



AUTOMATIC MODULAR FIRE EXTINGUISHER

FOR "A", "B" & "C" CLASS OF FIRES

Components: ABC Dry powder, Dry chemical powder, Clean Agent etc.

Applicability : For Widespread Occupancies & Storage areas Like: Storage of Flammable & Combustible Liquids & Gases, Chemicals and Grain Mill Products, Solid Fuels, Libraries Records, Museums, Showrooms, Shops, Offices, Residential Premises, Workshop, Radio Rooms, T.V Station etc.
Obtainable in Capacity: 2 kg, 5kg, 10kg, & 15kg.



FEATURES & PERFORMANCE DATA OF AUTOMATIC MODULAR FIRE EXTINGUISHER

Capacity (In Kg.)	2	5	10	15
Working Pressure (Kg./cm ²)	7 to 15	7 to 15	7 to 15	7 to 15
Propellant	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Area Protection in m ²	1 - 1.5	3.5 - 4	7 - 8	8 - 10
Hanging vertically above risk	1.5 m	1.5 - 2 m	1.75 - 2.25 m	2 - 3 m
Operation time in second	8 - 10	10 - 15	15 - 20	18 - 23



SAFETY FIRST™ DRY CHEMICAL POWDER SODIUM BI CARBONATE BASED

TECHNICAL SPECIFICATION

ISI Marked Dry Chemical Powder Sodium Bi Carbonate Based Typical Physicochemical properties as per IS: 4308:2003 Sodium Bi Carbonate : 90%

Apparent density	As per IS: 4308:2003
Moisture content	Less than 0.25%
Particle size	As per IS: 4308 : 2003
Corrosion & abrasion effect	Non corrosive or abrasive
Temperature stability range	-60° C to + 55° C
Appearance	White
Packing	5/10 / 50 Kg Hermetically sealed bags
Storage	
Effective Period	3 Years

SAFETY FIRST™ DRY CHEMICAL POWDER MONO AMMONIUM PHOSPHATE BASED

Application: Designed for use against practically against classes of fires ABC, this powder based on Mono Ammonium phosphate. Typical physicochemical properties as per IS: 14609:1999 Mono Ammonium Phosphate : 60%

Apparent density	As per IS: 14609
Moisture content	As per IS: 14609
Particle size	As per IS: 14609
Corrosion & abrasion effect	Non corrosive or abrasive
Temperature stability range	-60° C to +55° C
Penetration	As per IS: 14609
Appearance	Yellow
Packing	5/25 kg Hermetically sealed bags

Also Available Potassium Bi Carbonate Base, / Urea Base / Chlorides Base



AFFF TYPE 3% & TYPE 6%

AQUEOUS FILM FORMING FOAM (AFFF) CONCENTRATE

SAFETY FIRST AFFF concentrates are solutions of fluoro-carbon surface active agents and synthetic foaming agents which is generally known as AQUEOUS FILM FORMING FOAM (AFFF) CONCENTRATE.

SAFETY FIRST AFFF is specially made to have a superior knock Down performance on all types of hydrocarbon fires.

The Special fluoro-carbon surface active agents and synthetic foaming agents used to produce a fast, positive spreading action over the fuel surface, which gives a rapid foam cover with minimum time at a very lowest application rate.

SAFETY FIRST AFFF is non-toxic, non corrosive, clear transparent liquid with no stratification or turbidity.

SAFETY FIRST AFFF is effective to extinguishment of Class A and Class B Fires.

COMPATIBILITY :

SAFETY FIRST AFFF is compatible with all type of foam and dry chemical powders.

CHEMICAL, PHYSICAL PROPERTIES & PERFORMANCE REQUIRE

Property	Value
Appearance	Clear transparent Liquid
pH	6.5 to 8.5
Specific gravity	1.00 to 1.12
Viscosity	Less than 10 cst
Pour Point	0°C
Sludge content	Less than 0.25%
Expansion ratio	Conforms to relevant standard
25% Drainage time	Conforms to relevant standard

COMPLETE ALL TEST FACILITY IN OUR HOUSE



DESIGNED & MANUFACTURED BY : NEW BHARAT FIRE PROTECTION SYSTEM PVT. LTD.

