

SAFE PRO®

FIRE SERVICES PVT. LTD.

Faster than fire

























































































































◆ INTRODUCTION ◆

Established In The Year 2000 Under The Brand Name SAFEPRO, Now Recognized As SAFEPRO FIRE SERVICES PVT LTD, An ISO 9001:2015 Certified Prominent Manufacturer and Supplier For Premium Range Of Fire Protection Systems & Accessories Confirming to Indian Standards and Other Relevant Standards. Also "an Approved Licensed Agency for Directorate of Maharashtra Fire Services".

We Have Emerged To Become One Of The Trusted & Most Innovative Manufacturer Of Portable, Trolley & Trailer Mounted Fire Extinguishers & Gas Cartridges, Also Fire Alarm And Hydrant Systems, Fire Detection & Suppression System, And Many Other Similar Products For Commercial & Industrial Applications. SAFEPRO Brand Is Renowned For The Quality Of Its Product & Reliability Of Services.

We Have Earned Reputation For Excellence In The Fire Protection Industry. Our Policy Of Continual Investment In State-Of-Art Technology & Innovative Products Development Allows Us To Offer Unique Brand & High Quality Products At Great Value.

We have Acquired All the Necessary Infrastructure, Licenses and Established Two Full Fledged Manufacturing Plants Located at Narayan Nagar, Ghatkopar (W), Mumbai, Maharashtra and Bhiwandi, Thane, Maharashtra. The Production Capacity of Both The Plants Are More Than 1500 Units per Day. When It Comes To Product Development, We Seek To Be At The Forefront Of Best Practice, Always Anticipating Changes Within The Fire Protection Industry. We Have Our Own Dedicated Industrial Gas Filling Plant, Located At Digha MIDC, Navi Mumbai

To Ensure Our Clients and Customers Get the Highest Quality Fire Protection Equipments, All Our Products Undergo Rigorous In-House Testing At All Stages of Production. Third Party Testing Also Available, On Demand.

SAFEPRO Brand Is Managed By Highly Qualified Management Team & Acquires In-House Excellent Engineering Skills, Project Team & Quality Control With Well Equipped Lab. Our Good Reputation Is Supported By Many Years Of Proven Performance In Serving Our Esteemed Clients. We Continue To Achieve Total Quality In Fire Protection Solutions That Are So Special & Valuable For Our Customer Satisfaction.

Do Visit Us On www.safeprofire.com

SAFE PRO FIRE SERVICES PVT. LTD.







VISION

SAFEPRO FIRE SERVICES PVT LTD. aspires to be recognized as a forefront global leader and synonymous for saving lives and protecting properties in the fire and safety sector.



MISSION

SAFEPRO FIRE SERVICES PVT LTD, is committed to raise the bar of excellence in the area of services, products and quality. We believe in endeavoring our commitment by upholding the highest ethical standard, commitment & integrity.



VALUES



- Safety for Anything and Everything.
- Flexibility.
- Consistency.
- Reliability.
- Integrity and Ethics.



Our state of art manufacturing setups and strategically placed branch offices across India and abroad makes us the most preferred company in the country for contract manufacturing.



AREA OF APPLICATION

- Pharmaceutical sector
- Govt. sector
- Industrial sector
- Banks
- Commercial malls
- Oil & Gas Sector

- Defence sector
- Residential apartments
- Transportation sector
- Warehouses
- High-rise buildings
- Power Sector



FIRE DETECTION & SUPPRESSION SYSTEM (FDSS)

AUTOMATIC FIRE SUPPRESSION SYSTEM FOR VEHICLE

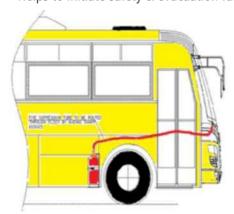
Fire Detection with Automatically and Manually Operated Fire Suppression System. Fire Detection and Suppression System. As per AIS 135. Includes :-

- Fire detectors.
- Fire indicator & control panel.
- Manual actuation mechanism.
- Fire alarm & visual indicator.
- Fire extinguishing agent container.
- Discharge pipe work and nozzles.

This is an engineered fire suppression system which delivers the best results when it comes to risk reduction. The system is a combination of fire detection and suppression system in one complete package. The fire detection system is designed to be both manual and automatic operation. This means that an operator or the specially designed fire sensing device can actuate the system by itself. The discharge system is engineered to the vehicle's engine bay with the sole purpose of reducing the risk and limiting the possibility for re-ignition, thus protecting the lives of onboard passengers.

Benefits of the system :-

- Full 24/7 monitoring of the heat detection sensor and cylinder pressure.
- Rapid detection of a fire.
- Initiates an alarm signal.
- Automatically activates discharge process of extinguishing agent. • Manual activation of discharge and extinguishing agent.
- Helps to initiate safety & evacuation functions.





AUTOMATIC FIRE SUPPRESSION SYSTEM FOR ELECTRICAL PANEL/ SERVER ROOM

Property protection and small extinguishing systems (e.g. for electrical panels, server racks, engine rooms and tool machinery) have spot-on and prompt effects. The key to this is represented by our fire tube (pneumatic sensor hoses) which can be installed flexibly in the building or danger area,

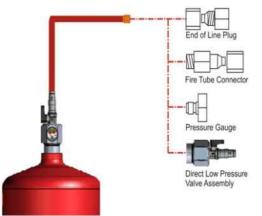
are practically immune to malfunctions and do not require any external power supply. They are as simple as they are ingenious. In the event of fire, the fire tube bursts at the Hottest spot. The loss in pressure causes the valve to open and release the fire extinguishing agent. The practical thing about this principle is that the detection feature can also be secured in the immediate vicinity of a potential fire source. This means that a fire can be detected during its emergent phase, i.e. during the

first few seconds. And this "baby fire" can then be easily put out even using a small fire-extinguishing system, the size of which can be adapted to the respective danger potential.



