



# Trusted Fire Safety Solutions

Complete range of certified fire  
extinguishers for reliable protection.

Fire Extinguishers

Fire Hydrant

Fire Detection

Fire Alarm

Fire Suppression System

# About Perfect Agnii

Perfect Safety & Solutions, proudly known as Perfect Agni, is an emerging yet rapidly growing name in India's fire safety and protection industry. Established in 2020, we've quickly built a reputation for delivering reliable, high-performance fire safety equipment and solutions to safeguard lives and assets across industrial plants, corporate offices, residential complexes, and commercial establishments.

Specializing in the design, supply, and maintenance of comprehensive fire protection systems, our portfolio includes advanced fire alarm systems, hydrant systems, extinguishers, suppression systems, emergency lighting, and premium personal protective equipment - all meeting the highest industry standards for safety and compliance. Our integrated approach ensures complete fire safety solutions from risk assessment to installation and maintenance.

## OUR MISSION

**"To deliver integrated fire safety solutions that combine innovation, quality, and rapid response, safeguarding people and property."**

## OUR VISION

**"To protect every home, workplace, and industry in India with certified, reliable, and affordable fire safety systems."**



# Why Work with Us



## **CERTIFIED QUALITY PRODUCTS**

All our fire extinguishers are manufactured to meet industry standards, ensuring reliable performance & maximum safety.



## **COMPREHENSIVE FIRE SAFETY SOLUTIONS**

From portable extinguishers to specialized fire protection equipment, we offer a complete range of products for every safety requirement.



## **EXPERT SUPPORT & GUIDANCE**

Our experienced team provides professional assistance in selecting the right fire safety solutions for your home, office, or industrial facility.



## **TRUSTED PROTECTION, PROVEN RELIABILITY**

With commitment to safety & customer satisfaction, our products are trusted by businesses & organizations across various industries.

# Area of Application



# Products

## Fire Extinguishers



### DRY POWDER ABC TYPE



### USES OF ABC



Paper, Wood, Plastics,  
Fabric, Rubber, Trash



Gasoline, Oil, Grease,  
Some Paints and  
Solvents



Energized Electrical  
Equipment, Appliances,  
Computers, Circuit  
Breakers, Wiring

### CARBON DI-OXIDE ( CO2 )



## WATER TYPE



### MODEL:

STORED PRESSURE & CARTIGRADGE TYPE  
AVAILABLE CAPACITY : 9 LTR.

### TYPE A

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

## FOAM TYPE



### MODEL:

STORED PRESSURE & CARTIGRADGE TYPE  
AVAILABLE CAPACITY : 9 LTR.

### TYPE A

FOR USE ON WOOD, PAPER, CLOTH PLASTIC ETC.

### TYPE B

FOR USE ON PETROL, OIL, PAINTS, SPIRIT  
CHEMICALS ETC.

## CLEAN AGENT



### MODEL:

STORED PRESSURE & CARTIGRADGE TYPE  
AVAILABLE CAPACITY : 9 LTR.

### TYPE A

FOR USE ON WOOD, PAPER, CLOTH PLASTIC ETC.

### TYPE B

FOR USE ON PETROL, OIL, PAINTS, SPIRIT  
CHEMICALS ETC.

### TYPE C

FOR USE ON COOKING & WELDING GAS,  
ELECTRICAL ETC.

## KITCHEN K TYPE



### MODEL:

STORED PRESSURE & CARTIRGRADE TYPE  
AVAILABLE CAPACITY : 9 LTR.

- A** TYPE 'A' FOR USE ON PAPER WOOD, CLOTH, PLASTIC ETC.
- K** GREASE OR OIL, SUCH AS VEGETABLE OILS, ANIMAL OILS, FATS IN COOKING APPLIANCES.

## MODULAR TYPE ( ABC & CLEAN AGENT TYPE ) ( CAPACITY - 2, 5, 10 KG )



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 and Clean Agent Gas Extinguishers.

Supplied Complete with Temperature Activation Bulb (680c) which Activates the Fire Extinguisher when the Temperature is Reached.

Wide Range of Uses Including Unattended Areas, Storage Rooms, Server Rooms, Engine Compartments.

## FIRE BALL



### TECHNICAL PARAMETERS

**WEIGHT :** 1.3 to 1.5kg

**OPERATING TEMPERATURE:** -400C to +850C

**DIAMETER :** 148 to 152 mm

**ACTIVATION TIME :** 3 to 8 SEC

**COVERAGE AREA :** Radius of Approximately 5.5 Sq.Ft

**SHELF LIFE:** Upto 5 Years from Date of Manufacture

- A** FOR USE ON PAPER, WOOD, CLOTH, PLASTICS ETC.
- B** FOR USE ON PETROL, OIL PAINTS, SPIRIT, CHEMICALS ETC.
- C** FOR USE ON COOKING & WELDING GAS, ELECTRICAL ETC.

