Minimax

IN INDIA
— SINCE —
1903

GUNNEBO®

GUNNEBO GROUP is headquartered in Gothenburg, Sweden. It is a global supplier of security products, services and solutions with a focused vision to sustain as the leading provider of a safer future.

GUNNEBO has a presence across Europe, the Middle East, Africa, Asia-Pacific, and the U.S.A, with its own sales companies in 25 countries. The organization has an extensive Channel Partner network covering an additional 100 markets and manufacturing units in 8 Countries covering every region.

The GUNNEBO global offering includes products and services in Safe Storage, Entrance Control, and Cash Management.

GLOBAL BRANDS

Chubbsafes
Trusted the world over.

gateway®

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HAMILTON SAFE®

ROSENGRENS

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About Minimax

Minimax Fire Safety Products have been in India since 1903. It is the most trusted brand for Quality and Reliability by leading organizations across sectors.

Minimax Fire Extinguishers and accessories are manufactured by GUNNEBO INDIA and have the approval of the Bureau of Indian Standards. The range includes a combination of Portable and Mobile Type Fire Extinguishers of various capacities and various agents to cater to the needs of industrial, commercial, and residential environments.

THE GUNNEBO INDIA MANUFACTURING FACILITY

GUNNEBO INDIA manufactures the Minimax Fire Extinguishers at its factory in Halol, Gujarat. The company follows the highly efficient GUNNEBO Operating System (GOS) and has a clear focus on quality, delivery, cost, optimum resource usage, health, safety, and secure employee commitment to drive consistent improvement and bring lasting value to customers.

Quality lab equipped with Vibration Test. Tapping Test, Oven & Salt Spray Test, etc.

Fire Rooms as per BIS Recommendation for Performance Testing

Fully equipped Paint Booth

Automated Powder Filling

Seven Tank Process for Anti-Corrosive Preparation

ISO 9001 Quality certification, ISO 14001 Environment Certification; ISO 45001 OHSAS Certification for Occupational Health and Safety Management System; in-house PESO approved filling facility for CO_2 and Nitrogen Gas

PAINTING PROCESS

FIRE TEST

CO_2 FILLING

ASSEMBLY OF FIRE EXTINGUISHERS

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PORTABLE STORED PRESSURE TYPE FIRE EXTINGUISHERS

Minimax Stored Pressure Portable Fire Extinguishers are available with Dry Powder Mono-Ammonium Phosphate (MAP50/MAP90), Sodium Bicarbonate (SBC), Clean Agent (CA), Water, Mechanical Foam, and Wet Chemical (F Class) extinguishing media.

Minimax Extinguishing Agents undergo stringent quality checks ensuring the highest percentage of essential base ingredients found in the Fire Extinguisher Industry. These extinguishers are also available with stainless steel body as an option and mount on any surface with the wall hook supplied; or if preferred, can be supplied with an optional floor stand.

KEY FEATURES

- Pure Polyester Anti-Corrosion Powder coating on exterior and interior surface
- EPDM rubber hose for easy movement and control
- Nozzle with brass threaded insert
- Safety Release Device on the valve
- Clear View (30 mm dia.) Pressure Gauge
- In-built NRV at Pressure Gauge port
- Special hanging wall bracket with polymer cover
- Best-in-class performance fire ratings
- Stainless Steel Safety Pin
- Spray nozzles for F Class Fire Extinguishers
- Stainless Steel Siphon Tube for Water/ MF type Fire Extinguishers

FIRE RATING CHART

Extinguishing Media	CAPACITY				
	1 Kg	2 Kg	4 Kg	6 Kg	9 Kg
MAP 50%	1A 21B	2A 34B	3A 55B	4A 144B	6A 144B
MAP 90%	1A 21B	2A 55B	4A 144B	4A 144B	6A 233B
SBC	34B	55B	89B	144B	233B
Clean Agent	* *	1A 21B	2A 34B	2A 55B	* *

Extinguishing Media	CAPACITY		
	2 Ltr	6 Ltr	9 Ltr
Water	1A	3A	3A
Mechanical Foam	* *	* *	4A 233B
Wet Chemical (F Class)	5F	25F	75F
Water Foam Mist	* *	* *	4A 233B 75F

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PORTABLE GAS CARTRIDGE TYPE FIRE EXTINGUISHERS

Minimax Gas Cartridge Portable Fire Extinguishers are available with Dry Powder Mono-Ammonium Phosphate (MAP50/MAP90), Sodium Bicarbonate (SBC), TEC Powder, Water, and Mechanical Foam extinguishing media.

