



SAFEX SAFEX



**SAFEX**®

**Powering your way to safety**  
Since 1972

OUR CLIENTELE



Many many more....



## ABOUT US

We are inspired by a singular purpose: To help people protect what they love.

When you truly love your family, your assets or your business, you protect them to the best of your ability. At Safex, we help you understand fire risks and offer reliable fire safety products and solutions to safeguard everything you love.

Founded in 1972 with the goal of empowering lives to safety, we are an eminent manufacturer, supplier and exporter of various fire fighting equipment. We have successfully introduced innovative fire safety products to the market, time after time. Today, we are the largest manufacturers of fire extinguishers in India. Additionally, we export to countries from Eastern Europe, Africa, Middle East and South Asia.

## What sets us apart?

### Robust Infrastructure

A one of its kind, state of the art manufacturing plant that ensures you get superior products on time, every time. Our in-house laboratory is equipped with sophisticated testing equipment to ensure quality. Additionally, automated assembly lines, a commitment to best manufacturing practices and Kaizen (continuous improvement) gives us the necessary edge over our competitors.

### Extensive Network

8 branch offices together with over 50 distributors across India guarantee exceptional after sales service regardless of your location. Our representatives are trained to provide customers with a positive experience at every interaction and foster long term business relationships.

### One Stop Shop

An exhaustive product portfolio enables you to find everything you are looking for under one roof. The products manufactured by us adhere to international standards of quality and are as per the ISO, ISI, UL, MMD, CE and EN 3.7 standards.

### Our Values

We take pride in being experienced and reliable. Our company culture rewards making things happen. Our ambition to be the very best makes sure that we try harder to serve our customers better. We measure our success by the positive impact we have on people's lives.

◆◆◆ POWERING YOUR WAY TO SAFETY ◆◆◆

# WATER BASED FIRE EXTINGUISHERS

## Safex Water Stored Pressure Fire Extinguishers

This Extinguishers is suitable for A class of Fire such as wood, furnishings, cloth, textile and stationery etc. It is maintenance free & very easy to operate. Manufactured and Marketed bearing IS:15683 for Portable Fire Extinguishers and IS:13385 for Trolley Mounted Fire Extinguishers.

### Key Features:

- CE Approved Valve
- Automatic Safety Pressure Released Feature in Valve
- Non Return Valve
- Controllable Discharge Mechanism
- Easy to use
- Maintenance Free
- Suitable for A Class of Fire
- Helium Leak Tested Fire Extinguisher



### WATER STORE PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Water)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	13 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	100 sec
MINIMUM RANGE OF JET	2 mts
FIRE RATING	3A
WORKING PRESSURE	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>

Approvals:  IS:15683 



### WATER SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Water)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	13 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	100 sec
MINIMUM RANGE OF JET	2 MTS
FIRE RATING	3A
WORKING PRESSURE	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>

Approval:  IS:15683



### TROLLEY MOUNTED WATER TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	WATER BASED
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	45ltr.
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	30 SEC
MINIMUM RANGE OF JET	180 SEC
FIRE RATING	6 MTS
WORKING PRESSURE	20A
HYDRO PRESSURE	15 KGF/CM <sup>2</sup>
BURSTING PRESSURE	36 KGF/CM <sup>2</sup>
	55 KGF/CM <sup>2</sup>

Approvals:  IS:16018



# FOAM BASED FIRE EXTINGUISHERS

## Safex Foam Stored Pressure Fire Extinguishers

This Extinguishers is suitable for A and B class of Fire such as wood, furnishings, cloth, textile and stationery, oil, kerosene, paints, petrol, etc. It is maintenance free & very easy to operate. Manufactured and Marketed bearing IS:15683 for Portable Fire Extinguishers and IS:13386 for Trolley Mounted Fire Extinguishers.