# Products

## Fire Hydrant

### SINGLE OUTLET LANDING VALVE

#### APPLICATION TECHNICAL SPECIFICATION

|                    |                                           |
|--------------------|-------------------------------------------|
| Material           | Gun Metal LTB-2 & Stainless Steel         |
| Size               | 63 mm                                     |
| Specification      | Conforming To IS 5290 Performance Test    |
| Hydraulic Pressure | Tested At 21kgf/cm <sup>2</sup>           |
| Water Test         | Tested At 14kgf/cm <sup>2</sup>           |
| Flow Test          | 900 LPM Discharge At 7kgf/cm <sup>2</sup> |



### DOUBLE OUTLET LANDING VALVE



#### APPLICATION TECHNICAL SPECIFICATION

|                    |                                            |
|--------------------|--------------------------------------------|
| Material           | Gun Metal LTB-2 & Stainless Steel          |
| Size               | 63 mm                                      |
| Specification      | Conforming To IS 5290 Performance Test     |
| Hydraulic Pressure | Tested At 21kgf/cm <sup>2</sup>            |
| Water Test         | Tested At 14kgf/cm <sup>2</sup>            |
| Flow Test          | 1800 LPM Discharge At 7kgf/cm <sup>2</sup> |

### RRL HOSE PIPE

#### APPLICATION TECHNICAL SPECIFICATION

|                    |                                     |
|--------------------|-------------------------------------|
| Material           | Rubber Reinforced Lined (RRL) Hoses |
| Size               | 63 mm & 80 mm                       |
| Length             | Common Length Include 15m and 30m   |
| Binding Wire       | Copper or G J Wire                  |
| Specification      | IS : 636                            |
| Hydraulic Pressure | Tested At 13kg/cm <sup>2</sup>      |
| Water Test         | Tested At 39kg/cm <sup>2</sup>      |
| Model              | Type A, Type B & Type C             |



## MALE / FEMALE COUPLINGS



STAINLESS STEEL



GUN METAL



ALUMINIUM

### TECHNICAL SPECIFICATION

- **Size :** 63 mm
- **Material :** Stainless Steel / Gun Metal / Aluminium A1
- **Conforming Specification :** 5 9003 : 1993

### PERFORMANCE TEST

- **Hydrostatic Test ( Body Test) :** Tested At 21 Kg/cm<sup>2</sup>
- **Finish :** Natural Polished
- **Halogram :** Sticker Stuck On Coupling

## BRANCH PIPE



### 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



Single Door Hose Box (A)  
MS SS FRP

| Size(MM) | 450 x 600 x 250 |           |           |
|----------|-----------------|-----------|-----------|
|          | 22<br>swg       | 18<br>swg | 16<br>swg |



Double Door Fire Box  
MS SS FRP

| Size(MM) | 750 x 600 x 250 |           |           |
|----------|-----------------|-----------|-----------|
|          | 22<br>swg       | 18<br>swg | 16<br>swg |

### PERFORMANCE TEST

- **Hydrostatic Test ( Body Test) :** Tested At 21 Kg / cm<sup>2</sup>
- **Working Pressure :** 7kgf / cm<sup>2</sup>
- **Finish :** Natural Polished
- **Halogram :** Sticker Stuck On Nozzle

## FIRE BRIGADE INLET ( 2 WAY - 4 WAY )

### 2 WAY INLET FBC BREECHING

|          |                                         |
|----------|-----------------------------------------|
| Model    | 2 Way Inlet FBC Breeching               |
| Size     | 63 mm Dia                               |
| Material | Gun Metal / S.S & cast Iron Body        |
| Testing  | Hydraulic Test: 21Kgf / cm <sup>2</sup> |



### 4 WAY INLET FBC BREECHING

|          |                                         |
|----------|-----------------------------------------|
| Model    | 4 Way Inlet FBC Breeching               |
| Size     | 63 mm Dia                               |
| Material | Gun Metal / S.S & cast Iron Body        |
| Testing  | Hydraulic Test: 21Kgf / cm <sup>2</sup> |

## STAND POST ( SINGLE & DOUBLE )

### SINGLE STAND POST (DESCRIPTION)

- Water Tightness Test For The Valve 18 kgf/cm<sup>2</sup> (for 2.5 Min)
- Hydrostatic Pressure Test 23 kgf/cm<sup>2</sup> (for 2.5 Min)
- Flow Test 900 LPM Min 6.7 kgf/cm<sup>2</sup> (for single outlet)