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GAS BASED FIRE SUPPRESSION SYSTEM

safe pro

(NOVEC – 1230 / FK 5-1-12)

Novec 1230 fire protection fluid is based on a proprietary chemistry from 3M called C6-fluoroketone; it is also known as FK 5-1-12 — the way it is designated in NFPA 2001 and ISO 14520 clean agent standards.

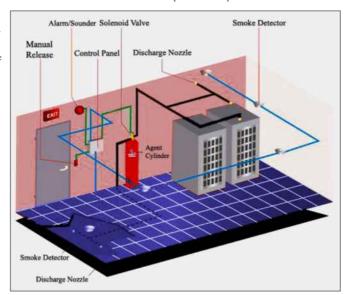
Although it is a liquid at room temperature it gasifies immediately after being discharged in a total flooding system.

In the shop, Novec 1230 fluid is easier to use than pressurized gas. Simply transfer the fluid from the container to the system cylinder, using a simplified closed loop process to avoid contamination. Then, super pressurize the cylinder with nitrogen.

The product is ideal for use in total flooding applications, localized flooding systems, directional spray type applications and may be used in portable extinguishers for specialized applications.

NOVEC System has the widest margin of safety because its use concentration is much lower than its No Observable Adverse Effects Level (NOAEL)

Novec 1230 fluid offers a longterm, sustainable technology that has the greatest margin of safety, the lowest GWP for halocarbon alternatives, and zero ozone depletion potential.



FM-200/HFC-227ea

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FM-200/HFC-227ea is an odourless, colourless, liquefied compressed gas. It is stored as a liquid and dispensed into the hazard as a colourless, electrically nonconductive vapour that is clear and does not obscure vision.

It leaves no residue and has acceptable toxicity for use in occupied spaces at design concentration.

FM-200/HFC-227ea extinguishes a fire by a combination of chemical and physical mechanisms.

FM-200/HFC-227ea's mechanism of extinguishing fires is considered active. Its primary action is through physically cooling the fire at the molecular level.

FM-200/HFC-227ea belongs to the same class of agents used in the refrigeration industry; therefore, it is an efficient heat transfer agent. FM-200/HFC-227ea removes the thermal energy from the fire to the extent where the combustion reaction cannot sustain itself.

THE FOLLOWING ARE TYPICAL HAZARDS PROTECTED BY FM-200/HFC-227ea SYSTEMS:

- Computer rooms
- Document store
- Tape/DATA storage
- Telecommunication/Switchgear
- Vaults
- Process equipment
- All normally occupied or unoccupied electronic areas where equipments are either very sensitive or irreplaceable.

FIRE SUPPRESSION SYSTEM

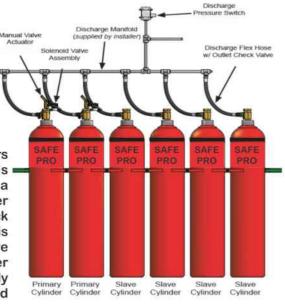


CO2 FLOODING SYSTEM

CO2 is a colorless gas with a density about 60% higher than that of dry air. Considered as best extinguishing gas. It suppress oxygen by eliminating heat, CO2 is most effective as a fire extinguishing agent.

NFPA -12 Rules and BIS 6382 Codes for design of such system are used as standard for CO2 Extinguishing or flooding system. CO2 gas generally stored in high pressure seamless steel cylinders is in liquid form with maximum filling ratio of 0.667 Kg/Ltr of cylinder volume.

In order to the fire hazard CO2 cylinders
Quantity varies. On large hazards
where several cylinders are required a
manifold is used to connect each other
by means of flexible hose and check
valve. The cylinder's master valve is
electronically operated and the slave
valve is pressure actuated. The master
valve can be automatically or manually
operated. Flow rate of CO2 is controlled



APPLICATION:

Most ideal for protecting paint and varnish manufacturing process area. For LT panels, control rooms (Power Plant), Powder coating and paint booths, transformers and substations, rolling mills and turbines, false floors and cable shafts, etc...

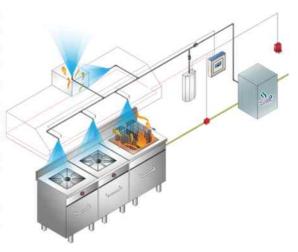
SAFEPRO Carbon Dioxide Fire Protection System offers a unique high pressure that minimizes the potential loss of lives and properties by acting in lowering the fire temperature and reducing oxygen level below reignition point. CO2 Cylinders are made of seamless steel and available in various capacities. Cylinders, combined with other system parts provide a comprehensive system suitable for total flooding and local application scenarios.

KITCHEN - WET CHEMICAL BASED

Kitchen fires are some of the fiercest and most difficult fire to fight and diminish. Fire hazard risk is very dangerous in commercial kitchen. Kitchen fire is generally due to burning of oil. In any kitchen there are inflammables like LPG on the premises, this aggravates the danger considerably. Kitchen; be it of a small café or a large industrial kitchen SAFEPRO kitchen fire suppression system is equipped & ready to protect. Our fire extinguishers are wet chemical based and are specially designed to fight cooking oil fire arising in the kitchen with no flooding related collateral damage.

