



IN INDIA SINCE 1903



 **Minimax**

A **GUNNEBO**<sup>®</sup> BRAND

## “Driving world class innovation across the globe”

The Gunnebo Group headquartered in Gothenburg, Sweden is a global supplier of security products, services and solutions with a vision to become the leading provider of a safer future.

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

Gunnebo's global offering includes products and services in Safe Storage, Entrance Control, Cash Management and Integrated Security.

### Global Brands

**Chubb**safes  
*Trusted the world over.*

**gateway**®

**STEELAGE**

**HAMILTON SAFE**®

**ROSENGRENS**

**GILPRO**

**sallén**

## **Minimax**

### About Minimax

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

Minimax Fire Extinguishers and accessories are manufactured by Gunnebo India and are approved by 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.



# Manufacturing at **GUNNEBO INDIA**



Gunnebo India manufactures the Minimax Fire Extinguishers at its factory in Halol, Gujarat, which follows the highly efficient Gunnebo Operations System (GOS) with focus on quality, delivery, cost, use of resources, health & safety and securing employee commitment to drive continuous improvement and bring value to the customers.

## The HALOL facility features

- ISO 9001 Quality certification, ISO14001 Environment certification and ISO45001 OHSAS Certification for occupational health and Safety Management System In-house PESO approved filling facility for CO<sub>2</sub> and Nitrogen gas
- Seven Tank Process for anti-corrosive preparation
- Fully equipped Paint booth
- Quality lab equipped with vibration test, tapping test, Oven & Salt Spray Test etc.
- Fire Room as per BIS recommendation for performance testing
- Automated powder Filling



Painting Process



Fire Test



CO<sub>2</sub> Filling



Assembly of FE's

## Portable Stored Pressure Type Fire Extinguishers

Minimax Stored Pressure Portable Fire Extinguishers are available with Dry Powder Mono-ammonium Phosphate (MAP50/MAP90), Sodium bi-carbonate (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 fire extinguishers are also available with Stainless Steel body as option and mount on any surface with the wall hook supplied, or if preferred, can be supplied with optional floor stand.

### Key Features

- Pure Polyester Ant-corrosion powder coating on exterior & Interior surface
- EPDM rubber hose for easy movement and control
- Plastic nozzle with metallic threaded insert
- Safety Release Device on valve
- Clear View (30 mm dia) Pressure Gauge
- In-built NRV at Pressure Gauge port
- A Special hanging wall bracket with polymer cover
- High Extinguishing rating
- Stainless Steel safety Pin
- Spray nozzles for F Class Fire Extinguishers
- Stainless Steel Siphon Tube for Water/MF Type Fire Extinguishers



Extinguishing Media	Capacity					
	0.5 Kg	1 Kg	2 Kg	4 Kg	6 Kg	9 Kg
MAP50%	**	1A 21B	2A 34B	3A 55B	4A 144B	6A 144B
MAP90%	**	1A 21B	2A 55B	3A 89B	4A 144B	6A 233B
SBC	**	34B	55B	89B	144B	233B
Clean Agent	**	**	1A 21B	2A 34B	2A 55B	**

\*\* Non -BIS, fire rating is not available

IS:15683



APPROVED  
IS 15683:2018



Extinguishing Media	Capacity			
	2 L	4 L	6 L	9 L
Water	1A		3A	3A
Mechanical Foam				4A 233B
Wet Chemical ( F Class )	5F		25F	75F





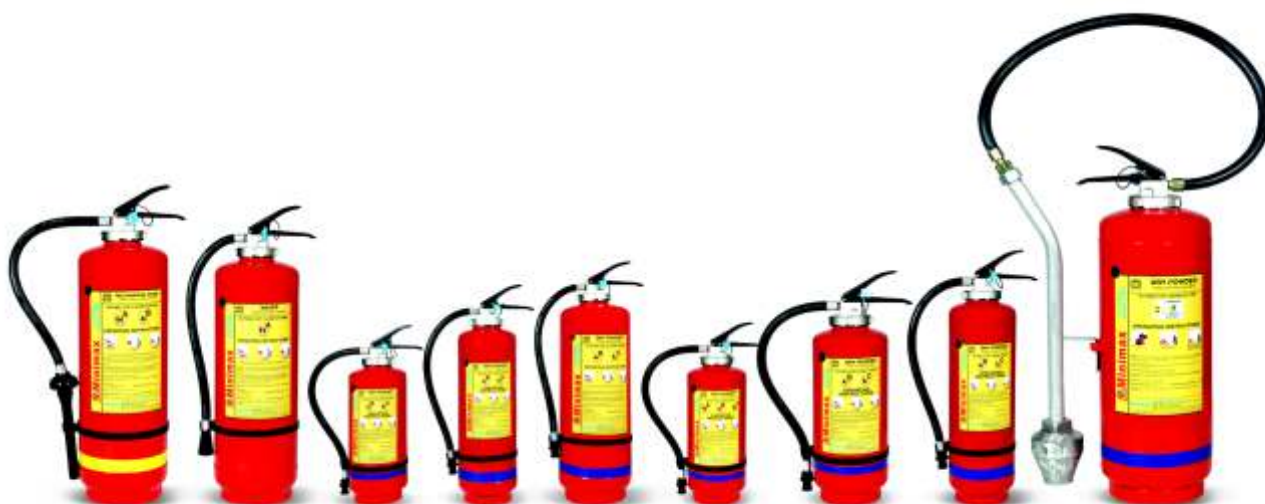
## Portable Gas Cartridge Type Fire Extinguishers

Minimax Portable Gas Cartridge Type Extinguishers are preferred where the Fire Extinguishers are deployed in severe conditions - usually outdoor. These are available with Dry Powder Mono-ammonium Phosphate (MAP50/MAP90), Sodium bi-carbonate (SBC), Ternary Eutectic Chloride (TEC), Water and Mechanical Foam extinguishing media. They are preferred in industrial applications and enable quick and simple refilling after discharge.