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YOUR PERSONAL FIRE FIGHTER
NEW BHARAT FIRE PROTECTION SYSTEM PVT. LTD.

APPROVED BY : AN ISO 10002:2004 COMPANY



ABC STORED PRESSURE TYPE FIRE EXTINGUISHER
FOR "A", "B" & "C" CLASS OF FIRES

SAFETY FIRST mark ABC Type fire extinguisher covers A, B, C class of fires which includes Papers, Wood, Cloth, Rubber, Plastic & inflammable liquid like oil, Petrol, Paints, Petrochemical Product, Resins, Gases in the compressed Form like Oxygen Acetylenes, LPG & CNG, Electrical & Sophisticated electrical equipments.

TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	1 KG	2 KG	4 KG	6 KG	9 KG
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(IS-15683) 8 sec	(IS-15683) 8 sec	(IS-15683) 16 sec	(IS-15683) 20 sec	(IS-15683) 25 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	12 sec	16 sec	20 sec	25 sec	30 sec
RANGE OF JET	2 mtr.	3 mtr.	4 mtr.	6 mtr.	7 mtr.
EMPTY WT (APPROX)	1 kg	2.3 kg	2.75 kg	3.3 kg	5.35 kg
FULL WT (APPROX)	2 kg	3.3 kg	6.75 kg	9.3 kg	14.35 kg
FIRE RATING	1 A, 8 B	1 A, 8 B	2A, 21 B	3A, 34 B	3A, 34B
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²
BRUSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²



WATER TYPE FIRE EXTINGUISHER
FOR "A" CLASS OF FIRES

SAFETY FIRST mark water type fire extinguisher provides safety against "A" class of fire which involves materials like wood, paper, cloth, plastic & fiber, Rubber etc.

TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	6 lr	9 lr	50 lr	9 lr
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(Stored Pressure) 25 sec	(Stored Pressure) 100 sec	(IS-13385) 60 sec	(CARTRIDGE TYPE) 60 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	60 sec	120 sec	180 sec	180 sec
RANGE OF JET	4 mtr	6 mtr	10 mtr	10 mtr
EMPTY WT (APPROX)	3.2 kg	5.35 kg	35 kg	35 kg
FULL WT (APPROX)	9.2 kg	14.35 kg	80 kg	80 kg
FIRE RATING	3A	3A	NA	3A
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	35 KG/CM ²	35 KG/CM ²	30 KG/CM ²	30 KG/CM ²
BRUSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	45 KG/CM ²	45 KG/CM ²

CAUTION : NOT TO BE USE ON ELECTRICAL FIRE



CARBON DIOXIDE TYPE FIRE EXTINGUISHER
FOR "B" & "C" CLASS OF FIRES

SAFETY FIRST mark carbon dioxide type fire extinguisher are suitable for B & C Class of fires involving all flammable liquids, gases, live & delicate, Machinery Fires, Electrical & sophisticated electronic equipments fires transformer & switch gear fire. This extinguisher is approved by explosive Department, Govt. of India, Nagpur. THE NEW CO2 SQUEEZE GRIP TYPE PORTABLE FIRE EXTINGUISHER FROM SAFETY FIRST is also Available.



TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	2 kg	3 kg	4.5 kg	6.5 kg	9 kg	22.5 kg
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(IS-15683) 8 sec	(IS-15683) 8 sec	(IS-15683) 8 sec	(IS-2878) 10 sec	(IS-2878) 15 sec	(IS-2878) 20 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	10 sec	16 sec	20 sec	20 sec	36 sec	60 sec
RANGE OF JET	2 mtr.	3 mtr.	3 mtr.	4 mtr.	4 mtr.	4 mtr.
EMPTY WT (APPROX)	6.2 kg	9.5 kg	12.5 kg	20 kg	26 kg	43.5 kg
FULL WT (APPROX)	8.2 kg	12.5 kg	17 kg	26.5 kg	35 kg	66 kg
FIRE RATING	13 B	21 B	21 B	N/A	N/A	N/A
WORKING PRESSURE	60 KG/CM ²	60 KG/CM ²	60 KG/CM ²	60 KG/CM ²	60 KG/CM ²	60 KG/CM ²
HYDRO PRESSURE	250 KG/CM ²	250 KG/CM ²	250 KG/CM ²	250 KG/CM ²	250 KG/CM ²	250 KG/CM ²
BRUSTING PRESSURE	600 KG/CM ²	600 KG/CM ²	600 KG/CM ²	600 KG/CM ²	600 KG/CM ²	600 KG/CM ²



SAFETY FIRST mark dry chemical Fire Extinguisher control A, B & C Class of Fire like Wood, Paper, Cloth, Oil, Petrol and Petroleum product, Solvent, Paints, Varnishes, Chemical Liquids. All flammable liquids & Electrical Fire & Gas fire, etc.

TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	4 kg	6 kg, ABC	9 kg, ABC	25 kg	50 kg	75 kg
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(IS-15683) 20 sec	(IS-15683) 20 sec	(IS-15683) 25 sec	(IS-10658) 25 sec	(IS-10658) 40 sec	(IS-10658) 50 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	25 sec	25 sec	30 sec	30 sec	50 sec	60 sec
RANGE OF JET	4 mtr.	4 mtr.	6 mtr.	6 mtr.	8 mtr.	10 mtr.
EMPTY WT (APPROX)	4.2 kg	5.2 kg	7.05 kg	30 kg	60 kg	75 kg
FULL WT (APPROX)	8.2 kg	11.2 kg	16.05 kg	55 kg	110 kg	150 kg
FIRE RATING	2A, 21 B	3A, 34 B	3A, 34 B	NA	NA	NA
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	30 KG/CM ²	30 KG/CM ²	30 KG/CM ²
BRUSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	45 KG/CM ²	45 KG/CM ²	45 KG/CM ²



FOAM (AFF) TYPE FIRE EXTINGUISHER
FOR "A" & "B" CLASS OF FIRES

SAFETY FIRST mark foam type fire extinguisher is designed to extinguish A & B class of fire involving wood, paper, cloth, textile, stationary, flammable & volatile liquids like oil, petrol, kerosene, solvent & chemical, wax, resins etc.

TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	6 lr	9 lr	9 lr	50 lr
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(Stored Pressure) 35 sec	(Stored Pressure) 35 sec	(Cartridge Type) 35 sec	(IS-13386) 40 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	25 sec	60 sec	60 sec	180 sec
RANGE OF JET	6 mtr.	6 mtr.	6 mtr.	10 mtr.
EMPTY WT (APPROX)	3.2 kg	5.35 kg	7 kg	35 kg
FULL WT (APPROX)	9.2 kg	14.35 kg	16 kg	80 kg
FIRE RATING	2A, 34 B	3A, 34 B	4A, 55 B	NA
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	30 KG/CM ²
BRUSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	45 KG/CM ²

CAUTION : NOT TO BE USE ELECTRICAL FIRE



CLEAN AGENT FIRE EXTINGUISHER
FOR "A" "B" & "C" CLASS OF FIRES

Suitable for A, B, C Class of Fire • Available in capacity 500 gms., 1 kg, 2 kgs, 5kgs, 10 kgs. • Welded cylinder as well as seamless Cylinders are available HPC OR HCPC Based Clean agent gases. * Safety First's clean agent fire extinguisher is an excellent option to protect high value property that can be found in applications such as

- Computer Room • Telecommunications Facilities • Laboratories
- Hospital • Offices (for protection of sensitive electronic equipment)
- Server Room • Call Center • Banks • Ships

TECHNICAL SPECIFICATION

FIRE EXTINGUISHER CAPACITY	1 kg	2 kg	4 kg	6 kg
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	(IS-29881) 8 sec	(IS-29881) 8 sec	(IS-16683) 16 sec	(IS-16683) 20 sec
MINIMUM PERIOD TO DISCHARGES AT LEAST 90% OF CONTENTS	10 sec	16 sec	20 sec	25 sec
RANGE OF JET	1 mtr.	1 mtr.	1 mtr.	2 mtr.
EMPTY WT (APPROX)	1.2 kg	2.3 kg	2.75 kg	3.3 kg
FULL WT (APPROX)	2.2 kg	4.3 kg	6.75 kg	9.3 kg
FIRE RATING	8 B	13 B	1A, 71 B	1A, 34 B
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²
BRUSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²