The SAFEPRO Fire kitchen suppression system is designed for fire protection in hoods & ducts of cooking appliances & commercial kitchen and restaurants. SAFEPRO kitchen fire suppression system consists of wet agent tank enclosed in S.S mounting box, temperature rated sensors, linear heat sensing cable, control panel, nozzles & piping. The system can be provided with automatic actuation or manual actuation through a remote manual pull station. As the fire is detected, the control panel activates the system and the

When the liquid agent is discharged onto a cooking appliance fire, it cools the grease surface, and reacts with the hot grease (saponification) forming a layer of soap-like foam on the surface of the fat. Upon actuation, agent is discharged onto the hazard area. Immediately following discharge, the waterline system is activated and it allows water to flow onto the same hazard areas. continually refurbishing the foam blanket and cooling the hot appliance to prevent reignition.



KITCHEN FIRE EXTINGUISHERS

9 Ltr.



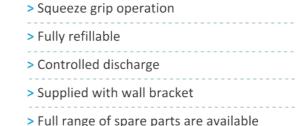
WET CHEMICAL (K - CLASS)

SAFEPRO's Kitchen Fire Extinguisher offers an distinctive unique feature by reacting chemically with cooking oil or fats (Saponification) & forms a non-combustible layer on surface, thereby provides a very fast flame knock down & complete securement of grease related fires. High reactivity of chemicals, reduces fire intensity of oil immediately and also it does not produce any hazardous by-products due to fire or reaction with burning oil. Ease of post fire clean up. Totally non-corrosive product.

AVAILABLE IN VARIOUS CAPACITIES AND VARIANTS : STAINLESS STEEL CYLINDERS AND STANDARD MILD STEEL CYLINDERS







MODEL	SPF-2K	SPF-4K	SPF-6K	SPF-9K
CYLINDER MATERIAL	MS/S.S	MS/S.S	MS/S.S	MS/S.S
CAPACITY (Ltrs.)	2 Ltrs.	4 Ltrs.	6 Ltrs.	9 Ltrs.
EXTINGUISHING MEDIUM	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL
DISCHARGE TIME (Sec.)	More than 8 Sec.	More than 13 Sec.	More than 13 Sec.	More than 13 Sec.
DISCHARGE RANGE (Meters)	More than 2 Mtrs.	More than 2 Mtrs.	More than 2 Mtrs.	More than 2 Mtrs.
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN

ABC STORED PRESSURE



POWDER

Stored Pressure, 1kg, 2kg, 4kg, 6kg and 9kg

Powder fire extinguishers are ideal for use on Class A, B and C Fire Risks. The SAFE PRO Powder fire extinguishers are available in 1kg, 2kg,4kg, 6kg and 9kg standard versions











> ISI Marked
> 1 year warranty
> Safe for use on live electrical equipment
> Squeeze grip operation
> Fully refillable
> Controlled discharge



> Full range of spare parts are available

> Supplied with wall bracket

MODEL	SPF -1ABC	SPF -2ABC	SPF -4ABC	SPF -6ABC	SPF -9ABC
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	1	2	4	6	9
FIRE RATING	1A 21B	1A 34B	2A 55B	3A 89B	4A 144B
EXTINGUISHING MEDIUM	POWDER	POWDER	POWDER	POWDER	POWDER
TEMPERATURE RANGE	-30°c to + 60° c	-30°c to + 60° c	-30°c to + 60° c	-30°c to + 60° c	-30°c to + 60° c
DISCHARGE TIME (Sec.)	MORE THAN 08 sec.	MORE THAN 08 sec.	MORE THAN 13 Sec.	MORE THAN 13 sec.	MORE THAN 13 sec.
DISCHARGE RANGE (Meters)	MORE THAN 02 _{Mtrs} .	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.
OPERATING PRESSURE	15 BAR	15 BAR	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN

ABC CARTRIDGE & STORED PRESSURE TYPE



POWDER

Dry chemical powders are important fire fighting agents. The main advantage is practically immediate success of extinguishing a fire. Furthermore one can use dry powders for extinguishing large scale fires, spillage fires and three dimensional fires.

> Squeeze grip operation > Fully refillable > Controlled discharge > Supplied with wall bracket

> Safe for use on live electrical equipment

> Full range of spare parts are available

> ISI Marked

> 1 year warranty

IS:15683:2018

ABC Cartridge Type



ABC Stored pressure Type













MODEL	SPF- 6ABC CT	SPF- 9ABC CT	SPF- 4ABC HQ	SPF- 6ABC HQ	SPF- 9ABC HQ
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	6	9	4	6	9
FIRE RATING	3A 89B	4A 144B	3A 89B	4A 144B	6A 233B
EXTINGUISHING MEDIUM	POWDER	POWDER	MAP 90%	MAP 90%	MAP 90%
TEMPERATURE RANGE	-30°c to + 60° c				
DISCHARGE TIME (Sec.)	MORE THAN 13 sec.				
DISCHARGE RANGE (Meters)	MORE THAN 02 Mtrs.				
OPERATING PRESSURE	15 BAR				
TEST PRESSURE	35 BAR				
EXPELLANT	CO 2	CO 2	NITROGEN	NITROGEN	NITROGEN
Co2 CARTRIDGE CAPACITY (grams)	120	200	_	_	_

BC STORED PRESSURE & CARTRIDGE TYPE

DCP POWDER

Stored Pressure & Cartridge type 4kg, 6kg and 9kg

DCP Powder fire extinguishers are ideal for use on Class, B and C Fire Risks. The SAFE PRO Powder fire extinguishers are available in 4kg, 6kg and 9kg standard versions. This model is designed to extinguish 'B' and 'C' type fires involving material like Petro Chemical products, Paints, Resins, Pigment, Varnish, Gases in the compressed form like Oxygen, Acetylene, LPG, & CNG.

