



Gunnebo India Ltd.

Gunnebo India Ltd. is a subsidiary of the Gunnebo AB Group, Sweden since March 2000 and is headquartered in Mumbai, India. The employee strength today stands at over 750 people spread across 14 branch offices located in all major towns and cities across India.

Gunnebo India Ltd. was formerly known as Steelage Industries Ltd. was established in the early 1932 with the set up of its first manufacturing plant for physical security products at Mazagaon in Mumbai, India. Steelage Industries Ltd. acquired the Minimax brand in the year 1971 for manufacturing fire extinguishers and fire fighting equipment to meet the requirements of the growing Indian market.

From 1st January 2006, Gunnebo's business is organised in one Gunnebo company in each country where the Group has its own operations - or one Customer Centre as this unit is called. This change was introduced in order to better serve the Group's customers with integrated security solutions and to grow our business. In Customer Centre India, you can find the following Business Lines:

Business Line Bank focuses on banks and offers security solutions, such as, secure storage, bank automation systems, entrance and access control systems, CCTV, and intrusion and fire alarms.

Business Line Retail focuses on retail stores and offers security solutions, such as safes, cash handling systems, EAS systems, entrance and access control systems, CCTV, and intrusion and fire alarms.

Business Line Site Protection offers site protection (excluding those targeting banks and retail stores). Site protection includes indoor and outdoor perimeter security systems, entrance control systems, interlocking doors, other enclosures such as blast-proof doors and windows, anti-terrorist products, access control systems, CCTV systems, and fire and alarm systems.

Fire Projects division under Business Line Site Protection cater to power generation plants, electric sub stations, high hazard risks like oil tank farms, LPG storage facilities, aluminum plants, LPG / hydrocarbons loading / unloading jetties & other industrial units. Fire detection and protection systems include Fire Detection and Alarm Systems such as Intelligent Systems & Conventional Systems. Whereas Protection Systems include Hydrant Systems, Foam Systems, Spray Systems and Gas Suppression Systems.

Business Line Fire Products offers fire extinguishing products for industrial, commercial and private use. Gunnebo India offers fire products such as portable fire extinguishers, mobile fire extinguisher, portable/ trailer fire pumps, extinguisher refills etc. These include various types of fire extinguishers like Dry Chemical Powder, Water Co., Mechanical Foam, Stored Pressure, Carbon Dioxide, Halotron 1 and Modular type fire extinguishers. Other products include Trailer Pumps, Portable Pumps, Hose Reel Drums, Delivery Hose Couplings, Branch Pipes, Gas Cartridges, Hydrant Valves, Double Headed Hydrant Valves, Fire Extinguisher Spares & Services.

Business Line Secure Storage focuses on sales activities for secure storage products (excluding those working with banks and retail). Secure storage products are predominantly burglar-resistant, fire-resistant safes and cabinets, vaults, doors, lockers, locks & accessories.

After Sales Service unit manages and develops all service operations in each market. After Sales Service can also take care of first time installations of systems as required by the Business lines.

Halotron 1 - Ceiling Mount Type



Model	Halotron-5 Modular Type
Media	Halotron Gas
Capacity	5kgs
Area Coverage	3m ² approx.
Test pressure	30kgf/cm ²
Anti-corrosive Treatment	Powder coated
Shell Diameter	230mm
Overall Height	350mm
Charged Weight	9.5 kgs
Bulb Temperature	57/68/79°C
Charged Pressure	15kgf/cm ²
Mounting	Ceiling Mount Type

Accessories



■ Fire Pumps

Trailer Mounted Type Fire Pump

Minimax Trailer Pump delivers water at high pressure for firefighting purposes. It can use water from underground reservoirs, tanks or existing hydrant systems. Being a mobile unit, it can be towed by any motor vehicle to the source of water and pressed into service by coupling fire-fighting delivery hoses to its outlets.

