

THINK OF FIRE
BEFORE IT STARTS



**PROVIDING END-TO-END FIRE
SAFETY SOLUTIONS.**

We are a renowned player in the Indian market offering a wide range of fire protection equipment, such as Fire Suppression Systems, Kitchen Suppression System, Tube Suppression System, Fire Extinguishers and related systems. We have pioneered safety through innovative and best-in-class products. At Detect Fire, we believe in integrity, transparency, respect and delivering the highest quality, on time!

DETECT FIRE

FIRE SAFETY EQUIPMENT CO.

- ☆ Fire Extinguishers
- ☆ Gas Suppression System
- ☆ Tube Suppression System
- ☆ Fire Door & Fire Alarm Systems
- ☆ Co₂ Flooding System
- ☆ Fire Fighting System

FIRE SUPPRESSION SYSTEM

DETECT FIRE is a complete UL/FM - certified fire suppression system that helps you save time and improves productivity. We also deal in CO₂ Flooding Systems

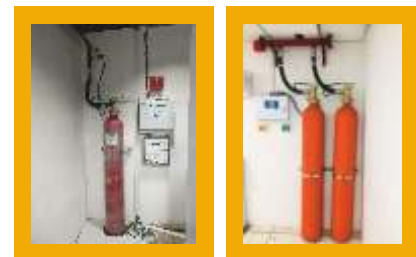


HIGH QUALITY, PROVEN TECHNOLOGY

A complete system solution

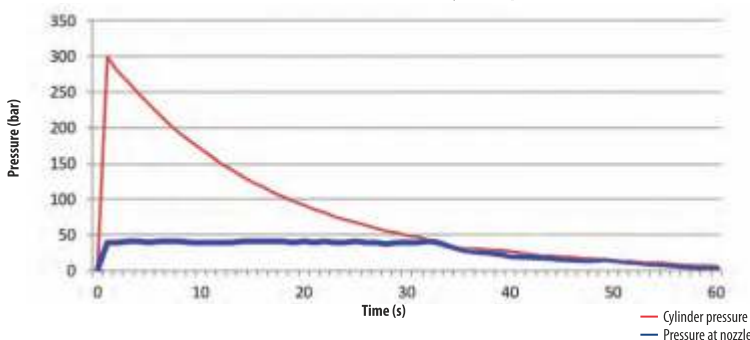
- 1 Cylinder 80L-200/300 bar
- 2 Valve 200/300 bar
- 3 Discharge pressure regulator
- 4 Manual release device
- 5 Pneumatic release device
- 6 Electromagnetic release device
- 7 Pressure Gauge with pressure switch
- 8 Bleed valve
- 9 Discharge hose
- 10 Pilot hose
- 11 Manifold
- 12 Nozzle
- 13 Support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

All rights for change reserved



Live Project Installtion Pics

Constant flow 40-60 bar dynamic pressure



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.

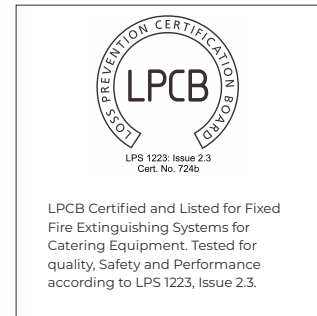
The fire is quickly suppressed just moments after it began, minimizing damage and downtime.



Live Project Installation Pics

KITCHEN SUPPRESSION SYSTEM

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



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.



