

REVOLUTIONIZING FIRE SAFETY

INDUSTRIAL
SALES
KOLKATA



**AEROSOL BASED AUTOMATIC
FIRE DETECTION AND SUPPRESSION
SYSTEMS**

THE PRIMARY CAUSES OF FIRE IN AN INDUSTRY

The primary causes of fire in an industry include-

- **Electrical Hazards**
- **Machinery and Equipment Issues**
- **Flammable Liquids and Gases**
- **Human Error**

Here's a more detailed breakdown:

ELECTRICAL HAZARDS

Faulty Wiring, Overloaded Circuits and Damaged Electrical Components can lead to sparks and fires, particularly in older facilities or those with inadequate electrical maintenance and the presence of flammable materials near electrical sources.

Faulty Wiring:

Damaged, loose or improperly installed wiring can overheat and create sparks igniting flammable materials.

Overloaded Circuits:

When too many electrical devices draw power from a single circuit, it can lead to overheating and potential fires.

Damaged Electrical Components:

Faulty appliances and equipments can malfunction and cause fires.

Poor Maintenance:

Lack of regular maintenance can cause electrical hazards increasing the risk of fire.

Improper Grounding:

Faulty grounding can lead to dangerous situations where electrical currents flow, causing sparks and fires.

PREVENTING ELECTRICAL FIRES IN INDUSTRY

Our Automatic Aerosol Based Fire Suppression System with Thermal Wire installed inside Electrical Panels are designed to quickly automatically detect and suppress fires thus minimizing damage to equipment and ensuring factory safety.

KEY FEATURES

Fast And Efficient Fire Extinguishing:

In case of fire, the Thermal Wire will detect the temperature and at around 160°C-180°C the Aerosol system attached to the Thermal Wire will get activated and automatically release a fine, potassium based aerosol that interrupts the chemical reaction of a fire, effectively extinguishing it without water or other liquid agents.

Minimal Residue:

Unlike traditional suppression systems, Aerosol Suppression Systems leave minimal residue thus reducing clean-up and down time.

Environmentally Friendly:

Aerosol Suppression Systems use eco-friendly agents with no ozone depleting properties

Compact Design:

The Aerosol Suppression Systems are designed to fit into small spaces, making them ideal for electrical panels, machinery, server rooms, etc.

Benefits:

Shelf Life of Aerosol is 10 years

Rapid Detection and Suppression- Automatic Aerosol Systems detect fires quickly and automatically suppress them before they spread, minimizing all kinds of risks

Applications:

Electrical Panels, Data Centres, Server Rooms, Warehouses, Flammable Chemicals

AEROSOL FIRE EXTINGUISHER WITH HEAT SENSOR CAPACITY – 30 GRAMS AND 50 GRAMS



MATERIAL	HIGH QUALITY STAINLESS STEEL ALLOY CYLINDERS
AEROSOL CAPACITY	30 GRAMS 50 GRAMS
ACTIVATION	100°C-110°C THE THERMOSENSITIVE WIRE STARTS AUTOMATICALLY ELECTRIC STARTING PARAMETERS DC24V/0.5A THE INDEPENDENT ELECTRONIC TEMPERATURE-SENSING STARTER IS ACTIVATED
COVERAGE	30 GRAMS – UPTO 5 FEET HEIGHT PANEL 50 GRAMS – UPTO 6.5 FEET HEIGHT PANEL
EFFECTIVENESS	HIGHLY EFFECTIVE IN SUPPRESSING FIRE, PREVENTING RE- IGNITION AND MINIMIZING DAMAGE
MAINTENANCE	NO MAINTENANCE REQUIRED
CERTIFICATION	PASSED FIRE EXTINGUISHING TEST AND CERTIFICATION FROM TIANJIN FIRE RESEARCH INSTITUTE
FEATURES	NO CORROSION, NO LEAKAGE, LIGHT-WEIGHT, EASY INSTALLATION, WIDE RANGE OF ADAPTATION
GUARANTY	SHELF LIFE OF 10 YEARS

AEROSOL FIRE EXTINGUISHER WITH HEAT SENSOR CAPACITY – 10 GRAMS | 20 GRAMS



MATERIAL	HIGH QUALITY STAINLESS STEEL
AEROSOL CAPACITY	10 GRAMS 20 GRAMS
ACTIVATION	100°C-110°C THE THERMOSENSITIVE WIRE STARTS AUTOMATICALLY ELECTRIC STARTING PARAMETERS DC24V/0.5A THE INDEPENDENT ELECTRONIC TEMPERATURE-SENSING STARTER IS ACTIVATED
COVERAGE	UPTO 3 FEET HEIGHT
EFFECTIVENESS	HIGHLY EFFECTIVE IN SUPPRESSING FIRE, PREVENTING RE-IGNITION AND MINIMIZING DAMAGE
MAINTENANCE	NO MAINTENANCE REQUIRED
CERTIFICATION	PASSED FIRE EXTINGUISHING TEST AND CERTIFICATION FROM TIANJIN FIRE RESEARCH INSTITUTE
FEATURES	NO CORROSION, NO LEAKAGE, LIGHT-WEIGHT, EASY INSTALLATION, WIDE RANGE OF ADAPTATION
GUARANTY	SHELF LIFE OF 10 YEARS

PORTABLE AEROSOL FIRE EXTINGUISHER CAPACITY – 100 GRAMS



TYPE	MANUAL FIRE EXTINGUISHER
AEROSOL CAPACITY	100 GRAMS
APPLICATION	SUITABLE FOR INITIAL FIRES AT HOMES, FACTORIES, OFFICES, EAREHOUSES, KITCHENS, ELECTRICAL ROOMS, ETC
SUPPRESSION TIME	CAN SUPPRESS FIRE WITHIN SECONDS
EFFECTIVENESS	HIGHLY EFFECTIVE IN SUPPRESSING FIRE, PREVENTING RE-IGNITION AND MINIMIZING DAMAGE
MAINTENANCE	NO MAINTENANCE REQUIRED
CERTIFICATION	PASSED FIRE EXTINGUISHING TEST AND CERTIFICATION FROM TIANJIN FIRE RESEARCH INSTITUTE
FEATURES	PORTABLE, NO LEAKAGE, LIGHT-WEIGHT, EASY TO USE
GUARANTY	SHELF LIFE OF 4 YEARS

FIRE BLANKET

SIZE – 1.5 METRES X 1.5METRES



MATERIAL	MADE FROM 100% FIBREGLASS CLOTH, SUPER FLAME RESISTENCE
APPLICATION	SUFFOCATES FIRE INLUding LIQUID AND GREASE FIRES
EXTINGUISHING TIME	IMMEDIATE
EFFECTIVENESS	HIGHLY EFFECTIVE IN EXTINGUISHING IMMEDIATE FIRES
MAINTENANCE	NO MAINTENANCE REQUIRED
CERTIFICATION	PASSED FIRE EXTINGUISHING TEST AND CERTIFICATION FROM TIANJIN FIRE RESEARCH INSTITUTE
FEATURES	100% FLAME RESISTENT, QUICK AND EASY ACCESS, PORTABLE, PROTECTS AGAINST ELECTRC SPARKS
GUARANTY	SHELF LIFE OF 10 YEARS

GET IN TOUCH WITH US



INDUSTRIAL SALES

1, ASHIWINI DUTTA ROAD, 1st FLOOR, MANOHARPUKUR,
KOLKATA – 700029

MR. GAURAV GUPTA
9831029532

MR. VIPUL AGARWAL
9331017760

Email ID : isales.skg@gmail.com