Features:

- Conforms to specification IS: 944
- Trailer Mounted: can be towed by any vehicle.
- Diesel engine fitted with single stage centrifugal pump having one male round threaded one 4" (100mm) suction inlet and two 2 ½" (63mm) instantaneous female delivery outlet. Outlet: 1800 lpm @ 7 kg/cm2.
- Water ring/reciprocating/exhaust primer capable of lifting water from a depth of 7 mtrs. in 23 seconds.
- Approx dimensions: 3300mm x 1700mm x 1600mm (length x width x height).
- Weight: 1050 kgs approx.



■ Modular Type

ABC - Ceiling Mount Type



Model	ABC-5 Modular Type
Media	ABC Powder
Capacity	5kgs
Area Coverage	3m² approx.
Test pressure	30kgf/cm²
Anti-corrosive Treatment	Powder coated
Shell Diameter	230mm
Overall Height	350mm
Charged Weight	9.5 kgs
Bulb Temperature	57/68/79°C
Charged Pressure	15kgf/cm²
Mounting	Ceiling Mount Type

Model	ABC-10 Modular Type
Media	ABC Powder
Capacity	10kgs
Area Coverage	3m² approx.
Test pressure	30kgf/cm²
Anti-corrosive Treatment	Powder coated
Shell Diameter	300mm
Overall Height	350mm
Charged Weight	16 kgs
Bulb Temperature	57/68/79°C
Charged Pressure	15kgf/cm²
Mounting	Ceiling Mount Type



Minimax

Minimax is a highly reliable and trusted brand name in fire extinguishers since 1903. Minimax with its innovative products and solutions is the most preferred fire security solution provider to the Indian market. Minimax provides varied variety of Fire Fighting Equipments to suit the needs of industrial, commercial and home environment. Minimax is an ISO 9001 company with all its products are marked by ISI. Minimax products are available throughout India through its strong distribution network.

Steelage Industries Ltd. originated as a manufacturer of equipment such as safes and lockers for the security market. It grew rapidly mainly because of outstanding quality and captive demand. It later acquired Minimax - a manufacturer of fire fighting equipment.

As a step towards providing quality security solutions Steelage Industries Ltd. in the year 1951 entered into technical collaboration with UK based Chubb Safes Group, who were acknowledged as world-wide leaders in security business safeguarding wealth in all major banks and commercial establishments.

Equity participation from Chubb Group in 1971 gave Steelage Industries Ltd. the green signal to make further forays into the Indian market. The partnership with Chubb Group also resulted in Steelage Industries Ltd. acquiring Minimax of India Ltd. 'Minimax' division, a highly reliable and trusted name in fire extinguishers under the brand name Minimax.

The growth of the Indian economy, in general, and growth of its banking network and industrial infrastructure in particular, helped Steelage Industries Ltd. to become an important and integral part of the security and safety-products market.

In 1975-76, a well-equipped factory for manufacture of fire-extinguishers and allied products was set up at Ambattur, near Chennai. Another new and modern industrial plant for manufacture of fire engines, trailer pumps and portable pumps was commissioned in July 1986 at Ambattur.

The growth of Indian economy saw the industrial infrastructure improve considerably leading to an increase in the need for fire-protection systems. In 1980, Fire Protection systems business was started under the brand name Minimax. Since then the Projects division undertakes projects related to installation of fire-detection, fire alarm, fire-extinguishing facilities for buildings and industrial complexes.

In March 2000, the Sweden-based Gunnebo Group acquired the ChubbSafes business. Gunnebo Group made a public offer for the remaining shares in Steelage Industries Ltd. and at the end of 2005 the name of the company was changed to Gunnebo India Ltd.

Thus Gunnebo India Ltd. became a subsidiary of the Gunnebo AB Group, Sweden and since then it is poised for greater integration and access to the latest developments in modern technologies that has provided a distinct competitive advantage to its products in the security solutions market.





Five Categories of Fire Extinguishers

Gunnebo India Ltd. through Business Line Fire Products offer Portable Fire Extinguishers, Mobile Fire Extinguisher, Portable/ Trailer Fire Pumps, Modular Fire Extinguishers, Extinguisher refills and accessories. These include various types of fire extinguishers like Dry Chemical Powder, Water CO₂, Mechanical Foam, Stored Pressure, Carbon Dioxide and Halotron 1. Other products include Hose Reel Drums, Delivery Hose Couplings, Branch Pipes, Gas Cartridges, Hydrant Valves, Double Headed Hydrant Valves, Fire Extinguisher Spares & Services.