### Key Features:

- CE Approved Valve
- Automatic Safety Pressure Released Feature in Valve
- Non Return Valve
- Controllable Discharge Mechanism
- Easy to use
- Maintenance Free
- Suitable for A Class of Fire
- Helium Leak Tested Fire Extinguisher



### FOAM STORE PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Foam)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	15 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	60 sec
MINIMUM RANGE OF JET	2 mts
FIRE RATING	4A,233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>

Approvals: IS:15683 CE



### FOAM SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Foam)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	15 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	60 sec
MINIMUM RANGE OF JET	2 MTS
FIRE RATING	4A,233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>

Approval: IS:15683



### TROLLEY MOUNTED FOAM TYPE FIRE EXTINGUISHERS

	FOAM BASED
FIRE EXTINGUISHER CAPACITIES	45ltr.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	30 SEC
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	180 SEC
MINIMUM RANGE OF JET	6 MTS
FIRE RATING	20A, 233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>

Approvals: IS:16018



# CLEAN AGENT GAS BASED FIRE EXTINGUISHERS

## CLEAN AGENT STORE PRESSURE TYPE FIRE EXTINGUISHER



Safex Clean Agent Fire Extinguishers is suitable for A Class, general paper, wood, cloth & B class inflammable liquids like kerosene, paints, petrol etc & For C Class of Fire gases in the compressed form, electrical and electronic equipment like motor, LPG, Acetylene etc, no need of hard efforts in using this Extinguisher, just pickup the Extinguishers & you can fight any type of Fire. Since it is a Clean Agent, it does not leave a residue after application and also minimizes collateral damage to equipment within the peripheral area. It can be used in Human occupied area. Manufactured and Marketed bearing IS:15683.

### Key Features:

- Works on All Classes of Fire
- World's most advanced Clean Agent Gas (DUPONT™ FE36™)
- Automatic Safety Pressure Released Feature in Valve
- CE Approved Valve / Non Return Valve
- Controllable Discharge Mechanism
- Safe for use on Sensitive Equipments
- 5 Years Warranty
- Maintenance Free
- Leaves no residue
- Non corrosive ensuring the safety of your belongings
- Odorless, Colourless and non residual Clean Agent
- Helium Leak Tested Fire Extinguisher

FIRE EXTINGUISHER CAPACITIES	2kg.	4kg.	6kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	13 sec	13 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	15 sec	25 sec	27 sec
MINIMUM RANGE OF JET	2 mtr	2 mtr	2 mtr
FIRE RATING	1A, 21B	2A, 34B	2A, 55B
WORKING PRESSURE	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>
HYDRO PRESSURE	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>
BURSTING PRESSURE	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>

Approval:



IS:15683

GAS: DUPONT™ FE36™ Clean Agent



# CO2 GAS BASED FIRE EXTINGUISHERS

## Safex Carbon Di-Oxide Fire Extinguishers

Safex Carbon Di-Oxide 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 (PESO), Nagpur.

The quick and efficient flame knockdown property of CO2 gas makes it ideal for tackling fire involving flammable liquid for instance oil, paints, varnish, solvents and even industrial gases. Inert CO2 gas rapidly starves the fire of oxygen, extinguishing it within second by squeezing the lever. Since it leaves no residue after use, it is ideal for fire involving sensitive electrical equipment. Manufactured and Marketed bearing IS:15683 for Portable Fire Extinguishers and IS:2878 for Trolley Mounted Fire Extinguishers.

### WHEEL TYPE / SQUEEZE GRIP TYPE CO2 PORTABLE FIRE EXTINGUISHERS



FIRE EXTINGUISHER CAPACITIES	2kg.Wheel	3kg.Wheel	4.5kg.Wheel	2kg.Squeeze	3kg.Squeeze	4.5kg.Squeeze
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	9 sec				
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	18 sec	20 sec	25 sec	18 sec	20 sec	25 sec
MINIMUM RANGE OF JET	2 mts					
FIRE RATING	21B	34B	34B	21B	34B	55B
WORKING PRESSURE	60KGF/CM <sup>2</sup>					
HYDRO PRESSURE	250KGF/CM <sup>2</sup>					

Approval:  IS:15683

### TROLLEY MOUNTED TYPE CO2 FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	6.5kg.	9kg.	22.5kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	15 sec	15 sec	15 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	30 sec	40 sec	60 sec
MINIMUM RANGE OF JET	2 mts	2 mts	2 mts
FIRE RATING	55B	55B	89B
WORKING PRESSURE	60KGF/CM <sup>2</sup>	60KGF/CM <sup>2</sup>	60KGF/CM <sup>2</sup>
HYDRO PRESSURE	250KGF/CM <sup>2</sup>	250KGF/CM <sup>2</sup>	250KGF/CM <sup>2</sup>

Approval:  IS:16018



\*Safex has it's own PESO Approved CO2 filling plant and cylinder storage area.



