

ALUMINIUM FIRE EXTINGUISHERS

Thanks to a switch over to aluminum bodies, Safex's new extinguisher is lighter and thus more portable. So you spend fewer minutes in carrying the extinguisher to the fire and fighting it successfully.

There's more to it than meets the eye. The new aluminum cylinders are produced by the extrusion method, rather than the spinning of steel pipes. This leaves no room for leakage or tampering. The result is an extinguisher that is not only lighter, but also sturdier and corrosion free.

FOAM BASED FIRE EXTINGUISHERS (ALUMINIUM)

FOAM BASED STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	6lt.	9lt.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	15 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	40 sec.	60 sec
RANGE OF JET	3 mtr.	6 mtr.
EMPTY. WT. (APPROX)	1.8 kg	3.2 kg
FULL WT. (APPROX)	7.8 kg	12.2 kg
FIRE RATING	2A, 34B	4A, 89B
WORKING PRESSURE	15 KGf/CM ²	15 KGf/CM ²
HYDRO PRESSURE	35 KGf/CM ²	35 KGf/CM ²
BURSTING PRESSURE	55 KGf/CM ²	55 KGf/CM ²

Approvals: IS:15683



WATER BASED FIRE EXTINGUISHERS (ALUMINIUM)

WATER BASED STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	6lt.	9lt.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	20 sec	60 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	50 sec	120 sec
RANGE OF JET	3 mtr.	6 mtr.
EMPTY. WT. (APPROX)	1.8 kg.	3.2 kg.
FULL WT. (APPROX)	7.8 kg.	12.2 kg.
FIRE RATING	2A	3A
WORKING PRESSURE	15 KGf/CM ²	15 KGf/CM ²
HYDRO PRESSURE	35 KGf/CM ²	35 KGf/CM ²
BURSTING PRESSURE	55 KGf/CM ²	55 KGf/CM ²

Approvals: IS:15683



CLEAN AGENT GAS BASED FIRE EXTINGUISHERS (ALUMINIUM)

CLEAN AGENT STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	2kg.	4kg.	6kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	16 sec	20 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	16 sec	20 sec	25 sec
RANGE OF JET	2 mtr.	2 mtr.	2 mtr.
EMPTY. WT. (APPROX)	0.8 KG	1.6 KG	2.0 KG
FULL WT. (APPROX)	2.8 KG	5.6 KG.	9.0 KG.
FIRE RATING	8B	1A, 13B	2A, 21B
WORKING PRESSURE	15KGF/CM ²	15KGF/CM ²	15KGF/CM ²
HYDRO PRESSURE	35KGF/CM ²	35KGF/CM ²	35KGF/CM ²
BURSTING PRESSURE	55KGF/CM ²	55KGF/CM ²	55KGF/CM ²

Approval: EN3.7



IS:15683

GAS: DUPONT™ FE36™ Clean Agent



POWDER BASED FIRE EXTINGUISHER (ALUMINIUM)

ABC STORED PRESSURE TYPE FIRE EXTINGUISHER.

FIRE EXTINGUISHER CAPACITIES	1 KG	2 KG	4 KG	6 KG	9 KG
MINMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 SEC	8 SEC	16 SEC	20 SEC	25 SEC
MAXIMUM PERIOD OF DISCHARGE ATLEAST 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)	0.55 KG	0.7 KG	1.5 KG.	1.8 KG.	3.2 KG
FULL WT. (APPROX)	1.55KG.	2.7 KG.	5.5 KG.	7.8 KG.	12.2 KG.
FIRE RATING	1A, 8B	1A, 8B	2A, 34B	4A, 55B	6A, 89B
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²	15 KGF/CM ²
HYDRO PRESSURE	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²	35 KGF/CM ²
BURSTING PRESSURE	55 KGF/CM ²	55 KGF/CM ²	55 KGF/CM ²	55 KGF/CM ²	55 KGF/CM ²