■ Portable Fire Extinguishers

Water CO₂ (Hose Type)

Minimax Water CO₂, the classical fire extinguisher is best suited for combating fires involving solid organic carbonaceous material like wood, paper, plastic, cloth and rubber. Water knocks down fire rapidly by striking, instantly cooling and penetrating the most deepseated 'A' class fire. Minimax Water CO₂ extinguishers have a distinguishing feature of high performance deep drawn bodies, plastic coated gas cartidges & internal plastic coating.



Model	WCO ₂	Gas cartridge	40 gms CO ₂
Media	Water	Anti-corrosion inhibitor	Powder coated
Capacity	9 lit	Overall width	290mm approx.
Effective discharge	95% min.	Overall height	570mm approx.
Jet length	6m min.	Shell diameter	180mm
Discharge time	60sec. to 120sec.	Charged weight	14kg approx.
Test pressure	30kgf/cm ²	Temp. range	27 ± 5°C
Expansion space pressure	15kgf/cm ² max.	Operation method	Upright

Manufactured and marked to Indian Standard IS:940
Equivalent British Standard BSEN3
Suitable first aid appliance for fighting fires in Class A fire that is in wood, textile, paper etc.
Caution: Not to be used in live electrical installations

Water CO₂ (Nozzle Type)

Model	WCO ₂	Gas cartridge	40 gms CO ₂
Media	Water	Anti-corrosion inhibitor	Powder coated
Capacity	9 lit	Overall width	290mm approx.
Effective discharge	95% min.	Overall height	570mm approx.
Jet length	6m min.	Shell diameter	180mm
Discharge time	60sec. to 120sec.	Charged weight	14kg approx.
Test pressure	30kgf/cm ²	Temp. range	27 ± 5°C
Expansion space pressure	15kgf/cm ² max.	Operation method	Upright

Manufactured and marked to Indian Standard IS:940
Equivalent British Standard BSEN3
Suitable first aid appliance for fighting fires in Class A fire that is in wood, textile, paper etc.
Caution: Not to be used in live electrical installations



Mechanical Foam

Minimax Mechanical Foam is a powerful flame knockout agent for 'spill' fires involving flammable and volatile liquids like petrol, paints and other solvents. Minimax Mechanical Foam extinguishers form a thick blanket of foam over the burning surface, effectively cutting off the oxygen supply there by smothering the fire and preventing re-ignition. Mechanical Foam extinguishers are also effective against 'A' class of fire.

Minimax Mechanical Foam extinguishers have a distinguishing feature of high performance deep drawn bodies, plastic coated gas cartridges & internal plastic coating.

Model	MF-50	Gas cartridge	300 gms CO ₂
Media	AFFF	Anti-corrosive Treatment	Powder coated
Capacity	50 lit	Overall width	1125mm approx.
Effective discharge	90%	Shell diameter	320mm
Jet length	10m	Charged weight	100kg approx.
Discharge time	40sec. to 180sec.	Temp. range	53.002
Test pressure	30kgf/cm ²	Operation method	Upright
Thickness	3.15mm		

Manufactured and marked to Indian Standard IS:13386
Suitable first aid appliance for fighting fires in Class A & B fire that is Carbonaceous materials and non-polar flammable liquids.
Caution: Not to be used in live electrical installations



■ Portable Fire Pump

Portable Fire Pump

Minimax Lightweight Portable Fire Pump is the most essential fire-fighting equipment. This pump is suitable for small factories, railways / dock yards and areas where there are narrow lanes and where water is scarce.



- Features:
- Conforms to specification IS: 942
 - Cradle mounted.
 - Aircooled diesel engine with rope-starting mechanism.
 - Fitted with lightweight single stage centrifugal pump having one male round threaded 3" (75mm) suction intel and one 2 ½" (63mm) instantaneous female delivery outlet. Output:275 lpm @ 4kgf/cm².
 - Exhaust primer fitted capable of lifting water water from a depth of 7 mtrs in 45 seconds.
 - Approx. dimensions: 585mm x 555mm x 735mm (length x width x height).
 - Weight: 105 kg (including fuel and oil) appox.
 - Self-starting arrangement can be provided at extra cost.