# POWDER BASED FIRE EXTINGUISHERS



## ABC STORED PRESSURE TYPE FIRE EXTINGUISHERS

Safex ABC Stored Pressure Fire Extinguishers is suitable for A Class, general paper, wood, cloth & B class inflammable liquids like kerosene, paints, petrol etc & For C Class of Fire gases in the compressed form, electrical and electronic equipment like motor, LPG, Acetylene etc, no need of hard efforts in using this Extinguisher, just pickup the Extinguishers & you can fight any type of Fire. It can also be supplied with MONNEX, Sodium Bi Carbonate & Potassium Bi Carbonate base Powder, on request. Manufactured and Marketed bearing IS:15683.

### Key Features:

- Works on All Classes of Fire
- CE Approved Valve
- Automatic Safety Pressure Released Feature in Valve
- Non Return Valve
- Controllable Discharge Mechanism
- Easy to use
- 5 Years Warranty
- Maintenance Free
- Suitable for A, B & C Class of Fire
- Helium Leak Tested Fire Extinguisher

FIRE EXTINGUISHER CAPACITIES	1kg.	2kg.	4kg.	6kg.	9kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	13 sec	13 sec	15 sec	15 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	12 sec	16 sec	20 sec	25 sec	30 sec
MINIMUM RANGE OF JET	2 mts				
FIRE RATING	1A, 21B	2A, 34B	3A, 55B	4A, 89B	6A, 183B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>				
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>				
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>				

Approvals:  IS:15683 



# POWDER BASED FIRE EXTINGUISHERS



## BC / ABC SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHERS

Safex BC / ABC Squeeze Grip Cartridge Type Fire Extinguishers is suitable for A Class, general paper, wood, cloth & B class inflammable liquids like kerosene, paints, petrol etc & For C Class of Fire gases in the compressed form, electrical and electronic equipment like motor, LPG, Acetylene etc, no need of hard efforts in using this Extinguisher, just pickup the Extinguishers & you can fight any type of Fire. It can also be supplied with MONNEX and Potassium Bi Carbonate base Powder, on request. Safex Squeeze Grip Cartridge Type Fire Extinguishers are easily serviced at site. Manufactured and Marketed bearing IS:15683.

FIRE EXTINGUISHER CAPACITIES	4kg. BC	4kg. ABC	6kg. BC	6kg. ABC	9kg. BC	9kg. ABC
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	15 sec	13 sec	15 sec	15 sec	15 sec	15 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	25 sec	25 sec	25 sec	25 sec	30 sec	30 sec
MINIMUM RANGE OF JET	2 mts					
FIRE RATING	144B	3A, 55B	183B	4A, 89B	233B	6A, 183B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>					
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>					
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>					

Approval:  IS:15683



# WATER MIST BASED FIRE EXTINGUISHERS



The fire extinguisher is Water Mist with foam additives with stored pressure design. The extinguisher is equipped with a rotor mechanism. Droplet size of water mist is less than 30 microns. The extinguishant will be water with foam additives suitable for A, B, C & F class of fire. The extinguisher is manufactured as per IS: 15683:2018. The extinguisher has controllable discharge mechanism to provide flexibility of releasing extinguishing agent on targeted fire location.

## Key Features:

- CE Approved Valve
- Automatic Safety Pressure Released Feature in Valve
- Non Return Valve
- Controllable Discharge Mechanism
- Easy to use
- Maintenance Free
- Suitable for A, B, C & F Class of Fire
- Helium Leak Tested Fire Extinguisher

### WATER MIST TYPE FIRE EXTINGUISHERS

<b>FIRE EXTINGUISHER CAPACITIES</b>	4 Ltrs. (Water)
<b>MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED</b>	13 Sec
<b>MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS</b>	60 Sec
<b>MINIMUM RANGE OF JET</b>	2 Mtrs
<b>FIRE RATING</b>	2A, 55 B, 15 F
<b>WORKING PRESSURE</b>	15 KGF/CM2
<b>HYDRO PRESSURE</b>	36 KGF/CM2
<b>BURSTING PRESSURE</b>	55 KGF/CM2

