

Rainbow Fire Safety Equipments



Design and Supply of Fire Equipments

CLIENT LIST



























CERTIFICATIONS

































INTRODUCTION

SAFEPRO FIRE SERVICES PVT. LTD. is one of the progressive firms in the field of Fire Fighting Equipment's and Consulting Services, established in the year 2000 in Mumbai. All our products are ISI mark and CE mark, SAFE PRO is binding to this planet to give our services which cover Safety, security and protection which cares to Human Being & Environment. With the base of high class Engineering technology and superior quality of work with base of our customer needs which we understand. And give our services to our country & every where with optimum cost, & in minimum time period with high class quality.

AIM

Our aim is to provide best safety & surveillance products and services to customers and help them in feeling absolutely safe & protected...

CUSTOMIZATION

In order to provide best solutions to every customer, we are providing our Fire Extinguisher, Personal Protective Equipment, Signage and Safety Devices and Spares & Accessories in variegated standard models, sizes and specifications. For meeting specific requirements of individual clients, we work hard and provide customized versions of our products. This specific version is made in

APPLICATION AREAS

Our reliable products and services find their use in the following areas:

- Pharmaceutical sector
- Government sector
- Industrial sector
- Banks
- Institutes
- Colleges
- Residential apartments
- Malls

ABC STORED PRESSURE

POWDER

TYPE 'A' FOR USE ON PAPER,

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
- > Supplied with wall bracket
- > Full range of spare parts are available

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 8B	1A 13B	2A 21B	3A 34B	4A 55B
EXTINGUISHING MEDIUM	POWDER	POWDER	POWDER	POWDER	POWDER
TEMPERATURE RANGE	-20ºC to +55ºC				
DISCHARGE TIME	MORE THAN 08 S	MORE THAN 08 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE RANGE	MORE THAN 02 M				
TEST PRESSURE	35 BAR				
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN	NITROGEN

BC STORED PRESSURE & CARTRIDGE TYPE

DCP POWDER

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

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.







- > ISI Marked
- > 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

MODEL	SPF-4BC	SPF-6BC	SPF-9BC	SPF-4CTBC	SPF-6CTBC	SPF-9CTBC
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	4	6	9	4	6	9
FIRE RATING	34B	55B	89B	34B	55B	89B
EXTINGUISHING MEDIUM	POWDER	POWDER	POWDER	POWDER	POWDER	POWDER
TEMPERATURE RANGE	-20ºC to +55ºC					
DISCHARGE TIME	MORE THAN 13 S					
DISCHARGE RANGE	MORE THAN 02 M					
TEST PRESSURE	35 BAR					
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	Co2	Co2	Co2

Co2 TYPE FIRE EXTINGUISHERS

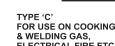
CARBON DIOXIDE

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









- > ISI Marked
- > 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	SPF-3CO	SPF-4.5CO
CYLINDER MATERIAL	M.S.	M.S.	M.S.
CAPACITY (KG)	2	3	4.5
FIRE RATING	8B	13B	21B
EXTINGUISHING MEDIUM	Co ₂ Gas IS 15222	Co ₂ Gas IS 15222	Co ₂ Gas IS 15222
TEMPERATURE RANGE	-20ºC to +55ºC	-20ºC to +55ºC	-20ºC to +55ºC
DISCHARGE TIME	MORE THAN 08 S	MORE THAN 08 S	MORE THAN 08 S
DISCHARGE RANGE	MORE THAN 01 M	MORE THAN 02 M	MORE THAN 02 M
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.



> ISI Marked
 > 1 year warranty
 > Squeeze grip operation
 > Fully refillable
 > Controlled discharge
 > Supplied with wall bracket

> Full range of spare parts are available

MODEL SPF-6MFCT SPF-9MFCT SPF-6MF SPF-9MF **CYLINDER** M.S. M.S. M.S. M.S. MATERIAL **CAPACITY (KG)** 6 9 4A 55B 3A 34B 3A 34B **FIRE RATING** 4A 55B **EXTINGUISHING AFFF FOAM AFFF FOAM AFFF FOAM AFFF FOAM MEDIUM** IS 4989 IS 4989 IS 4989 IS 4989 **TEMPERATURE** +5°C to +55°C +5°C to +55°C +5°C to +55°C +5°C to +55°C **RANGE DISCHARGE** MORE THAN MORE THAN MORE THAN **MORE THAN** TIME 13 S 13 S 13 S 13 S **DISCHARGE** MORE MORE MORE MORE **RANGE** THAN 02 M THAN 02 M THAN 02 M THAN 02 M **35 BAR 35 BAR TEST PRESSURE** 35 BAR 35 BAR **EXPELLANT NITROGEN NITROGEN** Co_2 Co_2

WATER TYPE FIRE EXTINGUISHERS

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 extinguishing is just pure water making the fire extinguishers extremely

Environmentally friendly and quick and simple to discharge test. A high Performance water 6ltr & 9ltr version is also available.