Model	DP75
Media	Dry Powder (IS:4308)
Capacity	75 Kgs
Type of Nozzle	Squeeze grip
Effective discharge %	85% min
Jet lenght	10m min
Discharge time	50sec. to 60sec.
Test pressure	30kgf/cm ²
Expansion space pressure	15kgf/cm ² max.
Gas cylinder	2 kg CO ₂
Overall width	540mm
Overall height	1200mm
Shell diameter	382mm
Charged weight	160 kg approx.
Temp. Range	27 ± 5°C
Operation method	Upright
Thickness	4mm

Manufactured and marked to Indian Standard IS: 10658
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.



Water CO₂

Minimax Water Co₂, the classical fire extinguisher is best suited for combating fires involving solid organic carbonaceous material like wood, paper, plastic, cloth and rubber. Water knocks down fire rapidly by striking, instantly cooling and penetrating the most deepseated 'A' class fire. Minimax Water Co₂ extinguishers have a distinguishing feature of high performance deep drawn bodies, plastic coated gas cartridges & internal plastic coating.

Model	WCO ₂ 50	Gas cartridge	300 gms CO ₂
Media	Water	Anti-corrosive Treatment	Powder coated
Capacity	50 lit	Overall height	1200mm approx.
Effective discharge	95% min	Shell diameter	320mm
Jet length	10m min.	Charged weight	100kg approx.
Discharge time	60sec. to 180sec.	Operation method	Upright
Test pressure	30kgf/cm ²		
Expansion space pressure	14kgf/cm ² max.		
Thickness	3.15mm		

Suitable first aid appliance for fighting fires in Class A fire that is in wood, textile, paper etc.
Caution: Not to be used in live electrical installations.



Mechanical Foam

Minimax Mechanical Foam is powerful flame knockout agent for 'spill' fires involving flammable and volatile liquids like petrol, paints and other solvents. Minimax Mechanical Foam extinguishers form a thick blanket of foam over the burning surface, effectively cutting off the oxygen supply there by smothering the fire and preventing re-ignition. Mechanical Foam extinguishers are also effective against A & B class of fire.

Minimax Mechanical Foam extinguishers have a distinguishing feature of high performance deep drawn bodies, plastic coated gas cartridges & internal plastic coating.

Model	MF-9	Gas cartridge	60 gms CO ₂
Media	AFFF	Anti-corrosion inhibitor	Powder coated
Capacity	9 lit	Overall width	290mm approx.
Effective discharge	90% min.	Overall height	570mm approx.
Jet length	6m min.	Shell diameter	180mm
Discharge time	25sec. to 60sec.	Charged weight	14kg approx.
Test pressure	30kgf/cm ²	Temp. range	27 ± 5°C
AFFF 6%	540 ml	Operation method	Upright

Manufactured and marked to Indian Standard IS:10204
Equivalent British Standard BSEN3
Suitable first aid appliance for fighting fires in Class A & B fire that is carbonaceous materials and non-polar flammable liquids. Caution: Not to be used in live electrical installations



Dry Chemical Powder

Minimax Dry Chemical Powder extinguishers are versatile and highly effective against B & C class fires, specially for combating three dimensional or running fires involving inflammable liquids like petrols, paints and gasses. They can also be used on energized electrical equipments. Minimax Dry Chemical Powder extinguishers are made from high performance deep drawn bodies, which reduces the number of welding joints and increasing the usage life.



Model	DP5	Gas cartridge	120 gms CO ₂
Type	Open Nozzle	Anti-corrosion inhibitor	Epoxy polyester powder coating
Media	Dry Powder (IS:4308)	Overall width	250mm approx.
Capacity	5 Kg.	Overall height	515mm approx.
Effective discharge	85% min	Shell diameter	150mm
Jet length	4m min.	Charged weight	11kg approx.
Discharge time	15sec. to 20sec.	Temp. range	27 ± 5°C
Test pressure	30kgf/cm ²	Operation method	Upright
Expansion space pressure	15kgf/cm ² max.		