Approvals: IS:15683

### WATER MIST TYPE FIRE EXTINGUISHERS

<b>FIRE EXTINGUISHER CAPACITIES</b>	2 Ltrs. (Water)
<b>MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED</b>	8 Sec
<b>MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS</b>	20 Sec
<b>MINIMUM RANGE OF JET</b>	2 Mtrs
<b>FIRE RATING</b>	1A, 34 B, 5 F
<b>WORKING PRESSURE</b>	15 KGF/CM2
<b>HYDRO PRESSURE</b>	36 KGF/CM2
<b>BURSTING PRESSURE</b>	55 KGF/CM2

Approvals: IS:15683

### WATER MIST TYPE FIRE EXTINGUISHERS

<b>FIRE EXTINGUISHER CAPACITIES</b>	6 Ltrs. (Water)
<b>MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED</b>	13 Sec
<b>MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS</b>	60 Sec
<b>MINIMUM RANGE OF JET</b>	2 Mtrs
<b>FIRE RATING</b>	3A, 113 B, 25 F
<b>WORKING PRESSURE</b>	15 KGF/CM2
<b>HYDRO PRESSURE</b>	36 KGF/CM2
<b>BURSTING PRESSURE</b>	55 KGF/CM2

Approvals: IS:15683

### WATER MIST TYPE FIRE EXTINGUISHERS

<b>FIRE EXTINGUISHER CAPACITIES</b>	9 Ltrs. (Water)
<b>MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED</b>	15 Sec
<b>MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS</b>	100 Sec
<b>MINIMUM RANGE OF JET</b>	2 Mtrs
<b>FIRE RATING</b>	3A, 183 B, 75 F
<b>WORKING PRESSURE</b>	15 KGF/CM2
<b>HYDRO PRESSURE</b>	36 KGF/CM2
<b>BURSTING PRESSURE</b>	55 KGF/CM2

Approvals: IS:16018

\* Above fire extinguishers are available in mild steel and stainless steel



# STAINLESS STEEL FIRE EXTINGUISHERS

## CLEAN AGENT GAS BASED FIRE EXTINGUISHERS

### CLEAN AGENT STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	2kg.	4kg.	6kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	13 sec	13 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	15 sec	25 sec	27 sec
MINIMUM RANGE OF JET	2 mts	2 mts	2 mts
FIRE RATING	1A, 21B	2A, 34B	2A, 55B
WORKING PRESSURE	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>
HYDRO PRESSURE	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>
BURSTING PRESSURE	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>
Approval:	EN3.7	CE	IS:15683
GAS: DUPONT™ FE36™ Clean Agent			



## POWDER BASED FIRE EXTINGUISHER

### ABC STORED PRESSURE TYPE FIRE EXTINGUISHER

FIRE EXTINGUISHER CAPACITIES	4 KG	6 KG	9 KG
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	13 sec	15 sec	15 sec
MAXIMUM PERIOD OF DISCHARGE ATLEAST 90% OF CONTENTS	20 sec	25 sec	30 sec
MINIMUM RANGE OF JET	2 mts	2 mts	2 mts
FIRE RATING	3A, 55B	4A, 89B	6A, 233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>	15 KGF/CM <sup>2</sup>	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>	36 KGF/CM <sup>2</sup>	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>	55 KGF/CM <sup>2</sup>	55 KGF/CM <sup>2</sup>
Approval:	IS:15683		



## WATER AND FOAM BASED FIRE EXTINGUISHERS

### WATER / FOAM BASED STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Water)	9ltr. (Foam)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	13 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	100 sec	60 sec
MINIMUM RANGE OF JET	2 mts	2 mts
FIRE RATING	3A	4A,233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>	55 KGF/CM <sup>2</sup>
Approvals:	IS:15683 CE	



# HIGHER CAPACITY STORED PRESSURE

## TROLLY MOUNTED ABC TYPE FIRE EXTINGUISHERS (STORED PRESSURE)

FIRE EXTINGUISHER CAPACITIES	25kg.	50kg.	75kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	30 sec	30 sec	30 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	40 sec	50 sec	60 sec
MINIMUM RANGE OF JET	6 mtr.	6 mtr.	6 mtr.
FIRE RATING	20A, 233B	20A, 233B	20A, 233B
WORKING PRESSURE	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>	15KGF/CM <sup>2</sup>
HYDRO PRESSURE	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>	36KGF/CM <sup>2</sup>
BURSTING PRESSURE	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>	55KGF/CM <sup>2</sup>