### DOUBLE STAND POST (DESCRIPTION)

- Water Tightness Test For The Valve 18 kgf/cm<sup>2</sup> (for 2.5 Min)
- Hydrostatic Pressure Test 23 kgf/cm<sup>2</sup> (for 2.5 Min)
- Flow Test 900 LPM Min 6.7 kgf/cm<sup>2</sup> (for single outlet)



## STAND POST TYPE ( FOAM MONITOR)

### SPECIFICATIONS

|                       |                                 |
|-----------------------|---------------------------------|
| Design & Construction | As Per IS : 8442                |
| Material              | Seamless Mild Steel Tubes       |
| Size Of Monitor       | 63 mm                           |
| Size Of Inlet Flange  | 80 mm                           |
| 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    | 7 Bar                           |
| Leakage Pressure      | To Withstand Pressure Of 23 Bar |



## FIRST AID HOSE REEL DRUM

### TECHNICAL SPECIFICATIONS

**BIS SPECIFICATION :** IS 884/1958

**TYPE :** A Swinging Type, Wall Mounted

**SIZE :** INLET 20mm, 25mm

**MATERIAL OF CONSTRUCTION :** MS Sheet Conforming To IS 513

**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 Rubbef Hose Confirming To IS : 444



### PERFORMANCE TEST

**Hydraulic Test :** Tested At 21 Kg/cm<sup>2</sup>

**Range & Water Flow Rate Test At  
7Kgf / cm<sup>2</sup>**

(A) Discharge : 24 LPM

(B) Range (Jet Length) : 6 Mtr (Min)

**Halogram :** Sticker Stuck On Wheel

## THERMOPLASTIC HOSES

### TECHNICAL SPECIFICATIONS

|        |                      |
|--------|----------------------|
| Size   | 20mm & 25mm DIA      |
| Length | 30mtr, 45mtr & 60mtr |
| Color  | Red And Black        |
| Type   | 1 & 11               |



## AUTOMATIC SPRINKLERS



### TECHNICAL SPECIFICATIONS

#### TYPE:

pendent, Upright, Sidewall

#### TEMPERATURE :

57 Degree C

68 Degree C

79 Degree C

93 Degree C



## FLEXIBLE SPRINKLERS



Flexible Sprinkler Hose With Threaded End Fittings Are For Use In Commercial Suspended Ceilings. The Flexible Hoses Are To Be Installed According To The Manufactures Directives.



# FIRE ALARM SYSTEMS

## TECHNICAL SPECIFICATIONS

|                       |                                |
|-----------------------|--------------------------------|
| Power I/P             | 230 v.AC/ 24 V DC              |
| Power Consumption     | 30 Watt/200 Watt (Normal/Fire) |
| End Of Line           | 4 K 7                          |
| No. Of Zones          | 2, 4, 8, 16                    |
| Detection O/P supply  | 24 V DC                        |
| Hooter O/P Supply     | 24 V DC                        |
| Operating Temperature | 0°C to 40°C                    |
| Operating Humidity    | 95% (Non-Condensing)           |

## MECHANICAL SPECIFICATION

|              |                        |
|--------------|------------------------|
| Cabinet Type | MS                     |
| Colour       | Off White / Red        |
| Paint        | Powder Coating         |
| Knock Out    | 20 mm                  |
| Dimension    | 350x105x255 mm         |
| Weight       | 4.7 kg Without Battery |



## MANUAL CALL POINT ( MCP )

### FEATURES:

- Compatible With All Conventional Fire Control Panels.
- Alarm Test Key Facilities.
- Glass Protected by a Thin Film.
- Wall Mounted.
- LED Blinking Facility (Optional).



## HOOTER

### FEATURES:

- New Attractive Look
- Suitable For Malls, Restaurant, Banks Etc
- 100v AC/ 24v
- 85Db
- Abs Body
- 115x115x70
- Red Colour
- 600gm



## SMOKE DETECTOR

### TECHNICAL PARAMETERS:

- Voltage Range: 16-32 VDC
- Alarm Current: 10-100mA
- Quiescent: 60uA @ 24VDC
- Operating Temperature: 0°C to +9°C
- Humidity : < 95%RH
- Coverage: 50 Sq. Meters
- 2-Wire
- Product Size: 10.6 x 10.6 x 5.2cm



## SPARE PARTS



VALVE ASSEMBLY



WALL BRACKET



PRESSURE GAUGE



SAFETY LOCK PIN



TAMPER SEAL



SAFETY PIN CAP



CYLINDER PLASTIC BASE



NECK RING



RUBBER O RING



CO2 CARTRIDGE



FLOOR STAND



VEHICLE CYLINDER BRACKET



HOSE ASSEMBLY



HOSE WITH HORN



HOSE AND LANCE

## SPARE PARTS



THERMOPLASTIC HOSE PIPE



WASHER



LUGS



ADAPTER



CONTROL PANEL



PRESSURE SWITCH



NOZZLE/SHUT OFF VALVE (S.S)



