



Portable Fire Extinguisher
(Stored Pressure / Gas Cartridge Type)

Technical Specification

Capacity	1 Kg	2 Kgs.	4 Kgs.	6 Kgs.	9 Kgs.
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683	15683	15683
Type of Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure	Constant Pressure	Constant Pressure
Type of Extinguishing Media	Dry Powder IS 14609	Dry Powder IS 14609	Dry Powder IS 14609	Dry Powder IS 14609	Dry Powder IS 14609
Expellant	Pressurized with N ₂ gas	Pressurized with N ₂ gas	Pressurized with N ₂ gas/ 90/120gm Gas Cartridge	Pressurized with N ₂ gas/ 120gm Gas Cartridge	Pressurized with N ₂ gas/ 200gm Gas Cartridge
Minimum Effective Discharge (%)	85	85	85	85	85
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 8 sec.	More than 8 sec.	More than 8 sec.	More than 8 sec.	More than 8 sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	15	15	15	15	15
Operating Temperature Range°C)	(-10 to (+)60	(-10 to (+)60	(-10 to (+)60	(-10 to (+)60	(-10 to (+)60
Operating Valve	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Discharge hose & Nozzle	Squeeze Grip Type with Discharge hose & Nozzle	Squeeze Grip Type with Discharge hose & Nozzle
Fire Rating	1A, 21B, C	1A, 21B, C	2A, 55B, C	3A, 89B, C	4A, 144B, C

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Class C Fire : Flammable Gasses, Industrial Gasses etc.

As well as Electrical Fires.



Wood, Paper, Fabric, etc.



Oil, Kerosene, Petrol, etc.



Flammable Gases



Electrically Started



IS 15683:2016
CMIL-2730754



ISO 9001



CE 2132



Portable Fire Extinguisher (Stored Pressure / Gas Cartridge Type)

Technical Specification

	WATER		FOAM	
	6 Ltrs.	9 Ltrs.	6 Ltrs.	9 Ltrs
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683	15683
Type of Extinguisher	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge	Constant Pressure/Gas Cartridge
Type of Extinguishing Media	Soft Water	Soft Water	Water & AFFF IS 4989	Water & AFFF IS 4989
Expellant	Pressurized with N ₂ gas / 60gm Gas Cartridge	Pressurized with N ₂ gas / 90gm/120gm Gas Cartridge	Pressurized with N ₂ gas / 60gm Gas Cartridge	Pressurized with N ₂ gas / 90gm/120gm Gas Cartridge
Minimum Effective Discharge (%)	95	95	95	95
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 13 sec.	More than 13 sec.	More than 13 sec.	More than 13 sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35	35
Operating Position	Upright	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	15	15	15	15
Operating Temperature Range°(C)	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60
Operating Valve	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle	Squeeze Grip Type with Discharge hose and Nozzle
Fire Rating	3A	4A	3A, 89B	4A, 144B

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Caution : Do not use on Electrical Fires.



Wood, Paper,
Fabric, etc.



Oil, Kerosene,
Petrol, etc.



WATER / FOAM

PULL

1. Pull the safety pin out of the fire extinguisher. Pulling the pin will break the tamper seal and allow the fire extinguisher to be used.



SQUEEZE

2. Squeeze the handle of the fire extinguisher. This will cause the fire extinguisher to discharge the extinguishing agent.



SWEEP

3. Sweep the fire extinguisher back and forth across the base of the fire. This will help to extinguish the fire.



AIM

4. Aim the fire extinguisher at the base of the fire. This will help to extinguish the fire.



Technical Specification

Capacity	2 Kgs	3 Kgs	4.5 Kgs	6.5 Kgs	9 Kgs	22.5 Kgs
Confirming IS Code	15683	15683	15683	16018	16018	16018
Filling Ratio	0.667	0.667	0.667	0.667	0.667	0.667
Type of Extinguisher	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type	CO ₂ Type
Type of Extinguishing Media	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas	CO ₂ Gas
Expellant	Self	Self	Self	Self	Self	Self
Minimum Effective Discharge (%)	95	95	95	95	95	95
Minimum Discharge Time (Sec.)	More than 8	More than 8	More than 8	More than 15	More than 15	More than 15
Min. Throw (mtr.)	1	1	1	-	-	-
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Valve (IS 3224)	Wheel / Squeeze Grip Type	Wheel / Squeeze Grip Type	Wheel / Squeeze Grip Type	Wheel Type	Wheel Type	Wheel Type
Operating Temperature Range ^o C	(-20 to +360)	(-20 to +360)	(-20 to +360)	(-20 to +360)	(-20 to +360)	(-20 to +360)
Fire Rating	21B, C	34B, C	55B, C	55B	89B	89B