Approval:  IS:16018



## TROLLY MOUNTED WATER & FOAM FIRE EXTINGUISHERS (STORED PRESSURE)

FIRE EXTINGUISHER CAPACITIES	60 ltr.(Water Based)	60 ltr. (Foam Based)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	30 sec	30 sec
MAXIMUM PERIOD OF DISCHARGE ATLEAST 90% OF CONTENTS	180 sec	180 sec
MINIMUM RANGE OF JET	6 mtr.	6 mtr.
FIRE RATING	20A	20A, 233B
WORKING PRESSURE	15 KGF/CM <sup>2</sup>	15 KGF/CM <sup>2</sup>
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>	36 KGF/CM <sup>2</sup>
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>	55 KGF/CM <sup>2</sup>

Approval:  IS:16018



# POWDER BASED FIRE EXTINGUISHERS



## TROLLEY MOUNTED BC / ABC TYPE FIRE EXTINGUISHERS

Safex 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. Safex Dry Chemical Powder Extinguishers are made from high performance deep drawn bodies, which reduces the number of welding joints and increasing the usage life. It can also be supplied with MONNEX, Mono Ammonium Phosphate and Potassium Bi Carbonate base Powder, on request. Safex Trolley Mounted Fire Extinguishers are easily serviced at site. Manufactured and Marketed bearing IS:10658.

FIRE EXTINGUISHER CAPACITIES	25kg.I/C-BC	25kg.I/C-ABC	25kg.O/C-BC	25kg.O/C-ABC	50kg.BC	50kg.ABC	75kg.BC	75kg.ABC
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	30 sec							
MINIMUM PERIOD TO DISCHARGE AT LEAST 90% OF CONTENTS	40 sec	40 sec	40 sec	40 sec	50 sec	50 sec	60 sec	60 sec
MINIMUM RANGE OF JET	6 mtr.							
FIRE RATING	233B	20A, 233B						
WORKING PRESSURE	15 KGF/CM <sup>2</sup>							
HYDRO PRESSURE	36 KGF/CM <sup>2</sup>							
BURSTING PRESSURE	55 KGF/CM <sup>2</sup>							

Approval:  IS:16018



# AUTOMATIC FIRE TUBING SYSTEM

## SAFEX AUTOMATIC FIRE TUBING SYSTEM

Automatic self seeking fire tubing system puts out fires when they start, where they start. Designed for installation inside enclosures and inaccessible areas. No complex electronics. Safe against malfunction. Best cost-performance ratio.

## FIRE TUBE - THE DIFFERENCE FASTEST SENSING AT 88.7°C

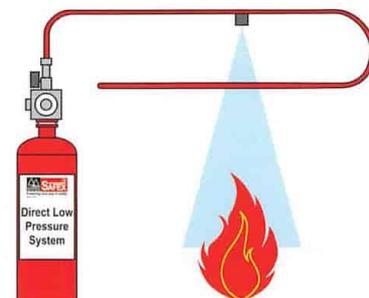
- Acts as a multi-sensor and multi extinguishing jet.
- Made of a high-tech polymer.
- Combines long-time resistance & flexibility.
- Temperature sensitivity, when bursting at the hottest spot, it ruptures as a nozzle shape opening.



## THE DIRECT SYSTEM

The extinguishing agent is transported through the tube exactly to the origin of the fire.

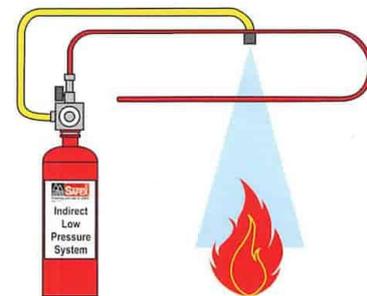
Cylinder Containing:  
Water, Foam, Powder, CO2, Argonite, Clean Agent Gas, Etc..



## THE INDIRECT SYSTEM

The detection tube just triggers the valve when it detects a fire. The extinguishing agent discharges through a conventional outlet port.

Cylinder Containing:  
Water, Foam, Powder, CO2, Argonite, Clean Agent Gas, Etc..