Manufactured and marked to Indian Standard IS:2171
Equivalent British Standard BSEN3
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids & gases.

Model	DP10	Gas cartridge	180 gms CO ₂
Types	Sq. Grip Nozzle	Anti-corrosion inhibitor	Epoxy polyester powder coating
Media	Dry Powder (IS:4308)	Overall width	280mm approx.
Capacity	10 Kg.	Overall height	560mm approx.
Effective discharge	85% min	Shell diameter	180mm
Jet length	6m min.	Charged weight	19kg approx.
Discharge time	23sec. to 30sec.	Temp. range	27 ± 5°C
Test pressure	30kgf/cm ²	Operation method	Upright
Expansion space pressure	15kgf/cm ² max.		

Manufactured and marked to Indian Standard IS:2171
Equivalent British Standard BSEN3
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids & gases.



ABC Stored Pressure

Minimax ABC Stored Pressure Dry Chemical Powder (mono ammonium phosphate) is an excellent fire extinguishing media against all classes of fire.

Model	DP(SP) 0.5	Anti-corrosion inhibitor	Epoxy polyester powder coating
Squeeze grip provided	Sq. Grip	Overall width	132mm approx.
Media	Dry Powder (ABC type)	Overall height	245mm approx.
Capacity	0.5 Kg.	Shell diameter	80mm approx.
Effective discharge	85% min	Charged weight	2.5kg approx.
Jet length	1.5mts	Operation method	Upright
Discharge time	5sec. to 8sec.	Charged Pressure	15kgf/cm ²
Test pressure	30kgf/cm ²		



Suitable first aid appliance for fighting fires in Class A, B & C fire that is wood, textile, flammable liquids, electrical & gases.



Model	DP(SP) 1	Anti-corrosion inhibitor	Epoxy polyester powder coating
Squeeze grip provided	Sq. Grip	Overall width	132mm approx.
Media	Dry Powder (ABC type)	Overall height	330mm approx.
Capacity	1 Kg.	Shell diameter	87mm
Effective discharge	85% min	Charged weight	2.5kg approx.
Jet length	2m min.	Temp. range	27 ± 5°C
Discharge time	8sec. to 10sec.	Operation method	Upright
Test pressure	30kgf/cm ²	Charged Pressure	15 kgf/cm ²

Manufactured and marked to Indian Standard IS:13849
Suitable first aid appliance for fighting fires in Class A, B & C fire that is wood, textile, flammable liquids, electrical & gases.

Model	DP(SP) 2	Anti-corrosion inhibitor	Epoxy polyester powder coating
Squeeze grip provided	Sq. Grip	Overall width	135mm approx.
Media	Dry Powder (ABC type)	Overall height	370mm approx.
Capacity	2 Kg.	Shell diameter	108mm
Effective discharge	85% min	Charged weight	4.2kg approx.
Jet length	2m min.	Temp. range	27 ± 5°C
Discharge time	8sec. to 10sec.	Operation method	Upright
Test pressure	30kgf/cm ²	Charged Pressure	15 kgf/cm ²

Manufactured and marked to Indian Standard IS:13849
Suitable first aid appliance for fighting fires in Class A, B & C fire that is wood, textile, flammable liquids, electrical & gases.



Model	DP(SP) 5	Anti-corrosion inhibitor	Epoxy polyester powder coating
Squeeze grip provided	Sq. Grip	Overall width	185mm approx.
Media	Dry Powder (ABC type)	Overall height	510mm approx.
Capacity	5 Kg.	Shell diameter	150mm
Effective discharge	85% min	Charged weight	9.6kg approx.
Jet length	4m min.	Temp. range	27 ± 5°C
Discharge time	15sec. to 20sec.	Operation method	Upright
Test pressure	30kgf/cm ²	Charged Pressure	15 kgf/cm ²

Manufactured and marked to Indian Standard IS:13849
Suitable first aid appliance for fighting fires in Class A, B & C fire that is wood, textile, flammable liquids, electrical & gases.

