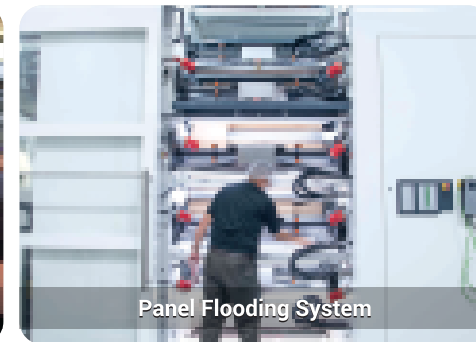


Electrical Panel



Kitchen Fire Suppression System



Panel Flooding System

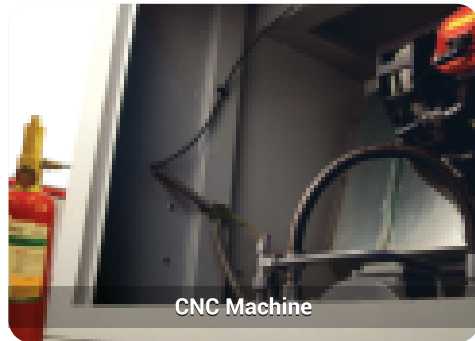
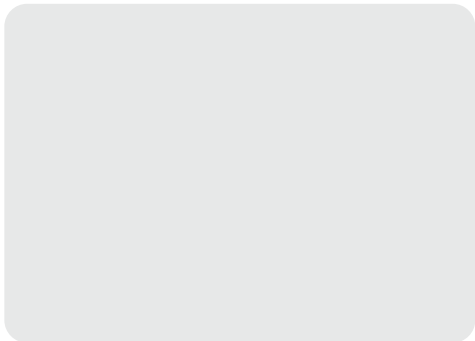


Rodent Repellent System

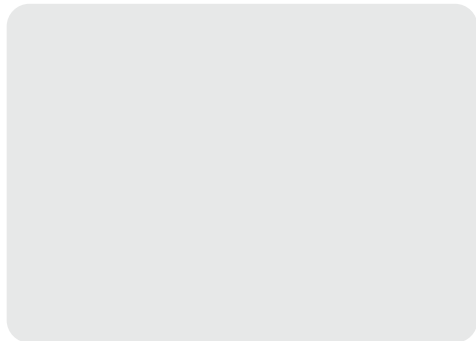
APPLICATIONS



PRODUCT CATALOGUE



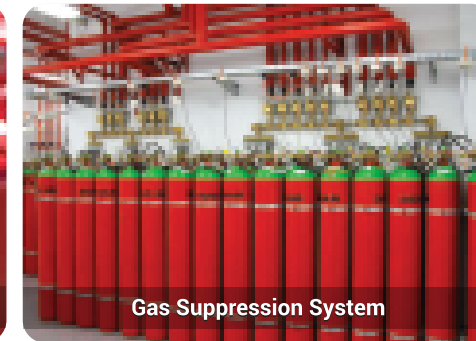
CNC Machine



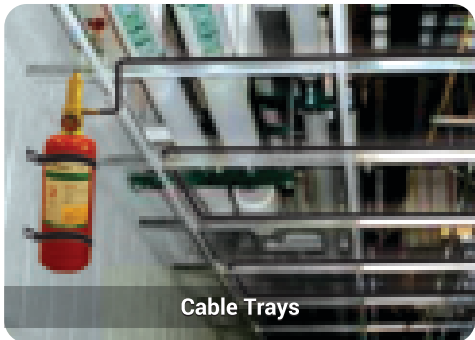
Fire / LPG Gas Detection System



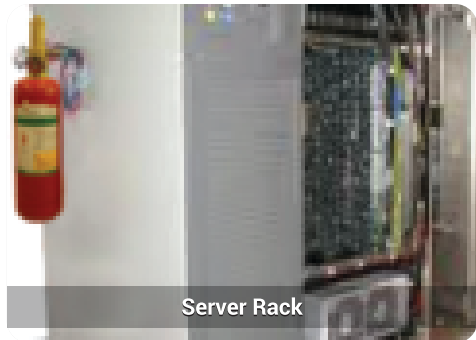
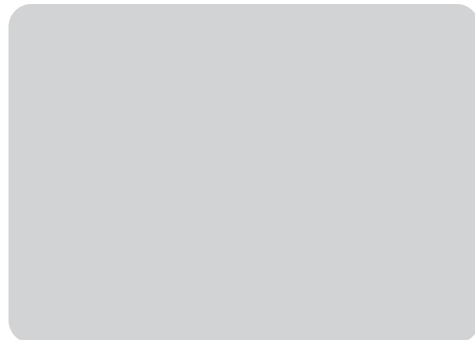
Fire Extinguisher



