60 bar dynamic pressure



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CO₂ FLOODING SYSTEM & ACCESSORIES

Co₂ at atmospheric pressure is a colourless, odourless and electrically Non-Conductive inert gas. It has high expansion ratio, which facilitates rapid discharge and allows three dimensional quick penetrations in the entire hazard area.

FEATURES & BENEFITS

- Fast fire extinguishing system
- Effective on deep-seated fires in engine rooms, pump rooms and cargo holds
- Safety release delay designed for security
- CO₂ gas is cost effective.



TUBE SUPPRESSION SYSTEM



FEATURES

- **Easy/Flexible installation**
- **Quick & Effective Suppression**
- **Highly Dependable: no electricity or moving parts**

REDUCES EVEN THE MOST CRITICAL ELECTRICAL FIRE RISKS:

- Combustion from short circuits, overloading or overheating
- Extensive damage to circuitry
- Work stoppage
- Extensive cleanup if sprinkler system discharges



THE KEY DIFFERENTIATOR

1. Quick & Easy installation directly inside electrical cabinets:

The flexible sensor tubing is easily installed inside the electrical cabinet directly above the wires and circuitry where a fire could start.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized sensor tube to burst at the hottest spot (approx. 110°C)

3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the entire cabinet area with CO2 extinguishing agent.

The fire is quickly suppressed just moments after it began, minimizing damage and downtime.



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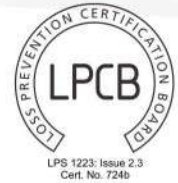


KITCHEN SUPPRESSION SYSTEM

A complete detection & suppression system pre-engineered for commercial kitchens



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FEATURES

- Easy / Flexible installation
- Quick & Effective suppression
- Highly Dependable: no electricity or moving parts
- Reduces even the most critical kitchen fire risks
- Kitchen Fire Suppression System tested and certified by LPCB

THE KEY DIFFERENTIATOR

1. Quick & Easy installation directly above high-risk cooking areas:

The flexible sensor tubing is easily installed directly inside the extractor hood - directly above cooking areas.

When in service, the tubing is pressurized with dry nitrogen to 16 bar. The dynamics of pressurization make the tubing more reactive to heat.

2. Early fire detection:

If a flame-up occurs, the heat of the fire causes the pressurized Sensor tube to burst at the hottest spot (approx. 175°C).

3. Instant suppression:

The sudden tube depressurization actuates the special pressure differential valve and instantly floods the cooking area with Class F extinguishing agent.

The fire is quickly suppressed just moments after it began, minimizing damage and downtime.

SUPPRESSION SYSTEM ACCESSORIES



IHP Valve



ILP valve for Kitchen suppression system



DLP Valve Double NRV



ILP valve with Solenoid Valve



Tube Connector



SS Nozzel for Kitchen Suppression system



SS Union & Tee



End of Line Adaptor



Manual Release Double NRV



Tee fitting



Fire Detection Tube & FT Pressure Gauge



Pressure Switch