Mobile Fire Extinguishers

Dry Chemical Powder

Minimax Dry Chemical Powder extinguishers are versatile and highly effective against B & C class fires, specially for combating three dimensional or running fires involving inflammable liquids like petrols, paints and gases. They can also be used on energised electrical equipments. Minimax Dry Chemical Powder extinguishers are made from high performance deep drawn bodies, which reduces the number of welding joint s and increasing the usage life.



Model	DP25
Media	Dry Powder (IS:4308)
Capacity	25 Kgs
Type of Nozzle	Squeeze grip
Effective discharge %	85% min
Jet lenght	6m min
Discharge time	25sec. to 30sec.
Test pressure	30kgf/cm ²
Expansion space pressure	15kgf/cm ² max.
Gas cylinder	1 kg CO ₂
Overall width	325mm
Overall height	1100mm
Shell diameter	320mm
Charged weight	75 kg approx.
Temp. Range	27 ± 5°C
Operation method	Upright
Thickness	3.15mm

Manufactured and marked to Indian Standard IS: 10658
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.

Model	DP50
Media	Dry Powder (IS:4308)
Capacity	50 Kgs
Type of Nozzle	Squeeze grip
Effective discharge %	85% min
Jet length	8m min
Discharge time	40sec. to 50sec.
Test pressure	30kgf/cm ²
Expansion space pressure	15kgf/cm ² max.
Gas cylinder	2 kg CO ₂
Overall width	440mm
Overall height	1170mm
Shell diameter	382mm
Charged weight	135 kg approx.
Temp. Range	27 ± 5°C
Operation method	Upright
Thickness	4mm

Manufactured and marked to Indian Standard IS: 10658
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.



Halotron 1

Minimax Halotron 1 is a proven clean extinguishing agent that is effective on a wide range of fires. Since it is a clean agent, it does not leave a residue after application, and also minimises collateral damage to equipment within the peripheral area. This is unlike traditional dry chemical agents which can be corrosive when employed. Minimax Halotron 1 has undergone the most extensive testing of any halogenated clean agent for portable fire extinguishers since the initial submissions to various regulatory authorities in 1992. It is discharged as rapidly evaporating liquid, allowing for extended discharge throw lengths. Minimax Halotron 1 was approved for commercial/industrial and military use by the USA EPA based on environmental and health effect characteristics.



Model	Halotron-0.5
Media	Halotron Gas
Capacity	0.5kgs
Discharge time	5sec. to 8sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	65mm Dia approx
Overall height	245mm approx.
Operation method	Upright
Discharge Distance	1.5m
Charged weight	1.45 kgs approx.
Charged Pressure	15kgf/cm ²

Model	Halotron-1
Media	Halotron Gas
Capacity	1kgs
Discharge time	6sec. to 10sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	87mm
Overall height	270mm approx.
Operation method	Upright
Discharge Distance	2m
Charged weight	2.2 kgs approx.
Charged Pressure	15kgf/cm ²

Model	Halotron-1
Media	Halotron Gas
Capacity	1kgs
Discharge time	6sec. to 10sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	87mm
Overall height	270mm approx.
Operation method	Upright
Discharge Distance	2m
Charged weight	2.2 kgs approx.
Charged Pressure	15kgf/cm ²



Model	Halotron-2
Media	Halotron Gas
Capacity	2kgs
Discharge time	8sec. to 12sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	87mm Dia approx.
Overall height	320mm approx.
Operation method	Upright
Discharge Distance	2m
Charged weight	3.3 kgs approx.
Charged Pressure	15kgf/cm ²

Model	Halotron-2
Media	Halotron Gas
Capacity	2kgs
Discharge time	8sec. to 12sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	87mm Dia approx.
Overall height	320mm approx.
Operation method	Upright
Discharge Distance	2m
Charged weight	3.3 kgs approx.
Charged Pressure	15kgf/cm ²