BC Cartridge Type



BC Stored pressure Type









> 19

> 1 year warranty

> Safe for use on live electrical equipment

> Squeeze grip operation

> Fully refillable

> Controlled discharge

> Supplied with wall bracket

> Full range of spare parts are available

ISI Marked	
	Faster than fire



MODEL	SPF -6BC	SPF -9BC	SPF -4CTBC	SPF -6CTBC	SPF -9CTBC
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	6	9	4	6	9
FIRE RATING	89B	233B	55B	89B	144B
EXTINGUISHING MEDIUM	As Per IS 4308				
TEMPERATURE RANGE	-30°c to + 60°c				
DISCHARGE TIME (Sec.)	MORE THAN 13 Sec.				
DISCHARGE RANGE (Meters)	MORE THAN 02 Mtrs.				
OPERATING PRESSURE	15 BAR				
TEST PRESSURE	35 BAR				
EXPELLANT	NITROGEN	NITROGEN	Co2	Co2	Co2
Co2 CARTRIDGE CAPACITY (grams)	_	_	120	120	200

CO2 TYPE FIRE EXTINGUISHERS

safe pro

CARBON DIOXIDE Portable Type

Carbon Dioxide fire extinguishers are ideal for use on Class B Fire Risks. The SAFE PRO carbon dioxide fire extinguishers are available in 2kg, 3kg, and 4.5kg standard Version.









> ISI Marked Faster than fire

> 1 year warranty

> Safe for use on live electrical equipment

> Fully refillable

> Controlled discharge

> Supplied with wall bracket

> Full range of spare parts are available

MODEL	SPF-2CO ₂	SPF -3CO ₂	SPF -4.5CO ₂
CYLINDER MATERIAL	Mn	Mn	Mn
CAPACITY (KG)	2	3	4.5
FIRE RATING	21B	34B	55B
EXTINGUISHING MEDIUM	CO ₂ Gas IS 15222	CO ₂ Gas IS 15222	CO ₂ Gas IS 15222
TEMPERATURE RANGE	-30°c to + 60°c	-30°c to + 60° c	-30°c to + 60° c
DISCHARGE TIME(Sec.)	MORE THAN 08 sec.	MORE THAN 08 sec.	MORE THAN 08 sec.
DISCHARGE RANGE (Meters)	MORE THAN 01 Mtrs.	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.
TEST PRESSURE	250 BAR	250 BAR	250 BAR

MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

FOAM

Foam fire extinguishers are ideal for use on Class A and B Fire Risks. The SAFE PRO Foam fire extinguishers are available in 6ltr and 9ltr standard models.

Stored Pressure Type



9 Ltr.



Cartridge Type



9 Ltr.



> ISI Marked Faster than fire

> 1 year warranty

> Controlled discharge

> Supplied with wall bracket

> Full range of spare parts are available



MODEL	SPF-9MF	SPF-9MFCT
CYLINDER MATERIAL	M.S.	M.S.
CAPACITY (Ltr.)	9	9
FIRE RATING	4A :144B	4A :144B
EXTINGUISHING MEDIUM	AFFF FOAM IS 4989	AFFF FOAM IS 4989
TEMPERATURE RANGE	+5°c to + 60°c	+5°c to + 60°c
DISCHARGE TIME (Sec.)	MORE THAN 13 sec.	MORE THAN 13 sec.
DISCHARGE RANGE (Meters)	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.
OPERATING PRESSURE	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR
EXPELLANT	NITROGEN	Co ₂
Co2 CARTRIDGE CAPACITY (grams)	_	60

WATER TYPE FIRE EXTINGUISHERS

safe pro

WATER

Water Fire Extinguishers are ideal for extinguishing Class A Fires. The SAFE PRO Water Fire Extinguishers are perfect for use in a range of applications including offices and warehouses and the extinguishent is just pure water making the fire extinguishers extremely Environmentally friendly and quick and simple to discharge test.

WOOD CLOTH PLASTICS FTC

Cartridge Type



9 Ltr.

Stored Pressure Type

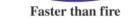


9 Ltr.

- > ISI Marked
- > 1 year warranty
- > Easy to read pressure gauge
- > Supplied complete with wall mounting bracket

> High quality corrosion resistant finish

> Full range of spare parts available





MODEL	SPF-9W	SPF-9WCT
CYLINDER MATERIAL	M.S.	M.S.
CAPACITY (Ltr.)	9	9
FIRE RATING	3A	3A
EXTINGUISHING MEDIUM	WATER	WATER
TEMPERATURE RANGE	+5°c to + 60°c	+5°c to + 60°c
DISCHARGE TIME (Sec.)	MORE THAN 13 Sec.	MORE THAN 13 Sec.
DISCHARGE RANGE (Meters)	MORE THAN 02 Mtrs.	MORE THAN 02 Mtrs.
OPERATING PRESSURE	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR
EXPELLANT	NITROGEN	Co ₂
Co2 CARTRIDGE CAPACITY (grams)	_	60

CLEAN AGENT FIRE EXTINGUISHERS

CLEAN AGENT TYPE

Stored Pressure 2 kg, 4 kg & 6 kg Fire Extinguishers

Safe to use on all your sensitive equipment, the Clean Agent Extinguisher brings you the added benefit of being the world's most advanced, and by far the most eco-friendly extinguisher Clean Agent Extinguishers leave no residue, packed in mega power and are absolutely safe for use on any sensitive electronic equipment.