Minimax extinguishing agents undergo stringent quality checks to ensure the highest percentage of essential base ingredients found in the Fire Extinguisher Industry.

These extinguishers are also available with a Stainless Steel body as an option and mount on any surface with the wall hook supplied; or if preferred, can be supplied with an optional floor stand.

KEY FEATURES

- Pure Polyester Anti-Corrosion Powder Coating on exterior & interior surface
- EPDM rubber hose for easy movement and control
- Nozzle with brass threaded insert
- High Extinguishing rating
- Stainless Steel Safety Pin
- Siphon Tube Material – Aluminium for Dry Powder type and Stainless-Steel for Water/MF type Fire Extinguishers
- Special Applicator with Honeycomb Design for D Class Fire Extinguishers
- PPA lining on inside surface of cylinders for water/MF type fire extinguishers
- Indian Register of Shipping (IRS) Approval on selected models

FIRE RATING CHART

Extinguishing Media	CAPACITY		
	4 Kg	**6 Kg**	**9 Kg**
MAP 50%	3A 55B	3A 89B	6A 144B
MAP 90%	3A 89B	4A 144B	6A 233B
SBC	89B	144B	233B

Extinguishing Media	CAPACITY
	9 Ltr
Water	6A
Mechanical Foam	6A 144B

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PORTABLE & MOBILE CARBON DIOXIDE TYPE FIRE EXTINGUISHERS

Minimax Carbon dioxide Type Fire Extinguishers are suitable for Class B and C fires. These fire extinguishers provide fast, safe and effective protection against the fires involving flammable liquids, gases and electrical equipment. The Portable Type is generally suited for indoor use while the Mobile Type is for outdoors.

Carbon dioxide is an effective and clean gaseous extinguishing agent that does not leave any residue to clean up.

Portable Fire Extinguishers are also available with an aluminium body as an option.

KEY FEATURES

- 🔥 Forged brass squeeze type or wheel type valve conforms to IS 3224
- 🔥 High-Pressure rubber hose with metal wire braiding
- 🔥 Aluminium Siphon Tube
- 🔥 Elliptical section horn with an in-built diffusor mechanism
- 🔥 CO_2 gas conforming to IS 15222
- 🔥 Special Carrying handle for selected models
- 🔥 Best-in-class performance fire ratings
- 🔥 Aluminium Collar with Safety Pin for durability
- 🔥 Aluminium handwheel for valve operation
- 🔥 User-Friendly trolley design for easy movement of mobile type fire extinguishers
- 🔥 Indian Register of Shipping (IRS) Approval on selected models

FIRE RATING CHART

Extinguisher Type	CAPACITY		
	2 Kg	**3 Kg**	**4.5 Kg**
CO_2 Portable	21B	34B	55B

Extinguisher Type	CAPACITY			
	6.5 Kg	**9 Kg**	**22.5 Kg**	**45 Kg**
CO_2 Mobile	55B	55B	89B	89B

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MODULAR (CEILING MOUNTED) FIRE EXTINGUISHERS

Minimax Ceiling Mounted Fire Extinguishers are preferred where automatic detection and activation are required. Powder and Clean Agent Type Fire Extinguishers are suitable for Class A, B, C, and electrically actuated fires.

They are preferred in areas that are beyond the range of normal Fire Extinguishers such as Paint and Varnish Warehouses, Oil Filling Stations, Server Rooms, etc.