Co2 Gas Cartridge for Fire Extinguisher

Capacity	60 gms	120 gms	200 gms	300 gms
IS Specification No.	4947	4947	4947	4947
Complete Wt. Empty (in gms) approx.	530	810	980	1240
Complete Wt. charged (in gms)	590	930	1180	1540
Working Pressure at 27 ± 2°C(kgf/cm ²)	140	140	140	140
Hydraulic Test Pressure (kgf/cm ²)	250	250	250	250
Dia of Pipe (in mm)	45	51	51	51
Overall Height (in mm)	151	181	245	350

Application :-

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.
Class C Fire : Flammable Gases, Industrial Gases etc.

As well as Electrical Fires.



Oil, Kerosene, Petrol, etc.



Flammable Gases



Electrically Started





CLEAN AGENT

Technical Specification

Capacity	2 Kgs	4 Kgs	6 Kgs
Anti-Corrosive Inhibitor	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Confirming IS Code	15683	15683	15683
Type of Extinguisher	Constant Pressure	Constant Pressure	Constant Pressure
Type of Extinguishing Media	HFC 236 fa	HFC 236 fa	HFC 236 fa
Expellant	Pressurized with N ₂ gas	Pressurized with N ₂ gas	Pressurized with N ₂ gas
Minimum Effective Discharge (%)	95	95	95
Minimum Jet Length (mtrs.)	More than 2 mtr.	More than 2 mtr.	More than 2 mtr.
Discharge Time (Sec.)	More than 13 sec.	More than 13 sec.	More than 13 sec.
Hydraulic Test Pressure (kgf/cm ²)	35	35	35
Operating Position	Upright	Upright	Upright
Charged Pressure (kgf/cm ²)	18	18	18
Operating Temperature Range °(C)	0 to (+)60	0 to (+)60	0 to (+)60
Operating Valve	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Nozzle	Squeeze Grip Type with Nozzle
Fire Rating	1A, 8B, C	2A, 13B, C	3A, 21B, C

Note : Also available in Stainless Steel Body

Application :

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Class C Fire : Flammable Gasses, Industrial Gasses etc.

As well as Electrical Fires.



Wood, Paper, Fabric, etc.



Oil, Kerosene, Petrol, etc.



Flammable Gases



Electrically Started





KITCHEN FIRE EXTINGUISHER

Technical Specification

Capacity	2 Ltrs.	4 Ltrs.	6 Kgs	9 Kgs
Working Temperature	+5°C to +55°C	+5°C to +55°C	+5°C to +55°C	+5°C to +55°C
Cylinder Testing Pressure	35 bar	35 bar	35 bar	35 bar
Service Pressure	12 bar	12 bar	12 bar	12 bar
Filling Tolerance	0, (-) 5% by volume	0, (-) 5% by volume	0, (-) 5% by volume	0, (-) 5% by volume
Min. Effective Discharge Time	10 Seconds (Minimum)	13 Seconds (Minimum)	13 Seconds (Minimum)	13 Seconds (Minimum)
Charge	Wet Chemical	Wet Chemical	Wet Chemical	Wet Chemical
Propellant	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Suitable Class of Fire	Class A, Class K (Vegetable Oil, Animal Fat, Cooking Oil & Grease)			

Features :

1. Simple operation and maintenance.
2. Wide angle, soft discharge spray pattern.
3. Natural polished stainless steel body.
4. Easily rechargeable.
5. Specially designed nozzle ensuring user's safety.