> 1 year warra	anty	 	 				 	
> Squeeze gri	operation							
> Fully refillab	le	 		_	 	-	 -	-
> Controlled o	lischarge	 	 		-		-	

CM/L: 2

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IS:15683:2018

> Full range of spare parts are available

> Supplied with wall bracket











MODEL	SPF-2CA	SPF-4CA	SPF-6CA
CAPACITY	2KGS	4KGS	6KGS
FIRE RATING	1 A : 21 B	2 A : 34 B	2 A:55 B
OPERATING TEMPERATURE	-30°c to + 60°c	-30°c to + 60°c	-30°c to + 60°c
MIN. JET LENGTH (IN MTRS)	More than 2 Mtrs.	More than 2 Mtrs.	More than 2 Mtrs.
DISCHARGE PERCENTAGE	90%	90%	90%
DISCHARGE TIME (Sec.)	More than 8 Sec.	More than 13 Sec.	More than 13 Sec.
CHARGE PRESSURE	15 BAR	15 BAR	15 BAR
TEST PRESSURE	35 BAR	35 BAR	35 BAR
OPERATING VALVES	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE	SQUEEZE GRIP TYPE
EXTINGUISHER MEDIA	CLEAN AGENT	CLEAN AGENT	CLEAN AGENT

SAFE PRO FIRE PROTECTION SYSTEMS

SAFEPRO TWIN TROLLEY:

The system consists of 2 nos of 6.5 KG CO2 cylinders and 1 nos of 2KG Dry Chemical Powder Fire Extinguisher mounted firmly on a trolley duly interconnected using a manifold for unified discharge mechanism, equipped with high pressure reinforced hose and a special applicator horn nozzle for ease of handling. Ideal for flammable liquids, High Electrical hazard, and difficult to reach type of fire such as Transformer stations, Air force stations and to any other to places where it is normally not possible for firemen to reach in case of any such incidents.

IS No.	16018
Fire Rating	55B / (89B for 22.5kg)
Operating Temperature	-30 to +55 degree Celsius
Min. Jet Length (in mtrs)	2 Mtrs.
Discharge Percentage Min.	95%
Discharge Time.	more than 15 Seconds
Test Pressure	250 Kgf / cm ²
Operating Valves	Wheel Type
Extinguisher Media	Co2 Gas IS: 15222
Expellant	Self (CO2)
Cylinder	Seamless IS: 7285
Painting	Enamel Paint IS:5



Available in 6.5 Kg, 9 Kg and 22.5 Kg versions.

FIRE EXTINGUISHER FOR D-CLASS METAL FIRES:

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TEC Powder - D-CLASS Powder

Metal fires pose special problems to the fire fighting operations. Water or foam cannot be used as fire extinguishing agent because many metals react violently with water even at room temp. Ordinary dry chemical powders are not suitable for fighting metal fires. TERNARY EUTECTIC CHLORIDE is developed, registered & patented by ISRO, Dept. of Space-Govt of India suitable for all Class D fire risk including light metals like Li, Na, K, Mg, etc and their alloys. It may be used even for small oil fires.



TYPE 'D' FOR

COMBUSTIBLE METALS



These extinguishers are available in different sizes and capacities.

MODULAR TYPE FIRE EXTINGUISHERS



AUTOMATIC CEILING MOUNTED FIRE EXTINGUISHERS

Automatic fire extinguishers are ideal for use in unoccupied rooms or areas and can be used to provide fire safety protection in an enclosed space.











- > Available with ABC Powder, Water and Clean Agent gas Extinguishers
- >Supplied complete with temperature activation bulb (68°C) which activates the fire extinguisher when the temperature is reached
- >Wide range of uses including unattended areas, storage rooms, server rooms, engine compartments.

MODEL	SPF-M02	SPF-M05	SPF-M10	SPF-M15
CAPACITY	2 KG	5 KG	10 KG	15 KG
DESIGN	Ceilling mounted	Ceilling mounted	Ceilling mounted	Ceilling mounted
AVERAGE DISCHARGE TIME	4-5 sec	6-8 sec	10-15 sec	15-20 sec
HANGING HEIGHT ABOVE RISK	1.5 Mtr	1.5 to 2 Mtr	1.75 to 2.25 Mtr	2 to 3 Mtr
AERA PROTECTION	1 to 1.5 m²	2 to 2.5 m ²	4 to 5 m ²	5 to 6 m²
VOLUME PROTECTION	2.5 m ³	6 m³	10 m³	15 m³
AVERAGE % DISCHARGE	99%	99%	99%	99%
OPERATING TEMPERATURE	68°C	68°C	68°C	68°C
SERVICE / TEST PRESSURE	15 / 35 BAR			
EXPELLING AGENT	Nitrogen / Clean Agent	Nitrogen / Clean Agent	Nitrogen / Clean Agent	Nitrogen / Clean Agent



DRY CHEMICAL POWDER ABC TYPE

SAFE PRO fire wheeled extinguishers are available in ABC Powder and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.







1	ka
	nu.

50 kg.

75 kg.









