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BNI



**“FIRE SAFETY CONSULTING
TURNKEY PRODUCTS & PROJECTS”**

“WE SERVE TO SAVE”

ABC Fire Extinguisher

The ABC Fire extinguisher is a versatile tool that effectively combats all fire classes, including A, B, C, and E, using Mono Ammonium Phosphate as its primary agent.

Capacity: 1Kg,2Kg,4Kg, 6Kg,9Kg, 25Kg



CO₂ Fire Extinguisher

A CO₂ fire extinguisher is a type of extinguisher designed to combat fires fueled by flammable liquids and electrical equipment. It uses carbon dioxide gas to smother the fire by displacing oxygen, effectively extinguishing it without leaving residue or causing damage to sensitive equipment.

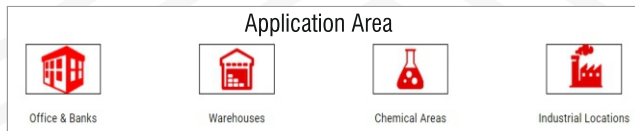
Capacity: 2Kg, 4.5Kg, 6.5Kg 9KG,22.5KG



Water Fire Extinguisher

Water fire extinguisher is used to put off A class fire which includes solid material like paper, wood, cloth and rubber etc. Avoid using this fire extinguisher on electrical fire.

Capacity: 9L.tr and 45L.tr



Mechanical Foam Fire Extinguisher

The Mechanical Foam Fire Extinguisher, utilizing Aqueous Film Forming Foam (AFFF), is utilized for class A and B fires, primarily solids like wood and liquids like petrol and diesel.

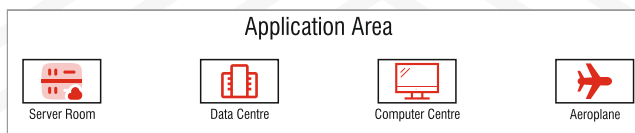
Capacity: 9L.tr and 45L.tr



Clean Agent Fire Extinguisher

Clean Agent Fire Extinguisher s are used for Class A, B, C and E. It leaves no residue and can be used on sensitive equipments, enclosed rooms. Environment friendly. Agent used is HFC236FA, HCFC 123 etc.

Capacity: 1Kg,2Kg, 4Kg, 6Kg



Fire Extinguisher - Home & Car (Powder based)

It is reliable companion for both car and home emergencies. Small in size, big on protection. Be prepared wherever life takes you!

Capacity: 500g and 1 kg.



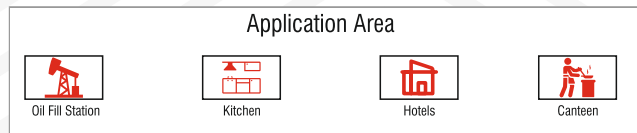
Fire Extinguisher

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Wet Chemical Fire Extinguisher

Wet chemical Fire Extinguisher is used to put off F-Class or kitchen fire. These extinguishers work by instigating a chemical reaction with fats and oils.

Capacity:
4Ltr, 6Ltr



Lithex Fire Extinguisher

LITHEX Fire Extinguisher is Specifically designed Battery fire Extinguisher. It has proven results against lithium ion battery fires.

Capacity:

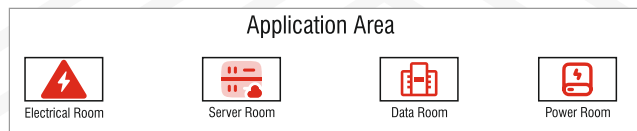
2L.tr, 4L.tr, 6L.tr, 9L.tr



Modular Fire Extinguisher

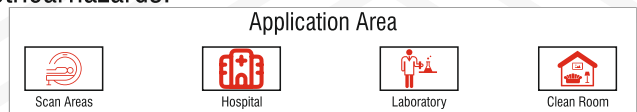
Modular fire extinguisher is based on Sprinkler technology. This fire extinguisher is used in unoccupied rooms or spaces and safety protection in enclosed areas. Agents used are MAP Powders and Clean Agents

Capacity:
2Kg, 5Kg, 10Kg, 15Kg



MRI Fire Extinguisher

A specific fire control device made for non-magnetic MRI conditions is the MRI Fire Extinguisher. The best extinguisher for Class A fires and areas with a possible Class C (electrical) hazard is WATER MIST. The special misting nozzle's small spray protects against electrical hazards.