PVC NOZZLE



CHECK REDUCER



NOZZLE/SHUT OFF VALVE (G.M)



HYDRANT WHEEL



## SIGNAGE



# PROJECT WORKS

## Clean Agent Suppression System

120L Chemiæ Agent Cylinder Ø365 2.5"M2UN-2B

Easy bracket

DN33 dip tube 120L 1.5"-16UN

Cylinder flange W80

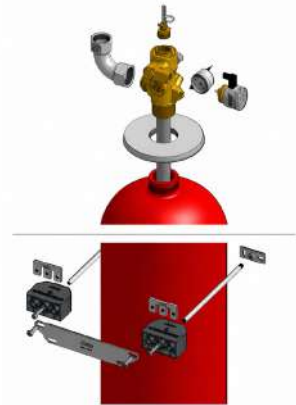
Discharge hose DN33

Manual actuator

Valve DN33 Chemical 50 bar

Pressure gauge with contact 50 bar - N.O.

Solenoid actuator for valve DN33 & DN50



## Inert Gas Suppression System

140L 200 BAR Inert Cylinder Ø356 25E

Easy bracket

Valve DN12 Inert 200 bar

Pressure gauge with contact 200 bar - N.O.

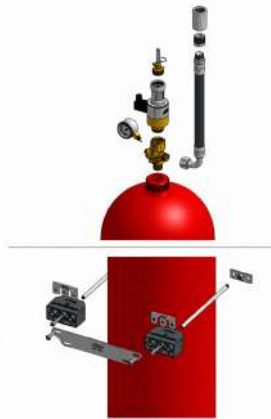
Solenoid actuator for valve DN12

Manual actuator

Discharge hose 90° elbow G3/4"

Coupling G3/4" BSP Female to 1" NPT Male

Restrictor Ø1"



## CO2 Suppression System

80L CO2 Cylinder Ø267, 25E

Bracket

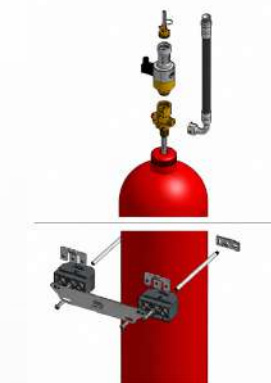
DN12 dip tube 80L M16x1

Valve DN12 CO2

Solenoid actuator for valve Dn12

Manual actuator

Discharge hose 90° elbow G3/4"



# PROJECT WORKS

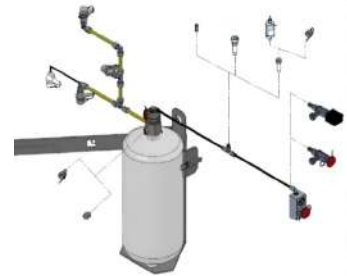
## Electric Fire Suppression System

Safex Electric Fire Suppression System is an advanced solution designed to protect electrical and electronic equipment from fire hazards. It ensures quick detection and suppression without causing damage to sensitive devices.



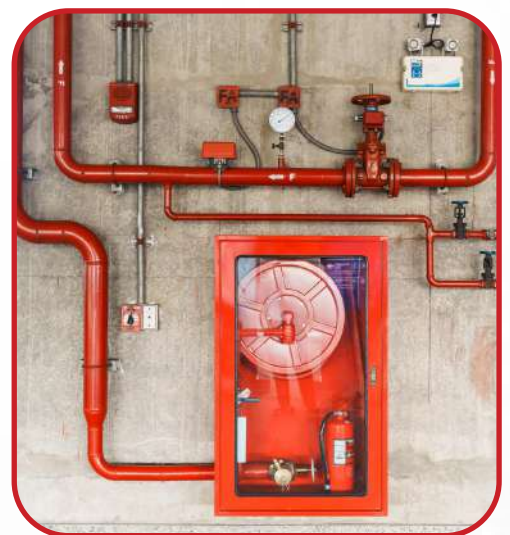
## Kitchen Fire Suppression System

Safex Kitchen Fire Suppression System is specially designed to protect kitchens from oil, grease, and appliance fires with rapid suppression technology.



## Hydrant System Installation

A fire hydrant system is a network of pipes, valves, and hydrants connected to a water supply, designed to provide firefighters with rapid access to water for extinguishing large fires. These systems are essential for fire safety and consist of a water source, pumps (if needed), and a distribution pipe network with strategically placed hydrants. The hydrants allow hoses to be connected, supplying water directly to a fire, and they may also be linked to other safety measures like automatic sprinkler systems.





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