CAPACITY	25 kg Outside Cartridge type	25 kg Inside Cartridge type	50 kg Outside Cartridge type	75 kg Outside Cartridge type
TYPE	Wheeled DCP ABC type	Wheeled DCP ABC type	Wheeled DCP ABC type	Wheeled DCP ABC type
IS NO.	IS 16018	IS 16018	IS 16018	IS 16018
FIRE RATING	20A 233B	20A 233B	20A 233B	20A 233B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
MIN.JET LENGTH (IN MTRS)	More Than 6 Mtrs.	More Than 6 Mtrs.	More Than 6 Mtrs.	More Than 6 Mtrs.
DISCHARGE PERCENTAGE	85%	85%	85%	85%
DISCHARGE TIME	More Than 30 sec.	More Than 30 sec.	More Than 30 sec.	More Than 30 sec.
CHARGE PRESSURE	1.8Mpa	1.8Mpa	1.8Mpa	1.8Mpa
TEST PRESSURE	3.0 Mpa	3.0 Mpa	3.0 Mpa	3.0 Mpa
EXTINGUISHER MEDIA	Dry powder As per IS 14609	Dry powder As per IS 14609	Dry powder As per IS 14609	Dry powder As per IS 14609
EXPELLANT	Co2	Co2	Co2	Co2
LENGTH OF HOSE PIPE	2 mtrs.	2 mtrs.	4 mtrs.	4 mtrs.



DRY CHEMICAL POWDER BC TYPE

SAFE PRO fire wheeled extinguishers are available in BC Powder and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.







25 kg.



50 kg.



LIVE ELECTRICAL FOLIPMENTS

Faster than fire

CARBON DIOXIDE TYPE (CO₂)

SAFE PRO fire wheeled extinguishers are available in CO₂ versions and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.













CAPACITY	6.5 kg	9 kg	22.5 kg
ТҮРЕ	Wheel type CO ₂	Wheel type CO ₂	Wheel type CO ₂
IS NO.	IS 16018	IS 16018	IS 16018
FIRE RATING	55B	55B	89B
OPERATING TEMPERATURE	-30° C TO +55° C	-30° C TO +55° C	-30° C TO +55° C
MIN.JET LENGTH (IN MTRS)	More than 2 Mtrs.	More than 2 Mtrs.	More than 2 Mtrs.
DISCHARGE PERCENTAGE	95%	95%	95%
DISCHARGE TIME	More than 15 Sec.	More than 15 Sec.	More than 15 Sec.
OPERATING VALVE	Wheel type	Wheel type	Wheel type
TEST PRESSURE	25 Mpa	25 Mpa	25 Mpa
EXTINGUISHER MEDIA	Co2 Gas as per IS 15222	Co2 Gas as per IS 15222	Co2 Gas as per IS 15222
EXPELLANT	CO2	CO ₂	CO ₂
LENGTH OF HOSE PIPE	2 Mtrs.	2 Mtrs.	2 Mtrs.



WATER

FOAM / WATER BASED TYPE

SAFE PRO fire wheeled extinguishers are available in Foam / Water based versions and offer exceptional value for money as well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO wheeled extinguishers are ideal for use in a wide range of commercial and industrial applications.













MECHANICAL FOAM

CAPACITY	ALTERNATIVE STATE OF THE STATE	1900-000-00-00-00-00	
CAPACITY	45 liter	45 liter	
YPE	Foam based	Water based	
5 NO.	IS 16018	IS 16018	
IRE RATING	20A 233B	20A	
PERATING EMPERATURE	+5° C TO +55° C	+5° C TO +55° C	
/IN.JET LENGTH IN MTRS)	More than 6 Mtrs.	More than 6 Mtrs.	
DISCHARGE PERCENTAGE	95%	95%	
DISCHARGE TIME	More than 30 Sec.	More than 30 Sec.	
PERATING PRESSURE	1.8Mpa	1.8Mpa	
EST PRESSURE	3.0 Mpa	3.0 Mpa	
XTINGUISHER MEDIA	AFFF Foam As per IS 4989	Water	
XPELLANT	CO ₂	CO ₂	
XPELLANT CAPACITY	300 gms	300 gms	
ENGTH OF HOSE PIPE	4 mtrs.	4 mtrs.	

SHORT BRANCH PIPE WITH NOZZLE

TECHNICAL SPECIFICATION

Size of Branch Pipe: 63 mm

Size of Nozzles: 6mm, 12 mm, 15 mm, 20 mm and 25mm Material: Gun metal / Stainless / Aluminium Allov

Conforming Specification: IS 903:1993

PERFORMANCE TEST

Hydraulic Test: Tested at 21 Kgf / cm2 Working Pressure: 7kgf / cm2

Finish: Natural Polished

Halogram: Sticker Stuck on Nozzle



TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL IS : 3444	LTB 2 IS: 318	IS 617
RUBBER WASHER	IS: 937 (TYPE-B)	IS: 937 (TYPE-B)	IS: 937 (TYPE-B)

SWINGING TYPE WALL MOUNTED FIRST AID HOSE REEL DRUM

TECHNICAL SPECIFICATION

Conforming to: IS:884/1958

Size: Inlet: 1" Threaded Inlet Connection Type: Swinging 180° Wall Mounting

Outlet: 3/4", 1", 1-1/2" outlet connection for House to

accommodate 30 Mtrs. Hose



PERFORMANCE TEST

Hydraulic Test: Tested at 21 Kgf/cm2 Range & Water Flow rate test at 7Kgf / cm2

(A) Discharge: 24 LPM

(B) Range (Jet Lenght): 6 Mtr (Min) Halogram: Sticker Stuck On Wheel

HUB SIDES & WALL BRACKET	M.S. SHEET OF IS: 513
SWIVELJOINT	LBT - 2 OF IS : 318
PIPE WITH FITTING	STEEL OF IS: 1239 PART 1
NOZZLE	IS:8090
HOSE REEL TUBING	THERMOPLASTIC HOSE CONFIRMING TO IS: 12585 RUBBER HOSE CONFIRMING TO IS: 444