Gas Suppression System



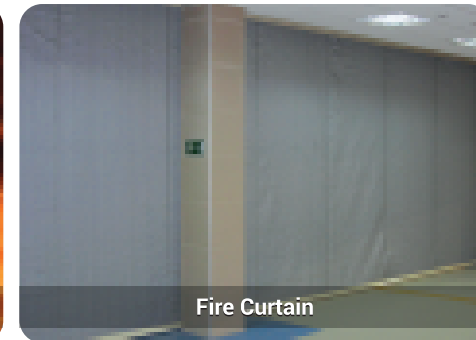
Cable Trays



Server Rack



Fire Door



Fire Curtain



Fire Paints & Fire Mortar & Sealants

Authorized Dealer:
Innovative
solutions



CONIFER SERVICES
56 Terranova, Mandi Road,
Mehrauli, New Delhi



+91 99533 33225



info@coniferservices.com



www.coniferservices.com



COMPANY PROFILE

CONIFER SERVICES is in the business of providing various products in the field of FIRE & SAFETY SYSTEMS for last 10 years. In Innovative Number of Fire Protection Agencies, Electrical contractors, many small scale industries are our esteemed customers. We always thrive to bring in latest and futuristic technology and promote the awareness and threat of Fire to our Lives and Business. Though occurrence of disasters cannot be eliminated or prevented, their impact can be reduced through proper management and planning.

We are Exclusive Distributors of Various OEM brands and along with supply also offers commissioning and AMC support.

We are also creating awareness for FIRE hazard in ELECTRICAL PANELS and have "PANEL FLOODING SYSTEM" in our range of products.

Please find attached our list of products. We promise you best in class products at highly competitive price and seamless services during life cycle of our products.

We partner with our clients to have lasting professional & business relationship .

PRODUCTS & SYSTEMS

- "FIRETOL" UL Listed Kitchen Fire Suppression System
- "FIRETOL" Panel Flooding System, NOVEC / Co2gas
- LPG Gas Detection System
- LPG Gas Cylinder Bank Protection System
- Fire Paints and Fire Mortar and Sealants
- Fire Extinguisher
- FM 200 Flooding System
- CO2 Flooding System
- Inergen Gas Flooding System
- Refilling of any types of gas in existing gas flooding system like Inergen Gas, N2 Gas, Inert Gas, FM200, NOVEC, CO2, Hydrotesting of cylinders etc. Complete refurbishing of cylinders etc.
- LHS Cables
- Aerosol Cans
- Fire Door
- Fire Curtains
- Rodent Repellent System
- Fire Detection System
- Public Address System
- Video Door Phone
- Panic Bar Doors

RISK OF FIRE HAZARD

Risk of fire hazard proves to be very dangerous in the modern commercial kitchen. Fire in kitchen is generally due to burning of oil. However oil & fats burn at relatively high temperature and hence once they catch fire, extinguishing them is very difficult. Open flames, red hot cooking surfaces and a heavily grease- laden environment help the kitchen fire to spread quickly and have proven to be very difficult to extinguish. With the aim to protect modern kitchens from such risks FIRETOL has developed Fire control Solutions in Kitchen Hoods. The system is developed according to the NFPA & UL Standards. It can be widely used in the Kitchens of the Hotels, Institutes, Restaurants and Hospitals etc.

SYSTEM DESIGN & OPERATION

- The system consists of wet agent tank enclosed in S.S. box, Heat sensing cable, Nozzles, and Piping.
- Optional (Temperature Sensor, Temperature Controller)
- The system consist of automatic as well as manual actuation.
- On actuation system starts spraying Synergy low PH – liquid fine suppressant on plenum area, cooking surface, exhaust duct system with predetermined flow rate.
- On contact with hot grease, it forms a layer of soap like foam on the surface (saponification), acting an insulation between hot grease and atmosphere; thus cutting down Oxygen Supply.
- Immediately waterline system is activated and allow water to flow onto the same hazard area, continuously refurbishing foam blanket and cooling the hot appliances to prevent reignition.
- The system is capable of shutting down other appliances on system actuation, if required.
- Additional equipments such as gas shutoff valves, alarm, warning lights etc. can be integrated with the system.