Class K Fire are fires that involve cooking oils, grease or animal fat and can be extinguished using Wet Chemical, that typical agent found in Kitchen fire extinguishers.

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.
Class K Fire : Cooking Oils, Vegetable/Animal Oils & Fat Fire.



Wood, Paper,
Fabric, etc.



Cooking Oils, Fats



Self Triggered Stand Alone Type Fire Extinguisher

(Automatic Modular Type Fire Extinguishers)



Technical Specification

Capacity	2 Kgs.	5 Kgs.	10 Kgs.	15 Kgs.
Media	ABC Powder/Clean Agent	ABC Powder/Clean Agent	ABC Powder/Clean Agent	ABC Powder/Clean Agent
Area Coverage	2 - 3m ² / approx.	3 - 4m ² / approx.	5 - 7m ² / approx.	8 - 10m ² / approx.
Test Pressure	30 kgf/cm ²	30 kgf/cm ²	30 kgf/cm ²	30 kgf/cm ²
Anti Corrosive Treatment	Powder Coated	Powder Coated	Powder Coated	Powder Coated
Shell Diameter	175mm ± 5 %	240mm ± 5 %	300mm ± 5 %	405mm ± 5 %
Overall Height	185mm ± 2.5 %	265mm ± 2.5 %	350mm ± 2.5 %	255mm ± 2.5 %
Charged Weight	3.5 kg approx.	7.5 kg approx.	13.5 kg approx.	20.5 kg approx.
Bulb Temperature	56-107 Degree	56-107 Degree	56-107 Degree	56-107 Degree
Charged Pressure	15 kgf/cm ²	15 kgf/cm ²	15 kgf/cm ²	15 kgf/cm ²
Operational Time in seconds	5-7	8-10	10-15	18-24
Mounting	Ceiling Mounting Type	Ceiling Mounting Type	Ceiling Mounting Type	Ceiling Mounting Type

Note : 4 Kgs., 6 Kgs. & 9 Kgs. capacity also available.

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Class C Fire : Flammable Gases, Industrial Gases etc.

As well as Electrical Fires.



Wood, Paper,
Fabric, etc.



Oil, Kerosene,
Petrol, etc.



Flammable
Gases



Electrically
Started



WHEELED WATER/FOAM

Trolley Fire Extinguisher

MODEL: Wheeled powder fire extinguisher



Class A

Common Combustibles

Wood, Paper, Cloth, Rubber, Trash, Plastics etc.



Class B

Flammable Liquids

Solvents, Oil, Gasoline, Paint etc.



Class C

Flammable Gases

Propane, Butane etc.



Technical Specification

Water/Foam Wheeled Extinguishers also available in
20 Ltrs., 60 Ltrs. & 135 Ltrs.

	WATER			FOAM		
Capacity	45 Ltrs.	45 Ltrs.	45 Ltrs.	45 Ltrs.	45 Ltrs.	45 Ltrs.
Conforming IS Specn.	16018	16018	16018	16018	16018	16018
Type of Fire	A Class	A Class	A Class	A & B Class	A & B Class	A & B Class
Type of Extinguisher	Water Type	Water Type	Water Type	Mechanical Foam Type	Mechanical Foam Type	Mechanical Foam Type
Type of Extinguishing Media	Soft Water	Soft Water	Soft Water	Water & AFFF (3 Ltr. of 6% concentrate)	Water & AFFF (3 Ltr. of 6% concentrate)	Water & AFFF (3 Ltr. of 6% concentrate)
Expellant	N ₂ Gas Pressure	Internal CO ₂ Gas Cartridge 300gm (IS 4947)	External CO ₂ Gas Cartridge 2 Kgs.	N ₂ Gas Pressure	Internal CO ₂ Gas Cartridge 300gm (IS 4947)	External CO ₂ Gas Cartridge 2 Kgs.
Minimum Effective Discharge (%)	90	90	90	90	90	90
Minimum Jet Length (mtrs.)	6	6	6	6	6	6
Discharge Time (Sec.)	More than 30	More than 30	More than 30	More than 30	More than 30	More than 30
Hydraulic Test Pressure (kgf/cm ²)	30	30	30	30	30	30
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Temperature Range°(C)	(+5 to +)60	(+5 to +)60	(+5 to +)60	(+5 to +)60	(+5 to +)60	(+5 to +)60
Fire Rating	6A	6A	6A	6A, 144B	6A, 144B	6A, 144B

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Caution : Do not use on Electrical Fires.