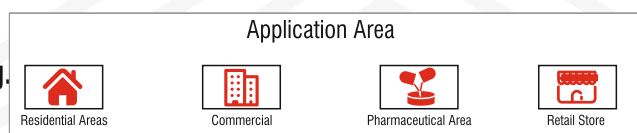


Capacity: 2kg and 4.5kg

Launchers Extinguishers Modular + Suppression system

This highly featureful and automatic fire extinguisher is truly a multi tasker. One, it works as an extinguisher; two, takes over firefighting when the fire becomes too big to handle; and three, turns into a suppression system when no one is around.

Capacity: 4kg, 6kg, 9kg.



Fire Extinguisher Foammist (Wheeled Extinguishers)

Trolley-type fire extinguishers are portable, easy-to-move devices with larger capacity, suitable for higher fire risks, and available in various types for efficient extinguishers.



Capacity: 25 ltr, 45 ltr, 50 Ltr and 75 ltr



Fire hydrant systems protect premises from fires, with types like wet riser, down comer, and dry riser systems. Sprinkler systems are also common. The system has three pumps: jockey pump, master pump, and diesel engine. Deluge valve hydrant systems are used in high-hazard areas. These systems are applied to all commercial premises for fire protection services.

YARD FIRE HYDRANT SYSTEM

Yard hydrant system means device that is located outside of a building, equipped with a valved mechanism that controls the delivery of portable water.



FIRE SPRINKLER SYSTEM

The Automatic Sprinkler System is the most commonly used wet sprinkler system that sprinkles the water in case of any fire accident. When the blaze reaches the appropriate temperature the agent in the glass bulb gets expanded and is tripped

WET RISER FIRE HYDRANT SYSTEM

Wet riser hydrant plays a major role in fire fighting systems as excessive pressure required to pump water to high rise buildings. The location of the tank will be ground floor. Commonly used in tall buildings for distributing water to multiple compartments. The term wet riser itself says that the hydrant pipe will always have water content inside it. Fixed water distribution system has consisting of vertical hydrant pipeline connected with a hydrant valve at each floor





DOWN COMER FIRE HYDRANT SYSTEM

Down comer Hydrant system is used in the places where tank is located in the upper most floor. A vertical pipe carries the water from the tank to the landing valves located at each floor. Water will be always maintained at a certain pressure inside the long pipe. An inlet will be provided at the front of a premise to connect the fire brigade when there is a lack of water supply. Fire Fighting hose will be fitted to the valve for splashing water in order to eliminate fire. Applied at the areas where tank is placed at the top most floors.

FIRE HYDRANT ACCESSORIES

- Single head valve
- Double head valve
- RRL Hose type A & type B
- Branch pipe SS &GM
- Hose box single door & Double Door
- Hose Reel Drum (Riser Mount & SRI Model)
- 2 way inlet & 4 Way inlet
- Inlet Breeching cap
- Sprinkler
- Panel board
- Pressure gauge
- Pressure switch
- Pressure pump
- Diesel pump



Shut off Nozzle | Spare check valve | Male & female Couple
 Spare coupling | Deluge Valve | NRV Valve | Waffer check valve
 Air release valve | Butterfly valve | Ball valve

Fire Alarm System

CONVENTIONAL FIRE ALARM SYSTEM

Conventional Fire Alarm is normally designed to detect and alert people in case of any fire within our premises. 20 devices can be connected in each zone. Fire Alarm Panel is the heart of the alarm system where all devices are connected to it. Sensing, Sounding and Manually Actuating devices are used in accordance with that place.



ADDRESSABLE FIRE ALARM SYSTEM

Addressable Fire Alarm is used to identify the exact location of fire. Each device is connected through Fire Alarm Panel in a loop with singular wire. 254 devices are connected per zone. Most probably used in Multi-Storey Buildings.