FEATURES

- Pre- Activation Alarm
- Fast fire detection
- Automatic and manual operation
- It is the only system capable of giving an alarm approx 30 degree before activation temperature of the system can be integrated to BMS as well.
- Dual suppression action for appliances and energy supply (Gas and EC)
- Maximum extinguishing coverage
- Exception design
- Easy kitchen cleanup following discharge
- Stainless steel friendly fire suppressant agent
- Water-based environmental friendly agents
- Cost effective
- Multiple Event Logger in Panel

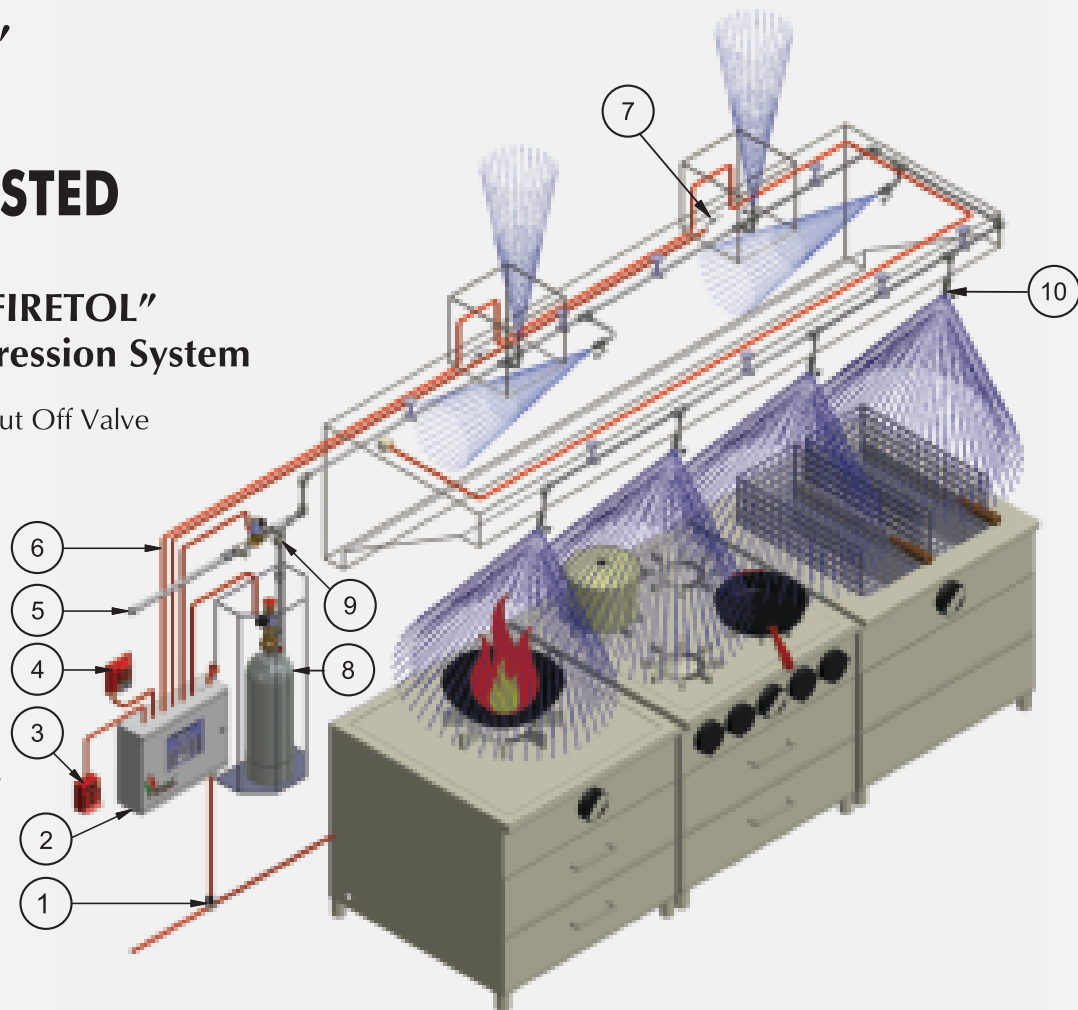
"FIRETOL" KITCHEN FIRE SUPPRESSION SYSTEM