Wood, Paper,
Fabric, etc.



Oil, Kerosene,
Petrol, etc.



WHEELED POWDER

Trolley Fire Extinguisher



Technical Specification

Capacity	25 Kgs.	25 Kgs.	25 Kgs..	50 Kgs.	50 Kgs.	75 Kgs.
Conforming IS Specn.	16018	16018	16018	16018	16018	16018
Type of Fire	BC / ABC	BC / ABC	BC / ABC	BC / ABC	BC / ABC	BC / ABC
Type of Extinguisher	Dry Powder Type	Dry Powder Type	Dry Powder Type	Dry Powder Type	Dry Powder Type	Dry Powder Type
Type of Extinguishing Media	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder	Dry Chemical Powder
Expellant	N ₂ Gas Pressure	Internal CO ₂ Gas Cartridge 300gm (IS 4947)	External CO ₂ Gas Cartridge 2 Kgs.	N ₂ Gas Pressure	External CO ₂ Gas Cartridge 2 Kgs.	External CO ₂ Gas Cartridge 2 Kgs.
Minimum Effective Discharge (%)	85	85	85	85	85	85
Minimum Jet Length (mtrs.)	6	6	6	6	6	6
Discharge Time (Sec.)	More than 30	More than 30	More than 30	More than 30	More than 30	More than 30
Hydraulic Test Pressure (kgf/cm ²)	30	30	30	30	30	30
Operating Position	Upright	Upright	Upright	Upright	Upright	Upright
Operating Temperature Range°(C)	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60	(+)5 to (+)60
Fire Rating	6A, 144B	6A, 144B	6A, 144B	6A, 144B	6A, 144B	6A, 144B

Application :-

Class A Fire : Wood, Textiles, Paper, Cloths, Cotton Mill, Jute Mill etc.

Class B Fire : Petroleum, Oil, Paint, Varnish, Solvent, Aviation Fuel, Flammable and Volatile Liquids etc.

Class C Fire : Flammable Gasses, Industrial Gasses etc.

As well as Electrical Fires.



Wood, Paper, Fabric, etc.



Oil, Kerosene, Petrol, etc.



Flammable Gasses



Electrically Started



IS 15683:2016
CMIL-2730754



ISO 9001



CE 2132

WHEELED WATER MIST SYSTEM & CAFS/BACKPACK WATER MIST SYSTEM & CAFS

(Compressed Air Foam System)



Technical Specification

Filling Capacity	45 Ltrs.	9 / 10 / 12 Ltrs.	15 Ltrs.
Material	Stainless Steel/Mild Steel	Stainless Steel	Stainless Steel
Working Pressure	8.0-9.0 Bar	7.5 Bar	7.5 Bar
Medium	Compressed Air	Compressed Air	Compressed Air
Pressure Cylinder	Cylinder	Cylinder	Cylinder
Filling Pressure	300 bar	300 bar	300 bar
Volume	6.8 Liters	2 Liters	4.7 Liters
Operating Time	More than 30 seconds	Appr. 35 seconds	Appr. 44 seconds
Flow Rate	-	24 Liters/min	24 Liters/min
Operating Temperature	+5°C to +55°C	+5°C ; Tmax +60°C	+5°C ; Tmax +60°C
Carrying Device	Ergonomically Shaped	Ergonomically Shaped	Ergonomically Shaped
Extinguishing Gun Changeover Time	Appr. 3 sec (jet to spray mode)	Appr. 3 sec (jet to spray mode)	Appr. 3 sec (jet to spray mode)
Extinguishing Gun Lancing Distance	≥ 15m jet mode	Appr. 13-16m jet mode / Appr. 6-7m spray mode	Appr. 13-16m jet mode / Appr. 6-7m spray mode
Ratings A Class Fire	6A	55A (as per EN3)	55A (as per EN3)
Ratings B Class Fire	233B	233 B (as per EN3)	233 B (as per EN3)
Weight Empty (with the gas bottle & Valve)	-	28 Kgs.	33 Kgs.