Fire Alarm Accessories

- Fire Alarm panel
- Smoke Detectors
- Heat detectors
- Multi detectors
- Manual Call point(MCP),AC,DC
- Response Indicator
- Hooter
- Strobe
- Smoke Detector(Battery Type)
- Manual Siren
- Siren –Mile(1/2,1,2,3,5)
- Hand Operated Siren
- MCP & Hooter
- Gas Detector



Suppression System

In Panel Suppression System



Designed to protect Electrical Enclosures and Circuitry. Types are Direct System and Indirect System. Agent used is CO_2 and Clean Agent Direct System is used at the enclosure less than one cubic metre. Indirect system where if the sensing tube bursts the corresponding agent is released through discharge nozzles.

Application Area:

- ▶ Electrical Cabinet ▶ Fume Hood ▶ Server Racks ▶ ATM's

Kitchen Fire Suppression System

Kitchen Suppression system is an automatic suppression system where fire is detected and suppressed at automatic manner. Sensor tubing is installed above the kitchen hood where a fire could start frequently. Once the tubing gets in contact with the fire the water is sprayed upon fire through discharge nozzles connected with the discharge tubing. Wet chemical agent provides a saponification layer above the fire to avoid re-ignition.



Application Area:

- ▶ Hotel & Restaurant ▶ Domestic Kitchen ▶ Hospital ▶ Food Industries

Room Fire Suppression System



Room Suppression System is used to suppress the fire in automatic manner without any human intervention. Oxygen is reduced by the agent released from the extinguisher in order to suppress the fire. The capacity and quantity of the extinguisher to be installed depends upon the size or dimensions of the room.

Application Area:

- ▶ Server & UPS Room ▶ Data Centre ▶ Store Room

Transformer Fire Suppression System

Transformer Fire Protection System is used to protect the transformer from fire blaze using the water mist technology. It helps preventing the fire to spread other areas. Suppress the fire immediately once the system is activated automatically.

Application Area:

- ▶ Industry & Factory ▶ Residential Area





Machine Suppression System

Wind Turbine Suppression System protects the easily catching zones from fire. Probably Ignition due to the overheat of electrical wires or nearby high flammable materials provides impact on energy production as well as economic output. Sensor tubing is installed inside the enclosure at the most flexible way. Fire is quickly suppressed at the moment it occurs thereby minimizing damage and downtime. Instant Suppression having sensor resistant to high vibrations and shocks.

Application Area:

▶ Wind Mill ▶ Spinning Mill's ▶ CNC Machinery Area

Generator Auto - Quell System

Multiple Applications: Works on A, B, C and Electrical Fires, and is suitable for a variety of applications. Specially designed nozzles dispense Watermist, made up of microscopic droplets of water (below 70 microns), onto the fire affected area, quickly putting out the flames as well as bringing the temperature down to non-combustion levels.



Application Area:

▶ Weddings & Events ▶ Sporting Events ▶ Industries

Fire Extinguisher Refilling & Services

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- **Refilling Extinguishers:** Our knowledgeable experts make sure your extinguishers are properly charged and prepared for use. We adhere to stringent guidelines to ensure peak performance when you need it most. Our top priority is keeping you safe!
- **Extensive Services:** Our services go beyond simple refilling and include careful testing, maintenance, and inspections. We take great care to guarantee that your fire safety equipment satisfies all applicable regulations. You can depend on us to keep you safe and compliant.
- **Superior Replacement Parts:** Find an assortment of superior replacement parts for your fire safety apparatus From us.

Sign Boards (Customized)



- Custom Sign Boards & Stickers • Custom Foam boards
- Light Sign Boards • Foam boards



Fire safety training is essential for workplace and community safety, educating individuals on evacuation procedures, fire prevention, extinguisher use, emergency contacts, smoke alarms, first aid, fire warden responsibilities, risk assessment, communication, and legal compliance. It promotes a safer environment.



Other Items

- Fire rated Doors
- First Aid Box (wood & metal) with Medicine
- Suggestion Box
- Emergency Exit Lights
- Fire Bucket Stand set of (2 & 4)
- Floor Stand (ABC & Co2)
- Zebra Board

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Head Office:

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SAFE CARE FIRE PROTECTON

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