KEY FEATURES

- Pure Polyester Anti-Corrosion Powder Coating on exterior & interior surface
- Two end threaded connections for rapid installation
- Temperature sensing bulb ranging from 57°C to 141°C
- Forged brass sprinkler valve
- Clear View (30 mm dia.) Pressure Gauge

Extinguishing Media	CAPACITY			
Dry Powder (MAP 50/MAP 90)	5 Kg	10 Kg	**	**
Clean Agent (UL Approved)	5 Kg	6 Kg	10 Kg	12 Kg

CERTIFIED BY NATIONAL TEST HOUSE, NABL APPROVED LAB GOVT OF INDIA

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APPLICATION AREAS

Minimax Ceiling mounted extinguishers are preferred where automatic fire detection and activation are required without manual intervention. They are designed for specific & particular applications such as:

- ⬙ Electrical Switch Rooms
- ⬙ Server Rooms
- ⬙ UPS Rooms
- ⬙ Small Data Centers
- ⬙ Oil & Chemical Storage Areas
- ⬙ Warehouses
- ⬙ Clean Rooms
- ⬙ Art Galleries
- ⬙ Computer Rooms
- ⬙ Telecom Areas

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MOBILE TYPE FIRE EXTINGUISHERS

Minimax Mobile Type Extinguishers are preferred where Fire Extinguishers are deployed in severe conditions; usually outdoor.

These are available with Dry Powder Mono-Ammonium Phosphate (MAP50/MAP90), Sodium bicarbonate (SBC), Water, and Mechanical Foam Extinguishing Media.

They are preferred in industrial applications; enabling quick and simple refilling after discharge.

Minimax Dry Chemical Extinguishing Agents undergo stringent quality checks ensuring the highest percentage of essential base ingredients found in the Fire Extinguisher Industry.

KEY FEATURES

- Pure Polyester Anti-Corrosion Powder Coating on exterior & interior surface
- High Strength Thermoplastic Hose
- Specially engineered Squeeze Grip Aluminium Nozzle for dry powder Fire Extinguishers
- Powder Coated Trolley for easy movement
- Safety Release Device on the valve
- Best-in-class performance Fire Ratings

FIRE RATING CHART

Extinguishing Media	CAPACITY		
	25 Kg	**50 Kg**	**75 Kg**
MAP 50%	20A 233B	20A 233B	20A 233B
MAP 90%	20A 233B	20A 233B	20A 233B
SBC	233B	233B	233B

Extinguishing Media	CAPACITY	
	20 Ltr	**60 Ltr**
Water	20 A	20 A
Mechanical Foam (AFFF & AR-AFFF)	20A 233B	20A 233B

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FIRESPOT® PANEL PROTECTION SYSTEM

Most commercial and industrial premises have panels and cabinets installed inside dedicated rooms. An unprecedented fire by most common sources like loose connectors, overloaded circuits, equipment failure, fatigued electrical wiring, improper installations, etc., in these enclosed panels, mounted with high-risk machines and vital equipment can cause heavy downtime and huge commercial impact.

Developed and manufactured by GUNNEBO INDIA, FIRESPOT® Panel Protection System is a specially designed self-actuating Fire Suppression System for 'Special Hazards' in enclosed cabinets. The pre-engineered system is activated by a pressurized heat sensing tube which ruptures at the spot where fire occurs and suppresses the fire at its origin.

FIRESPOT® Panel Protection System is the most effective and reliable product for the protection of enclosed panels or cabinets from fire.

APPROVALS
- UL Approved Heat Sensing Tube and Hooter
- UL Approved Clean Agent
- FIRESPOT® Panel Protection System is approved by National Test House, Central Govt. Testing Laboratory of India

SYSTEM COMPONENTS
- Heat Sensing Polymer Tube
- Clean Agent Cylinder with Valve
- Audio Visual Hooter
- Gas Release Monitoring Panel
- Optional GSM Dialler & Pressure Switch

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FIRESPOT® ROOM PROTECTION SYSTEM

Minimax FIRESPOT® Room Protection System is a suppression solution designed for unmanned rooms when manual intervention at the early stages of fire is not possible. The automatically operating suppression system is ideally suited for small server rooms and storage areas where special attention is required to provide adequate protection against fire hazards – with early detection and suppression without causing any collateral damage.