FIRE SUPPRESSION SYSTEM

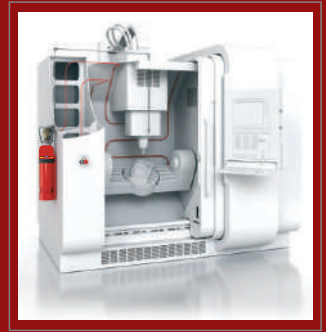
(Ideal for: Electrical Panels, CNC Machines, Server Rack, DG Set, Fume Hoods)

A. Local Application Systems

- Pre-engineered, space-efficient designs
- Direct release via heat-sensitive detection tube
- No external power or electronics required
- Available agents: CO₂, Dry Chemical, Clean Agent

A COMPLETE RANGE OF EXTINGUISHING AGENTS

- CO₂
- Inert Gas
- FK-1-12
- HFC227EA
- Powder
- Class F
- Water Based



TECHNOLOGY OVERVIEW

INDIRECT SYSTEM



- Detection tube: only detection function
- Discharge: separate discharge system (nozzle)
- The most effective performance: quicker discharge
- Possible manual actuation

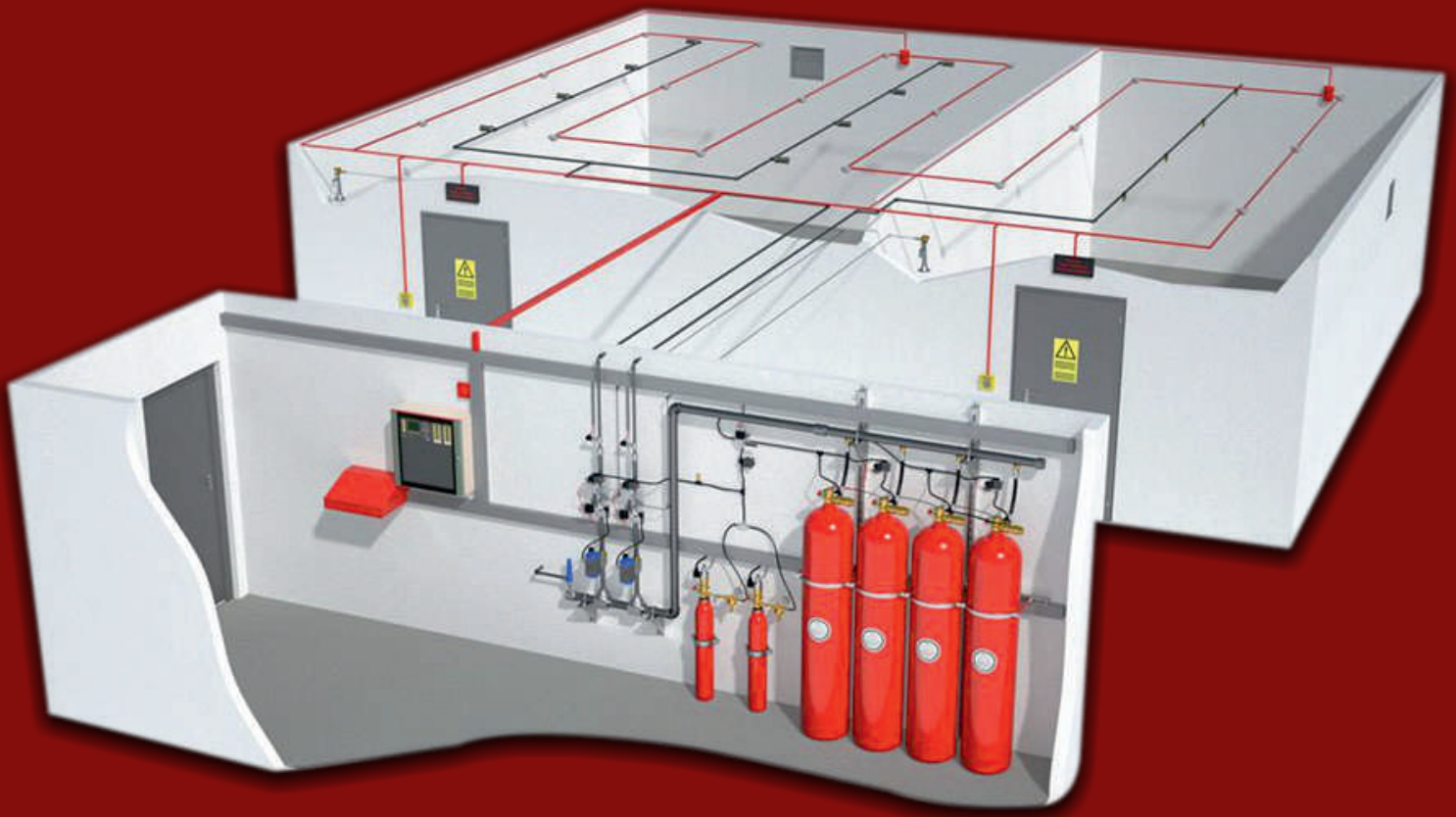
DIRECT SYSTEM



- Detection tube: detection & discharge function
- Discharge: via burst hole
- Ideal for: very small and difficult - to - access enclosures (<1m²)
- More Economical
- Very easy to install

Co² Flooding System

Ideal for: Data Centers, Archives, Control Rooms



DESCRIPTION

Co2 Cylinder / Master Valve / Stave Valve / Flexible Discharge Hose / Flexible Inter Connecting Hose / Non Return Valve / Directional Valve / Bleeder Valve / Pressure Switch / Solenoid Valve / Digital Weight Loss Indicator / Cylinder Mounting Frame / Manifold / Pressure Operated Siren / 180°/360° Discharge Nozzle / Weight Loss Indicator /

DIGITAL WEIGHT LOSS INDICATOR

- Displays Actual Weight of Cylinder.
- Displays WEIGHT LOSS and Audio Visual Alarm Sound on Loss of Weight more than 10% (or required by relevant standards) of gas contents.
- Electronics and environment-friendly
- Superior Extinguishing agent: HFC227ea
- 24 hour protection

MECHANICAL WEIGHT LOSS INDICATOR

- Green light remains on indicatting full weight
- On weight loss of more than 10% (or as required relevant standards) pf gas contents the balancing wieght shall drop down friggering Auto Visual Alarm.
- The Red light turns on indicating loss of weight

HIGH PRESSURE CARBON DIOXIDE SYSTEM