Approval: IS:15683



POWDER BASED FIRE EXTINGUISHERS

ABC STORED PRESSURE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	1kg.	2kg.	4kg.	6kg.	9kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	8 sec	16 sec	20 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 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)	1kg.	2.3kg.	2.75kg.	3.3kg.	5.35kg.
FULL WT. (APPROX)	2kg.	4.3kg.	6.75kg.	9.3kg.	14.35kg.
FIRE RATING	1A,8B	1A,8B	2A,34B	4A,55B	6A,89B
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
BURSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²

Approvals: IS:15683 CE



BC / ABC SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHERS

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	15 sec	20 sec	20 sec	25 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	20 sec	20 sec	25 sec	25 sec	30 sec	30 sec
RANGE OF JET	4 mtr.	4 mtr.	4 mtr.	4 mtr.	6 mtr.	6 mtr.
EMPTY. WT. (APPROX)	4.5kg.	4.5kg.	5.2kg.	5.2kg.	7.05kg.	7.05kg.
FULL WT. (APPROX)	8.5kg.	8.5kg.	11.2kg.	11.2kg.	16.05kg.	16.05kg.
FIRE RATING	34B	2A,34B	34B	3A,34B	34B	4A, 34B
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	35 KG/CM ²	35 KG/CM ²	35 KG/CM ²
BURSTING PRESSURE	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²	55 KG/CM ²

Approval: IS:15683



TROLLEY MOUNTED BC / ABC TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	25kg./I/C	25kg.O/C	50kg.	75kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	25 sec	25 sec	40 sec	50 sec
MINIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	30 sec	30 sec	50 sec	60 sec
RANGE OF JET	6 mtr.	6 mtr.	8 mtr.	10 mtr.
EMPTY. WT. (APPROX)	24kg.	30kg.	60kg.	75kg.
FULL WT. (APPROX)	50kg.	55kg.	110kg.	150kg.
WORKING PRESSURE	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²	15 KG/CM ²
HYDRO PRESSURE	30 KG/CM ²	30 KG/CM ²	30 KG/CM ²	30 KG/CM ²
BURSTING PRESSURE	45 KG/CM ²	45 KG/CM ²	45 KG/CM ²	45 KG/CM ²

Approval: IS:10658



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	60 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	120 sec	60 sec
RANGE OF JET	6 mtr.	6 mtr.
EMPTY. WT. (APPROX)	5.35kg.	5.35kg.
FULL WT. (APPROX)	14.35kg.	14.35kg.
FIRE RATING	3A	4A,89B
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
HYDRO PRESSURE	35 KGF/CM ²	35 KGF/CM ²
BURSTING PRESSURE	55 KGF/CM ²	55 KGF/CM ²

Approvals: IS:15683 CE



WATER / FOAM SQUEEZE GRIP CARTRIDGE TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	9ltr. (Water)	9ltr. (Foam)
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	60 sec	25 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	120 sec	60 sec
RANGE OF JET	6 mtr.	6 mtr.
EMPTY. WT. (APPROX)	7kg.	7kg.
FULL WT. (APPROX)	16kg.	16kg.
FIRE RATING	3A	3A,34B
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
HYDRO PRESSURE	35 KGF/CM ²	35 KGF/CM ²
BURSTING PRESSURE	55 KGF/CM ²	55 KGF/CM ²

Approval: IS:15683



TROLLEY MOUNTED WATER CO₂ & MECHANICAL FOAM TYPE FIRE EXTINGUISHERS

FIRE EXTINGUISHER CAPACITIES	WATER BASED	FOAM BASED
	50ltr.	50ltr.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	60 sec	40 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	180 sec	180 sec
RANGE OF JET	10 mtr.	10 mtr.
EMPTY. WT. (APPROX)	35kg.	35kg.
FULL WT. (APPROX)	80kg.	80kg.
WORKING PRESSURE	15 KGF/CM ²	15 KGF/CM ²
HYDRO PRESSURE	30 KGF/CM ²	30 KGF/CM ²
BURSTING PRESSURE	45 KGF/CM ²	45 KGF/CM ²