- > ISI Marked
- > 1 year warranty
- > Easy to read pressure gauge
- > High quality corrosion resistant finish
- > Supplied complete with wall mounting bracket
- > Full range of spare parts available

MODEL	SPF-6W	SPF-9W	SPF-6WCT	SPF-9WCT
CYLINDER MATERIAL	M.S.	M.S.	M.S.	M.S.
CAPACITY (KG)	6	9	6	9
FIRE RATING	3A	4A	3A	4A
EXTINGUISHING MEDIUM	WATER	WATER	WATER	WATER
TEMPERATURE RANGE	+5°C to +55°C	+5°C to +55°C	+5°C to +55°C	+5°C to +55°C
DISCHARGE TIME	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE RANGE	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	Co_2	Co_2

MODULAR TYPE FIRE EXTINGUISHERS

AUTOMATIC ROOF UNIT 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, Seal fire Foam 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.



2 kg



TYPE 'A'
FOR USE ON PAPER,
WOOD, CLOTH,
PLASTICS ETC.

5 kg



TYPE 'B' FOR USE ON PETROL OIL PAINTS, SPIRIT, CHEMICALS ETC. 10 kg



TYPE 'C'
FOR USE ON COOKING
& WELDING GAS,
ELECTRICAL FIRE ETC.

CODE	DESCRIPTION	AREA PROTECTION	HANGING VERTIVCALLY ABOVE RISK	WORKING PRESSURE
SPF-M02	2 KG ROOF UNIT	1 TO 1.5 M ²	1.5 M	15 BAR
SPF-M05	5 KG ROOF UNIT	3.5 TO 4 M ²	1.5 TO 2 M	15 BAR
SPF-M10	10 KG ROOF UNIT	7 TO 8 M ²	1.75 TO 3 M	15 BAR
SPF-M15	15 KG ROOF UNIT	8 TO 10 M ²	2 TO 3 M	15 BAR

TROLLY TYPE FIRE EXTINGUISHERS

HIGHER CAPACITY FIRE EXTINGUISHERS

SAFE PRO fire extinguisher trolley units are available in BC/ABC Powder and AFFF Foam versions and offer exceptional value for moneys well as the high quality that you would expect from SAFE PRO fire fighting products. SAFE PRO trolley units are ideal for use in a wide range of commercial and industrial.



















TYPE 'C'
FOR USE ON COOKING
& WELDING GAS,
ELECTRICAL FIRE ETC.

Capacity	25 / 50 / 75 kg	6.5 / 9 / 22.5 kg	50 Liter	50 Liter
IS No.	IS 10658	IS 2878	IS 13386	IS 13385
Min. Jet Length (in mtrs)	6 /8 /10 Mtrs	6 /8 /10 Mtrs	10 Mtrs	10 Mtrs
Discharge Percentage	85%	95%	95%	95%
Discharge Time	25 /40 / 50 S	30 /36 / 60 S	60-180 S	60-180 S
Charge Pressure	14 kgf/cm²	_	14 kgf/cm²	14 kgf/cm²
Cylinder	IS 10658	IS 2878	IS 13386	IS 13385
Test Pressure	30 BAR	250 BAR	30 BAR	30 BAR
Extinguisher Media	Dry Powder IS14609 / IS 4308	Co2 Gas IS: 15222	AFFF FOAM	WATER
Expellant	Co ₂	Co ₂	Co ₂	Co ₂

KITCHEN TYPE FIRE EXTINGUISHERS

WET CHEMICAL (K-CLASS)

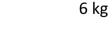
Stored Pressure, 2ltr, 4ltr, 6ltr and 9ltr fire extinguishers

Wet chemical fire extinguishers will Class K fire risks and are designed for use against kitchen and fat fires. A unique feature of the SAFE PRO wet chemical fire extinguishers is that the extinguishers can be operated from a distance of approximately 3-4 meters away reducing danger to the fire extinguisher operator.













- > Squeeze grip operation
- > Fully refillable
- > Controlled discharge
- > Supplied with wall bracket
- > Full range of spare parts are available

MODEL	SPF-2K	SPF-4K	SPF-6K	SPF-9K
CYLINDER MATERIAL	S.S	S.S	S.S	S.S
CAPACITY (LTRS)	2	4	6	9
EXTINGUISHING MEDIUM	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL	WET CHEMICAL
DISCHARGE TIME	MORE THAN 08 S	MORE THAN 13 S	MORE THAN 13 S	MORE THAN 13 S
DISCHARGE RANGE	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M	MORE THAN 02 M
TEST PRESSURE	35 BAR	35 BAR	35 BAR	35 BAR
EXPELLANT	NITROGEN	NITROGEN	NITROGEN	NITROGEN

CLEAN AGENT FIRE EXTINGUISHERS

CLEAN AGENT TYPE FIRE EXTINGUISHER.

Stored Pressure 2kg, 4kg, 6kg 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, pack in mega power and are absolutely safe for use on any sensitive electronic equipment.







FOR USE ON PAPER WOOD, CLOTH, PLASTICS ETC.