High pressure CO2 system is a specialized fire extinguishing system designed to maintain the carbon dioxide supply at 21° C and 850 psig in strength alloy steel cylinders. The cylinders contain the CO2 required to protect the largest single hazard. On large hazards where several cylinders are required, a manifold is used to connect each cylinder by means of flexible hoses and check valves. Cylinder valves control the CO2 flow to the hazard through properly sized pipe, terminating in nozzles that apply the CO2. Flow rate is controlled by nozzle orifices as well as pipe sizes. The cylinder master valves are electronically operated and the slave valves are pressure actuated. The master valves can be automatically and/or manually operated.

Note: System Based On Ce & Ul & Peso Approved

Total Flooding Systems

Ideal for: Data Centers, Archives, Control Rooms



DESCRIPTION

The causes of fire are many and therefore the classification of fires (A/B/C/D/K) is important. That's why fire protection specialists must select the appropriate fire-extinguishing system for suppressing a fire, particularly in complex commercial and institutional setups where the use of water is inappropriate, or even dangerous. Latest range of Gas-based Fire Suppression Systems – also known as Clean Agent Fire Suppression Systems – chemical agents to extinguish fires immediately. Each system typically consists of the agent along with agent storage containers, release valves, delivery piping and dispersion nozzles. Backed by legendary reputation in the area of fire safety equipment, these Fire Suppression Systems guarantee top-of-the-line quality and adherence to Indian fire safety regulations when it matters most

FEATURES :

All Clean Agent Cylinder is master valve cylinder & slave valve cylinder & flexible discharge hose & Flexible inter connecting hose & Non Return Valve & Stand by cylinder & Directional Valve & Pressure Loss Indicator & Cylinder Mounting Frame & Discharge Nozzle 360°/180°



ENVIRONMENT FRIENDLY

Most materials such as steel, aluminium, stainless steel, brass, as well as plastics, rubber and electronic components are not affected by exposure to FK-5-1-12 & HPC-227ea (SYNERGY 1230). This agent is also environmentally friendly, having an ozone depletion potential (ODP) of 0.00.