Approvals: IS:13385 IS:13386



CLEAN AGENT GAS BASED FIRE EXTINGUISHERS

CLEAN AGENT STORED PRESSURE TYPE FIRE EXTINGUISHERS



FIRE EXTINGUISHER CAPACITIES	1kg.	2kg.	4kg.	6kg.
MINIMUM PERIOD FOR WHICH THROW OF JET MAINTAINED	8 sec	8 sec	16 sec	20 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 90% OF CONTENTS	10 sec	16 sec	20 sec	25 sec
RANGE OF JET	1 mtr.	2 mtr.	2 mtr.	2 mtr.
EMPTY. WT. (APPROX)	1.2kg.	2.3kg.	2.75kg.	3.3kg.
FULL WT. (APPROX)	2.2kg.	4.3kg.	6.75kg.	9.3kg.
FIRE RATING	8B	8B	1A,34B	21B
WORKING PRESSURE	15KGf/CM ²	15KGf/CM ²	15KGf/CM ²	15KGf/CM ²
HYDRO PRESSURE	35KGf/CM ²	35KGf/CM ²	35KGf/CM ²	35KGf/CM ²
BURSTING PRESSURE	55KGf/CM ²	55KGf/CM ²	55KGf/CM ²	55KGf/CM ²
Approval:	EN3.7	CE	IS:15683	
GAS: DUPONT™ FE36™ Clean Agent				

AUTOMATIC MODULAR FIRE EXTINGUISHERS



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 ²)	Testing Pressure (kgs / cm ²)	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 ²	3m ³	1.5m	8-10	3.8	Powder/Clean Agent Gas
5 kgs	Nitrogen	7 to 10	35	3.5 to 4m ²	8m ³	1.5 to 2m	10-15	8.5	Powder/Clean Agent Gas
10 kgs	Nitrogen	7 to 10	35	7 to 8m ²	15m ³	1.75 to 2.25m	15-20	15	Powder/Clean Agent Gas
15 kgs	Nitrogen	13 to 15	35	8 to 10m ²	20m ³	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.

CO2 GAS BASED FIRE EXTINGUISHERS



WHEEL TYPE / SQUEEZE GRIP TYPE CO2 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	8 sec	8 sec	8 sec	8 sec	8 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	10 sec	16 sec	20 sec	10 sec	16 sec	25 sec
RANGE OF JET	2 mtr.	2 mtr.	2 mtr.	2 mtr.	2 mtr.	2 mtr.
EMPTY. WT. (APPROX)	6.2kg.	9.5kg.	12.5kg.	6.2kg.	9.5kg.	12.5kg.
FULL WT. (APPROX)	8.2kg.	12.5kg.	17kg.	8.2kg.	12.5kg.	17kg.
FIRE RATING	8B	13B	21B	13B	21B	21B
WORKING PRESSURE	60KGF/CM ²	60KGF/CM ²	60KGF/CM ²	60KGF/CM ²	60KGF/CM ²	60KGF/CM ²
HYDRO PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
BURSTING PRESSURE	600KGF/CM ²	600KGF/CM ²	600KGF/CM ²	600KGF/CM ²	600KGF/CM ²	600KGF/CM ²

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	10 sec	15 sec	20 sec
MAXIMUM PERIOD TO DISCHARGE ATLEAST 95% OF CONTENTS	20 sec	36 sec	60 sec
RANGE OF JET	2 mtr.	2 mtr.	2 mtr.
EMPTY. WT. (APPROX)	20kg.	26kg.	43.5kg.
FULL WT. (APPROX)	26.5kg.	35kg.	80kg.
FIRE RATING	N/A	N/A	N/A
WORKING PRESSURE	60KGF/CM ²	60KGF/CM ²	60KGF/CM ²
HYDRO PRESSURE	250KGF/CM ²	250KGF/CM ²	250KGF/CM ²
BURSTING PRESSURE	600KGF/CM ²	600KGF/CM ²	600KGF/CM ²

Approval:  IS:2878