Live Project Installtion Pics

PORTABLE FIRE EXTINGUISHERS

ABC DRY POWDER

Technical Specifications	
Capacity (Kg)	1,2,4,6 & 9
Anti-Corrosive inhibitor	Epoxy Polyester Powder Coating
Type of Extinguisher	Constant Pressure
Type of Extinguisher Media	Dry Powder IS 14609/IS 4308
Minimum Effective Discharge (%)	85
Minimum Jet Length (Mtrs)	More than 2 mtrs
Discharge Time (Sec)	More than 8 secs
Hydraulic Test Pressure (Kgf/cm ²)	35
Operating Position	Upright
Charged Pressure (Kgf/cm ²)	15
Operating Temperature Range °C	(-) 10 to (+) 55
Operating Value	Squeeze grip type
Expellant	Pressurized with N ₂ Gas
Confirming IS Code	15683
Application	
Class A Fire: Wood, textiles, paper, cloths, Cotton Mill, Jute Mill etc.	
Class B Fire: Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.	
Class C Fire: Flammable Gasses, Industrial Gasses etc.	
Electrical Fires.	



CARBON DI-OXIDE

Technical Specifications	
Capacity (Kg)	2,3 & 4,5
Confirming IS Code	15683
Type of Extinguisher	Co ₂ type
Type of Extinguisher Media	Co ₂ Gas
Minimum Effective Discharge (%)	95
Minimum Discharge Time (Sec)	Not Less than 13 sec
Body Tested (kgf/cm ²)	250
Working Pressure (kgf/cm ²)	150
Operating Position	Upright
Operating Value	Wheel / Squeeze grip type
Operating Temperature Range °C	(-) 10 to (+) 55
Application	
Class B Fire: Petroleum, Oil Diesel, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.	
Class C Fire: Flammable Gasses, Industrial Gasses etc.	
Electrical Fires.	



FIRE HYDRANT ACCESSORIES

FIRE SPRINKLER SYSTEMS

We offer UL / FM approved range of sprinklers to suit your requirement. Our active fire protection sprinklers discharge water at adequate pressure that ensures you and your property remain protected from the hazardous impact of fire



LANDING VALVES

We are a leading supplier of highest quality landing valves. These valves are installed on all floors of a building. In case of fire, the firemen connect their hose to the landing valve that supplies water to extinguish the fire.



Stainless Steel



Gun Metal



DELIVERY HOSE COUPLING

Manufactured to meet the exact Indian standards and offer optimal performance to satisfy your piping requirements.



NOZZLES / BRANCH PIPE

Suitable for Fire incidents related to Paper, Cloth, Wood, Flammable liquids (Petrol, Kerosene, Paints), Gases (LPG, Acetylene) & Electrical. This is one of the most powerful and efficient fire extinguisher.



INTERNAL HOSE BOX

We offer supreme quality Fire Hose Box in different sizes, shapes and designs according to the customer's requirement. Our product range is known for its sturdy construction and optimum finish.



FIRE HOSE

We offer best quality high pressure fire hose intended to carry water or other fire retardant (such as foam) to a fire to extinguish it.



FIRE HOSE REEL

Made up of high-quality metal, or fiberglass or plastic, this corrosion free fire hose reel can function well both as a portable unit or permanently fixed.

FIRE ALARM SYSTEM

CONVENTIONAL FIRE ALARM SYSTEM

DETECTFIRE is one of the trustworthy manufacturers and suppliers of Fire Alarms. We offer the most superior fire alarm system which is appreciated by clients across India. Robust construction, precision design, and easy installation are its USP.

We provide the best Conventional and digital fire alarm systems.



DIGITAL ADDRESSABLE FIRE ALARM SYSTEM



FIRE RESISTANT DOORS

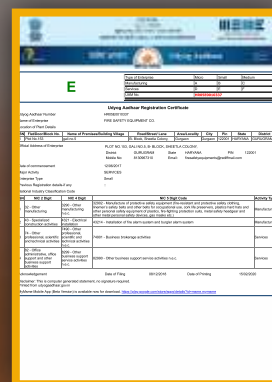
We are one of the largest producers of high quality Fire Resistant Doors in India. We manufacture and supply Fire Rated Doors to residential complexes, industrial projects, commercial complexes, hotel, hospitals and government buildings.



OUR ESTEEMED CLIENTS



CERTIFICATES



DETECT FIRE

FIRE SAFETY EQUIPMENT CO.

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