Minimum Downtime

FK-5-1-12 (SYNERGY 1230) leaves no residue thereby minimizing after fire clean up, along with keeping expensive downtime to a minimum.

Note: System based on novac1230/FK5-1-12 & HFC227ea

Vehicle Fire Protection & Detection System



Description

Forrex extinguishing agent -re-ignition protection / Fewer components – shorter installation time / Low maintenance frequency / Low total cost of ownership (TCO) Low environmental footprint / High volume product / Non-pressurized agent tank / Forrex extinguishing agent-re-ignition protection / Low maintenance frequency Low total cost of ownership (TCO)

MANUFACTURING

- The electrical sub-systems of FDSS are always individually tested, programmed and configured by using equipment connected to DafoCLOUD which enables full control and visibility about detailed test reports but also firmware files, settings and configurations used over the time.

INSTALLATION

- The FDSS-specific installation documentation is accessible for technicians via DafoCLOUD.

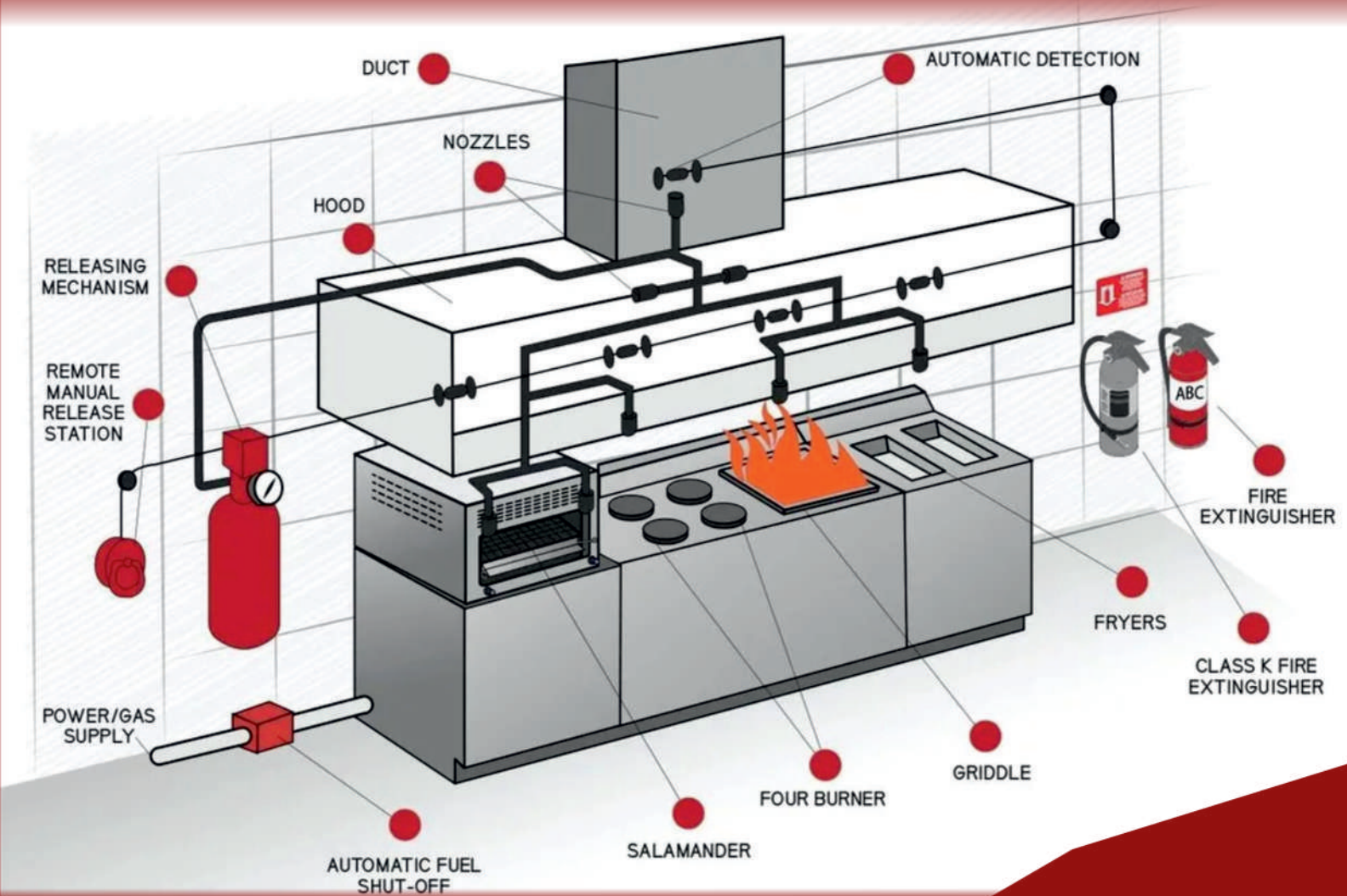
MAINTENANCE

- Both planned and unplanned maintenance activities, including associated time-stamped reports, photos/videos and reminders for next actions will be stored and handled by DafoCLOUD.
- Historical event logs of Control Units can be accessed from DafoCLOUD for in-depth analysis

FEATURES

The different protection zones are then protected in various ways by robust detection and suppression systems – both liquid based and gas-based solutions. Li-ion batteries are still a relatively new technology and Li-ion battery safety is a recent research area. Regulations and standards are to some extent lagging behind. Dafo Vehicle Fire Protection is in the forefront of the development as by participating in several research projects on how to deal with fire hazards of Li-ion batteries in vehicles in order to provide solutions for to reducing the risks and consequences of a thermal incident in or in connection with batteries in heavy commercial HEVs and EVs such as buses and trucks.