## ADVANTAGES

- Linear detection line
- Rapid reaction time
- 24 hours a day ready for use
- No external power supply
- Flexible positioning of the Safex tube
- Can be installed into inaccessible areas
- Minimal environmental damages
- Minimum maintenance
- No accidental discharges through a disruption of the fire detector
- Can be used in every environment (marine, industrial atmosphere)
- Low and high pressure applications
- Not affected by vibration or knocks
- Quick and simple installation
- Low price - high performance relationship

\*The System is available in High Pressure and Low Pressure

You can't reach the fire?  
SAFEX FIRE TUBING can



# AUTOMATIC MODULAR FIRE EXTINGUISHER

## AUTO SAFE AUTOMATIC FIRE EXTINGUISHER

Safex presents Modular type ABC Clean Agent Gas along with a range of gaseous Fire Automatic Extinguishers.

SAFEX Automatic ABC Dry Chemical Powder or Clean Agent Gas & other gaseous Fire Extinguishers is a technological break through that provides automatic fire protection for electrical and electronic flammable liquid and variety of other risks.

Auto Safe is an Automatic Extinguisher, which does not require any external source of power to operate. It can be utilized for local applications or total flooding of hazards.

The Modular type Extinguisher is based on Sprinkler technology. Unlike the Sprinkler, the Nozzle is Gas-tight. The release temperature can be adjusted to suit prevailing conditions.

This Extinguishers are most ideal for protection of computer area, ATM Center, server room, fuel and flammable liquid storage, oil fill-in stations, transformers, automobile garages, marine engines, paint and varnish booths, welding benches, domestic gas Storage's particularly for hotels etc, and where water damage cannot be tolerated.



## TECHNICAL DATA CONSTRUCTION

Automatic Powder & Clean Agent Gas Fire Extinguisher mainly consist of MIG welded M.S. body 2 mm CRC Sheet upper part of which is fitted with adapter or Flange for fixing on ceiling wall. And below part fixed automatic release Nozzle based on Sprinkler technology unlike the Sprinkler Nozzle is gas tight the release temperature is adjusted with sprinkler imported bulb set at 57°C, or 68°C or special temperatures according to specific requirements and imported pressure gauge fitted for instant verification of reliability of every unit.

Nozzle is specially designed to give more than 99% discharge. Together with orifice characteristic to cover adequately fire risks with scattering cone of 40° to 45° angle.

**This extinguisher is presently available in 4 sizes: 2, 5, 10 and 15 Kgs** with either wall or ceiling mounted, Extinguishers of higher capacities and with special mounting's bracket can also be offered.

## PERFORMANCE DATA

Cap. Avail.	Propellant	Working Pressure (kgs / cm <sup>2</sup> )	Testing Pressure (kgs / cm <sup>2</sup> )	Area Protection	Volume Protected	Hanging Vertically Above Risk	Operation Time in Seconds	App.Net Weight Gross	Extinguishing Agent
2 kgs	Nitrogen	7 to 10	35	1 to 1.5m <sup>2</sup>	3m <sup>2</sup>	1.5m	8-10	3.8	Powder/Clean Agent Gas
5 kgs	Nitrogen	7 to 10	35	3.5 to 4m <sup>2</sup>	8m <sup>2</sup>	1.5 to 2m	10-15	8.5	Powder/Clean Agent Gas
10 kgs	Nitrogen	7 to 10	35	7 to 8m <sup>2</sup>	15m <sup>2</sup>	1.75 to 2.25m	15-20	15	Powder/Clean Agent Gas
15 kgs	Nitrogen	13 to 15	35	8 to 10m <sup>2</sup>	20m <sup>2</sup>	2 to 3m	18-23	20	Powder/Clean Agent Gas

Note: Utilization temperature: 57°C to 107°C

## THE ADVANTAGES

- Keeps guard and Extinguishes fire quickly and efficiently, especially in those places where fire could cause extensive damage if not detected and extinguished in time.
- Hazard free clean agent keeps article safe and intact in case of fire.
- Provides concentrated fire protection for vital equipments.
- Highly Cost effective compared to automatic Fixed Fire Protection Systems.
- It is a Portable unit, easy to install and re-locate.
- Imported pressure gauge fitted for instant verification of functionality and reliability of every unit.
- Automatic and reliable security round the clock.
- Provides security in case of emergencies and power failure without power backup.