Model	Halotron-5
Media	Halotron Gas
Capacity	5kgs
Discharge time	20sec. to 25sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	150mm Dia approx.
Overall height	410mm approx.
Operation method	Upright
Discharge Distance	3m
Charged weight	9 kgs approx.
Charged Pressure	15kgf/cm ²

Model	Halotron-5
Media	Halotron Gas
Capacity	5kgs
Discharge time	20sec. to 25sec.
Gas storage pressure (Nominal)	15kgf/cm ²
Cylinder diameter	150mm Dia approx.
Overall height	410mm approx.
Operation method	Upright
Discharge Distance	3m
Charged weight	9 kgs approx.
Charged Pressure	15kgf/cm ²



Model	DP(SP) 10	Anti-corrosion inhibitor	Epoxy polyester powder coating
Squeeze grip provided	Sq. Grip	Overall width	230mm approx.
Media	Dry Powder (ABC type)	Overall height	615mm approx.
Capacity	10 Kg.	Shell diameter	180mm
Effective discharge	85% min	Charged weight	16kg approx.
Jet length	6m min.	Temp. range	27 ± 5°C
Discharge time	23sec. to 30sec.	Operation method	Upright
Test pressure	30kgf/cm ²	Charged Pressure	15kgf/cm ²

Manufactured and marked to Indian Standard IS:13849
Suitable first aid appliance for fighting fires in Class A, B & C fire that is wood, textile, flammable liquids, electrical & gases.



Carbon Dioxide

Minimax Carbon Dioxide fire extinguishing media is highly effective against B & C class of fire. The extinguisher is made from seamless manganese cylinders approved by Chief Controller of Explosives, Nagpur.



Model	CO ₂ -2
Media	CO ₂
Capacity	2kgs
Discharge time	8sec. to 16sec.
Gas storage pressure	110 kgf/cm ²
Cylinder diameter	108mm
Overall height	550mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	7.6 kgs approx.
Test pressure	250kgf/cm ²

Model	CO ₂ -2
Media	CO ₂
Capacity	2kgs
Discharge time	8sec. to 16sec.
Gas storage pressure	110 kgf/cm ²
Cylinder diameter	108mm
Overall height	550mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	7.6 kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
Equivalent British Standard BSEN3.
Cylinders approved by Chief Controller of Explosives.
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.

Model	CO ₂ -3
Media	CO ₂
Capacity	3kgs
Discharge time	8sec. to 18sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	140mm
Overall height	540mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	13 kgs approx.
Test pressure	250kgf/cm ²

Model	CO ₂ -3
Media	CO ₂
Capacity	3kgs
Discharge time	8sec. to 18sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	140mm
Overall height	540mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	13 kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
Equivalent British Standard BSEN3.
Cylinders approved by Chief Controller of Explosives.
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.





Model	CO ₂ -4.5
Media	CO ₂
Capacity	4.5kgs
Discharge time	10sec. to 18sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	140mm
Overall height	710mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	17 kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
Equivalent British Standard BSEN3.
Cylinders approved by Chief Controller of Explosives.
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.



Model	CO ₂ -6.5
Media	CO ₂ (Trolly Mounted)
Capacity	6.5kgs
Discharge time	10sec. to 20sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	140mm
Overall height	940mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	22kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
Equivalent British Standard BSEN3.
Cylinders approved by Chief Controller of Explosives.
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.

Model	CO ₂ -9
Media	CO ₂ (Trolly Mounted)
Capacity	9kgs
Discharge time	15sec. to 36sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	140mm
Overall height	1225mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	38 kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
Equivalent British Standard BSEN3.
Cylinders approved by Chief Controller of Explosives.
Suitable first aid appliance for fighting fires in Class B & C fire that is flammable liquids, elect. & gases.



Model	CO ₂ -22.5
Media	CO ₂ (Trolly Mounted)
Capacity	22.5kgs
Discharge time	20sec. to 60sec.
Gas storage pressure	85 kgf/cm ²
Cylinder diameter	232mm
Overall height	1150mm approx.
Operation method	Upright
Temp. range	27 ± 5°C
Charged weight	66 kgs approx.
Test pressure	250kgf/cm ²

Manufactured and marked to Indian Standard IS: 2878.
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