Minimax extinguishing agents undergo stringent quality checks ensuring the highest percentage of essential base ingredients found in the Fire Extinguisher industry.

### Key Features

- Pure Polyester Ant-corrosion powder coating on exterior & Interior surface
- EPDM rubber hose for easy movement and control
- Nozzle with metallic threaded insert
- Safety Release Device on valve
- 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



### Fire Rating

Extinguishing Media	Capacity		
	4 Kg	6 Kg	9 Kg
MAP50%	3A 55B	3A 89B	6A 144B
MAP90%	3A 89B	4A 144B	6A 233B
SBC	89B	144B	233B

IS:15683



APPROVED  
IS 15683:2018



Extinguishing Media	Capacity
	9L
Water	6A
Mechanical Foam	6A 144B





## Portable & Mobile Carbon dioxide Type Fire Extinguishers

Minimax Carbon dioxide Type Extinguishers which are suitable for Class B and C fires gives fast, safe and effective protection for fires involving electrical equipment and flammable liquids. Portable Type are generally suited for use indoors and Mobile Type for use 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 Aluminium body as option



### Key Features

- High Glossy Polyurethane Painting on cylinder exterior surface
- 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 in-built diffuser mechanism
- CO2 gas conforming to IS 15222
- Special carrying handle and wall bracket enable accurate fixation and mounting
- High Extinguishing rating
- Aluminium Collar with safety pin for durability
- Aluminium handwheel for valve operation
- Large wheel trolley for easy movement for Mobile Type Fire Extinguishing

### Fire Rating

Extinguishing Media	Capacity						
	Portable				Mobile		
	2 Kg	3 Kg	4.5 Kg	4.5 Kg (Al body)	6.5 Kg	9 Kg	22.5 Kg
Co2	21B	34B	55B	55B	55B	89B	

IS:15683



BIS APPROVED  
IS 15683:2018



EN3

IS:16018



BIS APPROVED  
IS 16018:2012



## Modular (Ceiling Mounted) Fire Extinguishers

Minimax Ceiling Mounted are preferred where automatic detection and activation are required. These are available with ABC (Mono Ammonium Phosphate) Powder and Clean Agent suitable for Class A, B and C fires. They are preferred in areas that are beyond the range of normal fire extinguishers, such as Paint and varnishes godown, Oil filling Station, server room etc.



### Key Features

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







## Mobile Type Fire Extinguishers

Minimax Mobile Type Extinguishers are preferred where the Fire Extinguishers are deployed in severe conditions - usually outdoor. These are available with Dry Powder Mono-ammonium Phosphate (MAP50/MAP90), Sodium bi-carbonate (SBC), Water and Mechanical Foam extinguishing media.

They are preferred in industrial applications and enable 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 Ant-corrosion Powder Coating on Exterior & Interior surface
- High Strength PVC Braided hose
- Special Engineered Squeeze Grip Aluminium nozzle for dry powder Fire Extinguishers
- Powder Coated trolley for easy movement
- Safety Release Device on valve
- High Extinguishing rating

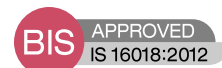


### Fire Rating

Extinguishing Media	Capacity		
	25 Kg	50 Kg	75 Kg
MAP50%	20A 233B	20A 233B	20A 233B
MAP90%	20A 233B	20A 233B	20A 233B
SBC	233B	233B	233B

Extinguishing Media	Capacity	
	20L	60L
Water	20A	20A
Mechanical Foam (AFFF & AR-AFFF)	20A 233B	20A 233B

IS:16018











## **Gunnebo India Private Limited**

**Regd. Office:** Unit No. 102, 1st floor, Akruiti SMC,  
LBS Marg, Khopat, Thane (W) 400 601, India

**Works:** 1302/1306 GIDC Industrial Estate,  
Halol, Gujarat - 389 350, India

**Email:** fireproducts.india@gunnebo.com

**Customer Care:** Toll free 1800 22 3525,  
1800 209 3040, +91 22 6780 3600

[www.minimax.co.in](http://www.minimax.co.in)

## **Regional Offices**

### **East Sales Office**

Gunnebo India Private Limited  
Oswal Chambers, 2, Church Lane,  
3rd floor, Room No. 306, Kolkata - 700 001

### **South Sales Office**

Gunnebo India Private Limited  
OMS Court, 2nd floor, No.1,  
Nathamuni Street, G. N. Chetty Road,  
T. Nagar, Chennai - 600 017

### **North Sales Office**

Gunnebo India Private Limited  
1st floor, B-23, Sector 65, Noida - 201 307