This system comprises a ceiling-mounted cylinder filled with Clean Agent; integrated with an electrically actuated control valve, detectors and Fire Alarm Panel. In case of fire, the detector sends a signal to the Fire Alarm Panel, triggering the Electrical Actuator on the cylinder valve to discharge the agent into the room to suppress the fire. An optional GSM Dialler enables a signal to be sent, alerting users by an SMS message on their mobile phones in the event of a cylinder being actuated due to fire.
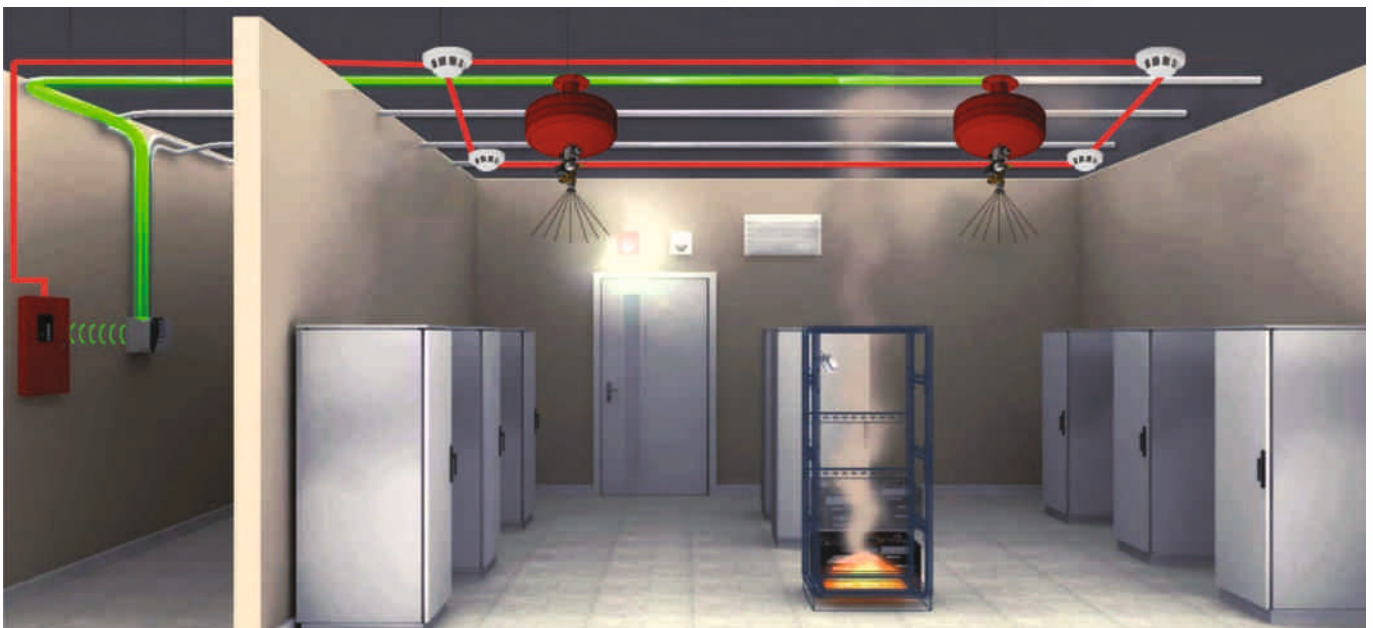
FIRESPOT® Room Protection System is best suited for Electrical Panel Rooms, UPS and Battery Rooms, Switchboard, Record and Server Rooms, etc.

APPROVALS
- FIRESPOT® Room Protection System is approved by National Test House, Central Govt. Testing Laboratory of India
- UL Approved Clean Agent with Zero Ozone Depletion Potential

KEY FEATURES
- Can be connected to Central Monitoring System through a Control Panel
- Early detection and clean suppression without damaging critical equipment
- Up to 2 units can be connected to one Control Panel
- Option of GSM Dialler enabling SMS alert to users in the event of the activation
- Operates even during power outages with battery backup

SCAN

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A **GUNNEBO®** *BRAND*

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