4 kg



FOR USE ON PETROL, OIL PAINTS, SPIRIT, CHEMICALS FTC



5 kg



TYPE 'C'
FOR USE ON COOKING
& WELDING GAS,
ELECTRICAL FIRE ETC.

- > 1 year warranty
- > Squeeze grip operation
- > Fully refillable
- > Controlled discharge
- > Supplied with wall bracket
- > Full range of spare parts are available

MODEL	SPF-2CA	SPF-4CA	SPF-6CA
CAPACITY	2KGS	4KGS	6KGS
FIRE RATING	1A-8B	2A-21B	3A-34B
OPERATING TEMPERATURE	-20° C TO +55° C	-20° C TO +55° C	-20° C TO +55° 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	MORE THAN 8 S	MORE THAN 13 S	MORE THAN 13 S
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
EXPELLANT	NITROGEN	NITROGEN	NITROGEN

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 Alloy

Conforming Specification: IS 903:1993

PERFORMANCE TEST

Hydrostatic 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	LBT IS:318	IS 617
RUBBER WASHER	IS : 937 (TYPE-B)	IS: 937 (TYPE-B)	IS: 937 (TYPE-A)

OBLIQUE TYPE LANDING VALVE

DOUBLE OUTLET LANDING VALVE

(Type"A") ISI Marked

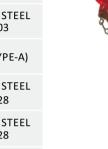
TECHNICAL SPECIFICATION

Size: 63 mm

Inlet: 80 mm NB Flanged Outlet: Female Instantaneous

Comforming Specification: IS: 5290: 1993

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL	LBT	IS
	IS: 3444	IS: 318	617
VALVE SPINDLE	STAINLESS STEEL	BRASS ROD	STAINLESS STEEL
	IS: 6603	IS: 319/320	IS: 6603
CAST IRON WHEEL	IS: 210	IS: 937 (TYPE-A)	IS: 937 (TYPE-A)
RUBBER WASHER	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	IS: 6528	IS: 6528	IS: 6528
SPRING	STAINLESS STEEL	STAINLESS STEEL	STAINLESS STEEL
	IS: 6528	IS: 6528	IS: 6528
GLAND PACKING- ASBESTOS THREAD	IS: 4687	IS: 4687 (TYPE-3)	IS: 4687 (TYPE-3)





Gun Metal

PERFORMANCE TEST

Hydravlic Test: 21 Kgf/cm2

Water Tightness Test: 15 Kgf/cm2

Stainless Steel



Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on

(Type"B") ISI Marked

Landing Value

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 30/36/40 Mtrs. Hoses

PERFORMANCE TEST

Hydrostatic 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

TECHNICAL SPECIFICATION

Size: 63 mm

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

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



HUB SIDES & WALL BRACKET	M.S. SHEET OF IS: 513
SWIVEL JOINT	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







Gun Metal

Stainless Stee

Hand Wheel: Gray Cast Iron Halogram: Sticker Stuck on

Landing Value

AUTOMATIC SPRINKLER

INSTANTANEOUS MALE / FEMALE TYPE COUPLING







TEMPERATURE RATING	155° F / 68° C
GLASS BULB COLOUR	RED
THREAD SIZE	NPT 1/2" OR R 1/2"
MAX. SERVICE PRESSURE	175 PSI
GLASS BULB DIAMETERS (MM)	O5

STAND POST TUPE 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	
CONSTRUCTION	WELDED FROM M.S. SEAMLESS PIPES, BENDS, ETC.	
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	0.7 N/mm2 AT NOZZLE END	
LEAKAGE PRESSURE	TO WITHSTAND A PRESSURE OF 2.3 N/mm2	

TECHNICAL SPECIFICATION

Size: 63 mm

Material : Stainless Steel / Gun Metal / Aluminum Alloy

Conforming Specification: IS 9003: 1993



Stainless Steel

Gun Metal

Aluminum

PERFORMANCE TEST

Hydravlic Test : Tested at 21 Kgf / cm2

Finish: Natural Polished

TYPE OF MATERIAL	STAINLESS STEEL	GUN METAL	ALUMINUM
BODY, ASSEMBLY	STAINLESS STEEL	LBT	IS
	IS: 3444	IS:318	617
RUBBER WASHER	IS : 937 (TYPE-B)	IS: 937 (TYPE-B)	IS: 937 (TYPE-A)
SPRING	STAINLESS STEEL	PHOSPHORUS WIRE	STAINLESS STEEL
	IS: 6528	IS: 7608	IS: 6528

COOL CP HOSE

Controlled Percolating Hose

Hose: Conforming to IS: 8423/1994,

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
38	35.7	21.4	44-45
50	35.7	21.4	44-45
63	35.7	21.4	44-45
63	35.7	21.4	44-45



Rainbow Fire Safety Equipments

NO.163/1 RAJALAKSHMI COMPLEX 1ST FLOOR,OMALUR MAIN ROAD OPP.ANS DIVYAM JEWELLERY,NARASOTHIPATTY-PO,FIVE ROADS,SALEM-636004.

OFF-0427-2331520 MOBIL NO:9843365458,9843365459.

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