KITCHEN AUTOMATIC HOOD FIRE SUPPRESSION SYSTEM



KITCHEN FIRE PROTECTION

Risk of fire hazard proves to be very dangerous in the modern commercial kitchen. Fire in kitchen is generally due to burning of oil. However oil & fats burn at relatively high temperature and hence once they catch fire, extinguishing them is very difficult. Open flames, red hot cooking surfaces and a heavily grease- laden environment help the kitchen fire to spread quickly and have proven to be very difficult to extinguish. With the aim to protect modern kitchens from such risks we have developed **KITCHEN FIRE SUPPRESSION SYSTEM**. The system is developed according to the NFPA & UL Standards. It can be widely used in the Kitchens of the Hotels, Institutes, Restaurants and Hospitals etc.

Cylinder With Valve And Pressure Gauge With Master Control Panel & Automatic Mechanical/pneumatic System & Manual Activation Pull Station With Gas Shut-off Valve

K CLASS CYLINDER Stainless Steel Body

SYSTEM APPROVED BY: CE, PESO, UL & LPCB FM CERTIFIED ETC.



FEATURES



24 Hour Protection - An automatic detection and actuation controls ensure protection is always on



Minimal Downtime - Very easy to wipe of chemical, clean the equipment and restart your kitchen.



Manual Activation - The Manual release allows an activation of the system at the first sign of fire, even before it is automatically released.



Non Toxic - It does not release toxic vapours during discharge. It is ideal for the protection of normally occupied premises.

ACCESSORIES

Smoke / Heat Detector

LPG Detectors also available



Fire Alarm AC with Flasher



Manual Call Point



Fire Alarm Panel

(Conventional and Semi Addressable)



Battery Operated Smoke Detector



Carbon Mono Oxide / LPG Dedctor



Carbon Mono Oxide / LPG Dedctor



Fire Hooter (MS)



Fire Hooter (ABS)



Fire Hooter with Flasher