OBLIQUE TYPE LANDING VALVE

(Type"A") ISI Marked

TECHNICAL SPECIFICATION

STAINLESS STEEL

STAINLESS STEEL

IS: 3444

STAINLESS STEEL

IS: 6603

15:210

IS: 937 (TYPE-A)

STAINLESS STEEL

IS: 6528

IS: 4687 (TYPE-3)

GUN METAL

LTB 2

IS:318

BRASS ROD

IS: 319/320

IS: 210

IS: 937 (TYPE-A)

PHOSPHORUS WIRE

IS: 7608

Size: 63 mm

Inlet: 80 mm NB Flanged Outlet: Female Instantaneous

TYPE OF MATERIAL

BODY, ASSEMBLY

VALVE SPINDLE

CAST IRON WHEEL

RUBBER WASHER

GLAND PACKING-

ASBESTOS THREAD

SPRING

Comforming Specification: IS: 5290: 1993

PERFORMANCE TEST

Hydraulic Test: 21 Kgf/cm2 Water Tightness Test: 15 Kgf/cm2



ALUMINUM

IS

617

STAINLESS STEEL

IS: 6603

IS: 210

IS: 937 (TYPE-A)

STAINLESS STEEL

IS: 6528







Faster than fire

Stainless Steel



Aluminum

Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on Landing Valve

DOUBLE OUTLET LANDING VALVE

IS: 4687 (TYPE-3) IS: 4687 (TYPE-3)

(Type"B") ISI Marked

TECHNICAL SPECIFICATION

Size: 63 mm

Inlet:100 mm NB Flanged Outlet: Female Instantaneous Material: Gun Metal / Stainless Steel Comforming Specification: IS: 5290: 1993

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL
BODY, ASSEMBLY	STAINLESS STEEL IS: 3444	LTB 2 IS: 318
VALVE SPINDLE	STAINLESS STEEL IS: 6603	BRASS ROD IS: 319/320
CAST IRON WHEEL	IS: 210	IS: 210
RUBBER WASHER	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)
SPRING	STAINLESS STEEL IS: 6528	PHOSPHORUS WIRE IS: 7608
GLAND PACKING-	IS: 4687 (TYPE-3)	IS: 4687 (TYPE-3)

PERFORMANCE TEST

Hydraulic Test: 21 Kgf/cm2 Water Tightness Test: 14 Kgf/cm2 Flow Test: 1800 LPM at 7 Kgf/cm2





Gun Metal

Stainless Steel

Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on Landing Valve

AUTOMATIC SPRINKLER







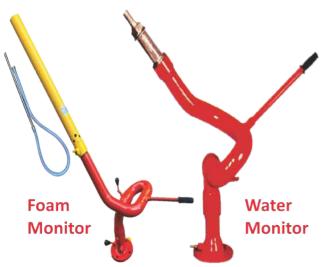
Pendent Type



Upright Type

TEMPERATURE RATING	155° F/68° C		
GLASS BULB COLOUR	RED		
THREAD SIZE	NPT 1/2" (15 mm dia)		
MAX. SERVICE PRESSURE	175 PSI		
GLASS BULB DIAMETERS (MM)	05		

STAND POST TYPE WATER AND FOAM MONITOR



DESIGN & CONSTRUCTION	AS PER IS: 8442
MATERIAL	SEAMLESS MILD STEEL TUBES
SIZE OF MONITOR	63 MM
SIZE OF INLET FLANGE	80 MM
DISCHARGE CAPACITY	1750 LPM
HORIZONTAL THROW	50-55 METERS
ROTATION	360"
ELEVATION	58° TO 30°
JOINT	SWIVEL TYPE (GUN-METAL)
JET SPRAY NOZZLE	GUN METAL OR ALUMINIUM
OPERATIVE PRESSURE	7BAR
LEAKAGE PRESSURE	TO WITHSTAND PRESSURE OF 23 BAR

INSTANTANEOUS MALE / FEMALE TYPE COUPLING

TECHNICAL SPECIFICATION

Size: 63 mm

Material: Stainless Steel / Gun Metal / Aluminum Alloy

Conforming Specification: IS 9003: 1993



GUN METAL

LTB 2

IS: 318

PHOSPHORUS WIRE

IS: 7608

STAINLESS STEEL

STAINLESS STEEL

IS: 3444

IS: 937 (TYPE-A)

STAINLESS STEEL

IS: 6528

PERFORMANCE TEST

Hydravlic Test: Tested at 21 Kgf / cm2

Finish: Natural Polished

Hologram: Sticker Stuck on Coupling.



ALUMINUM IS 617 IS: 937 (TYPE-A) IS: 937 (TYPE-A)

STAINLESS STEEL

IS: 6528

COOL CP HOSE

Controlled Percolating Hose

Hose: Conforming to IS: 8423/1994,

TYPE OF MATERIAL

BODY, ASSEMBLY

RUBBER WASHER

SPRING

Application: This hose used for water delivery purpose in fire-Fighting irrigation & floor washing etc.

Jacket: Circular woven jacket made from a special synthetic yarn.

Rubber Lining: An ultra thin layer of rubber lining with suitable rubber compound which ensure controlled percolation.

Standard Lenghth: 7.5 Mtrs, 15 Mtrs, 22.5 Mtrs & 30 Mtrs.