"FIRETOL"



Components of "FIRETOL" Kitchen Fire Suppression System

- 1 Gas Supply Auto Shut Off Valve
- 2 Control Panel
- 3 Manual Pull Station
- 4 Electric Siren
- 5 Water Inlet
- 6 Heat Sensing Cable
- 7 Temperature Sensor
- 8 Wet Chemical Agent Storage
- 9 Discharge Line
- 10 Discharge Nozzle



CONTROL PANEL



- Digital Display
- BMS / Fire Alarm integration possible
- Battery Back-up
- Turn off other devices as required.
- Emergency Activation Switch
- Battery Charging Indicator
- Fault Indicator
- Pre Audio Visual alarm before Activation
- Automatically Shuts off the Gas Supply Valve on activation

MAJOR CAUSES OF FIRE

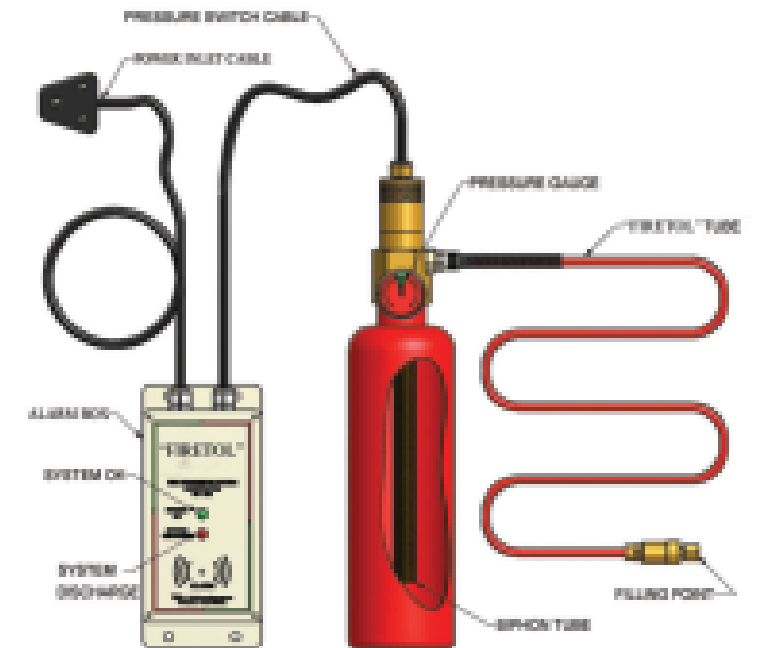
Unattended small short circuits are the main cause of most Major Fires. Fire in Server Racks or electrical panels are generally caused by short circuit or small sparks but as they are not attended they lead to serious hazard to life and property leading to personnel injuries, property damage, loss of productivity and precious time.

Introducing FIRETOL Panel Flooding Systems which is a very simple but most effective solution to fight small fires or short circuits within the LV/ HV Panels.

FIRETOL System configures as per following

SYSTEM CONFIGURATION

- FIRETOL Polymer Tube for Detection
- Fire Extinguisher Cylinder with Automatic Valve Assembly
- Clean Agent Fire Fighting Gas
- Pressure Switch
- Audio Alarm
- Control Panel



SYSTEM FEATURES

- Simple self-activating system without human intervention.
- Linear Heat Detection - senses fire anywhere along the entire length of the fire detection Tube.
- Extinguishes fire at an early stage.
- System activates automatically.
- Safe against malfunction.
- More reliable as system does not rely on complex electronics or moving parts.
- System does not need external power supply for detection and extinguishing of fire.
- Easy to maintain because of simple construction.
- Alarm indication panel to monitor healthiness of system and connectivity to BMS/ Fire alarm Panels



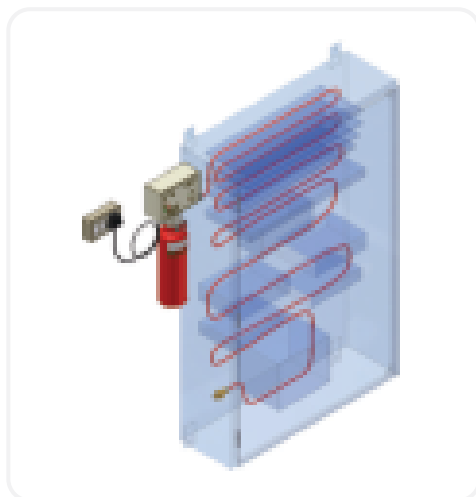
DIRECT FIRESSENSE SYSTEM

The FIRETOL Direct system is ideal for localised applications such as electrical panels, server racks; industrial machines etc. In the Direct system at the time of fire the heat sensitive polymer tubing attached to the FIRETOL system itself burst at a particular temperature forming a small nozzle & from this nozzle the clean agent extinguishant is released flooding the localised area and instantly douses the fire.

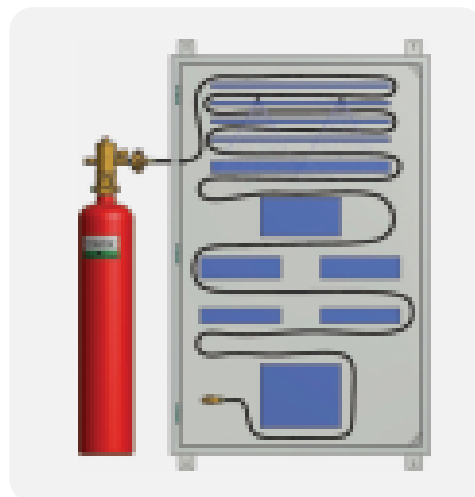


INDIRECT FIRESSENSE SYSTEM

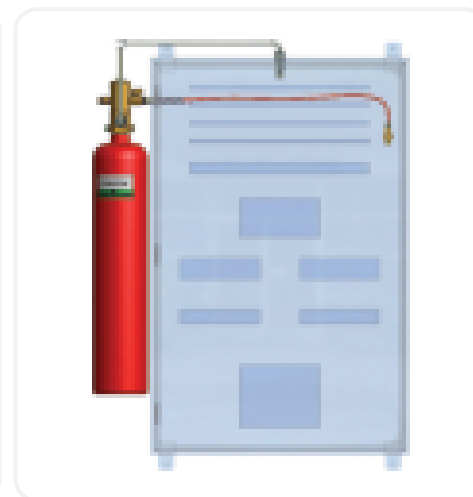
In the Indirect system, heat sensitive polymer tubing acts only as a detection device. In this method at the time of fire the heat sensitive polymer tubing attached to the FIRETOL system detects the fire and operates the FIRETOL system valve and the extinguishant is delivered through steel pipes and the entire area is flooded through nozzles attached to the pipes.



Direct Low Pressure



Direct High Pressure



Indirect High Pressure

Our Various Producta Range



LPG GAS DETECTION SYSTEM
For detecting gas leakages for any application



LPG GAS CYLINDER BANK PROTECTION SYSTEM
To avoid spreading of fire to other areas or cylinder banks



FIRE PAINTS AND FIRE MORTAR AND SEALANTS
Fire paints to retard fire on cables etc. and fire sealants to seal any type of openings



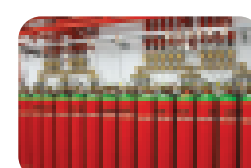
FIRE EXTINGUISHER
All types of fire extinguishers for various use.



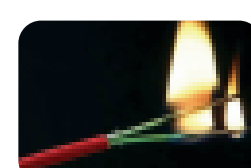
NOVEC 1230 / FM 200 FLOODING SYSTEM
Clean agent system for high value asset areas protection.



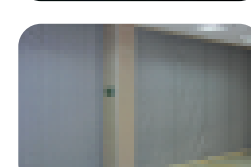
CO2 FLOODING SYSTEM
For suppressing fire's in panels, CNC machineries, Paint shops and many unoccupied applications..



INERGEN GAS FLOODING SYSTEM
For suppressing fire's in any large dg rooms, server rooms, etc.



LHS CABLES
For detecting heat wherever spot detectors cannot be used like cable trays, cable galleries, conveyor belts etc.



FIRE CURTAINS
Which can withstand 2 to 3 hours fire rating and which can create a barrier from other unprotected areas.



RODENT REPELLENT SYSTEM
To keep away from rat nuisance.