End Connection: As per customer requirements

FEATURES

Compact, Flexible & Light weight, Low friction loss, Abrasion resistance Ability to withstand high operating & back pressure.



DIAMETER MM	BURSTING PRESSURE KCF/CM	TEST PROOF PRESSURE KCF/CM	COIL DIAMETER (30 MTR) CM
	35.7	21.4	44-45
63	35.7	21,4	44-45

RRL HOSE

FEATURES

Compact, Flexible & Light weight, Abrasion Resistant, Ability to withstand high operating & back Pressure.

Conforming to IS: 636/1988

Application: This RRL Hose used for water delivery

purpose in Fire-Fighting & Civil Engineering

Applications etc.

Jacket: Circular woven jacket made from a special blend of cotton & synthetic yarn with high abrasion and heat resistance Jacket is also treated with suitable rat proofing agent.

Rubber Lining: A rubber inner lining with suitable rubber compound which gives flexibility, durability & better resistance.

Standard Length: 15 Mtrs & 30 Mtrs.





RRL HOSE TYPE A

RRL HOSE TYPE B

INLET FBC / BREECHING



2	Way	Inlet	FRC	Breec	hino
4	vvay	ппес	rdc	preec	шц

Model	2 Way Inlet FBC Breeching		
Size	63 mm Dia		
Material	Gun Metal / S.S & Cast iron Body		
Testing	Hydraulic Test : 21Kgf/cm2		



3 Way Inlet FBC Breeching

Model	3 Way Inlet FBC Breeching	
Size	63 mm Dia	
Material	Gun Metal / S.S & Cast iron Body	
Testing	Hydraulic Test : 21Kgf/cm2	



4 Way Inlet FBC Breeching

Model	4 Way Inlet FBC Breeching		
Size	63 mm Dia		
Material	Gun Metal / S.S & Cast iron Body		
Testing	Hydraulic Test : 21Kgf/cm2		

FIRE HYDRANT ACCESSORIES













Inlet FBC Breeching Cap

FB - 10 X

FB - 5 X

Multi Purpose Nozzle

Fog Nozzle











Tripple Purpose Nozzle

Revolving Nozzle

Shut Off Nozzle

Gun Metal Air Release Valve

Fire Man Axe











Fire Hook Gun Metal Adapter

Sprinkle MV Spray Nozzle

Fire Blanket

Fire Bucket

SAFEPRO FIRE PROTECTION SYSTEMS



Fire Protection
Consultancy
in Planning Stage
For Architects &
Builders

Fire

Extinguisher

Supply

Maintenance

AMC

Liaise
with Fire Depts.
to obtain
the Provisional &
Final Fire NOCs.

Fire

Audit

Fire Fighting

System Designing

As per NBC Norms,

Erection, Testing,

Commissioning & proper

Handing over with

Training

Supply

Fire Fighting

Equipments

- FIRE AUDIT
- FIRE ALARM & SMOKE DETECTION SYSTEMS
- FIRE SAFETY SIGNAGES
- FIRE EXTINGUISHERS
- FIRE SUPPRESSION SYSTEMS

NOVEC 1230/ FK 5-1-12 Flooding System
FM200/ HFC 227ea Fire Suppression System
CO2 Total Flooding System
Vehicle Fire Suppression System
Kitchen Fire Suppression System
Fire Search Tube Suppression System

Fire Fighting Training to Employees / Security Personnel

Systems Operational Training Fire Fighting
Systems
Survey
Maintenance
Issue of Form 'B'

Fire Protection for High Rise Buildings

FIRE HYDRANT SYSTEM
 Wet Riser / Down Commer
 Court Yard Fire Hydrants
 Sprinkler System
 Hydrant Accessories

System Designing

- Material Supply
- Erection
- Testing
- Commissioning
- Training &
 Periodic Maintenance
- Fire Protection /
 Prevention Survey
- Issue of Six monthly
 Certificates to comply the
 provisions of the Fire Act.

KEEP YOUR FIRE FIGHTING SYSTEMS / EQUIPMENT / EXTINGUISHERS ALWAYS WELL MAINTAINED IN GOOD WORKING CONDITION.

FIRE PREVENTION & LIFE SAFETY MEASURES ACT 2016 (Refer Website: www.mahafireservice.gov.in)
Statutory Requirement System Testing & Certificate issued by a Licensed Agency to be furnish to the Chief Fire Officer - Jan. / July Every Year.

FIRE HYDRANT ACCESSORIES

SINGLE & DOUBLE HOSE BOX M.S. S.S. F.R.P.





S.S.



M.S.









CABINET BOX

DOUBLE DOOR HOSE BOX

KEY BOX





FIRE BUCKET WITH STAND



THERMOPLASTIC HOSE PIPE (TEXTILE REINFORCED) FOR WATER



FIRE ALARM SYSTEM / SIGNAGE



Faster than fire











ABS HOOTER

MS HOOTER

RESPONSE INDICATOR

FIRE ALARM PANEL



MCP PUSH BUTTON TYPE



HOOTER
CUM FLASHER



HEAT DETECTOR



SMOKE DETECTOR













FIRE

ALARM

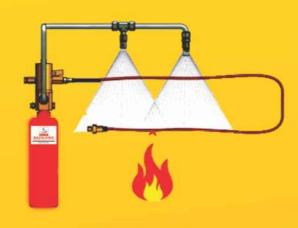
FIRE SAFETY SIGNAGE

Fire

Extinguisher









OUR BRANDS







SAFE PRO FIRE

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