



Over 700 products

Over 300 cities serviced

A Ceasefire product sold every 61 seconds.

**A LIFE SAVED EVERY 9 MINUTES**





**Powder MAP 50**



**Home Safety**



**Monnex**



**AFFF Foam**



**Powder MAP 90**



**Video Door Phones**



**Water**



**CCTV Systems**



**Security Pro Systems**



**Ceiling Mounted Powder**



**Smoke Detection Systems**



**Ceiling Mounted Clean Agent**

## The birth, and growth, of a **power brand**

**C**easefire launched its range of domestic fire extinguishers a few decades ago, created a new market altogether, dominated it, and in a few short years was named one of the top 10 marketing successes of the decade, alongside stalwarts like Levers and Colgate.

Today, Ceasefire spans home, commercial and industrial fire safety. And creates a new customer every 15 minutes. Such rapid growth demands exceptional service delivery. Our Sales and Service Network reaches out to 300 cities and towns across India, and a dedicated toll free Helpline is accessible 24x7.

### THINK SAFETY. THINK CEASEFIRE.

With a leadership position in every area of fire protection, Ceasefire is moving aggressively into an enhanced product range and other areas of safety. The launch of new fire fighting products will ensure that Ceasefire remains the number one in the country's fire protection market.

In addition, our home safety products are already making their presence felt in the market, with the Gas Leak Detector, Smoke Detector and 500gm/1kg Fire Extinguishers.

Two entirely new product ranges in security systems and smoke detection form the foundation for the future of Ceasefire. Our Security Division spans the gamut of security – from a basic range to cutting-edge systems that border on space age. And our Projects Division marks a tie-up with world leader Hochiki, via which we bring to India a range of state-of-the-art wired smoke detection systems.

Each of these Division addresses a vast market. To each, we will bring Ceasefire's signature technology edge and keen marketing insights.

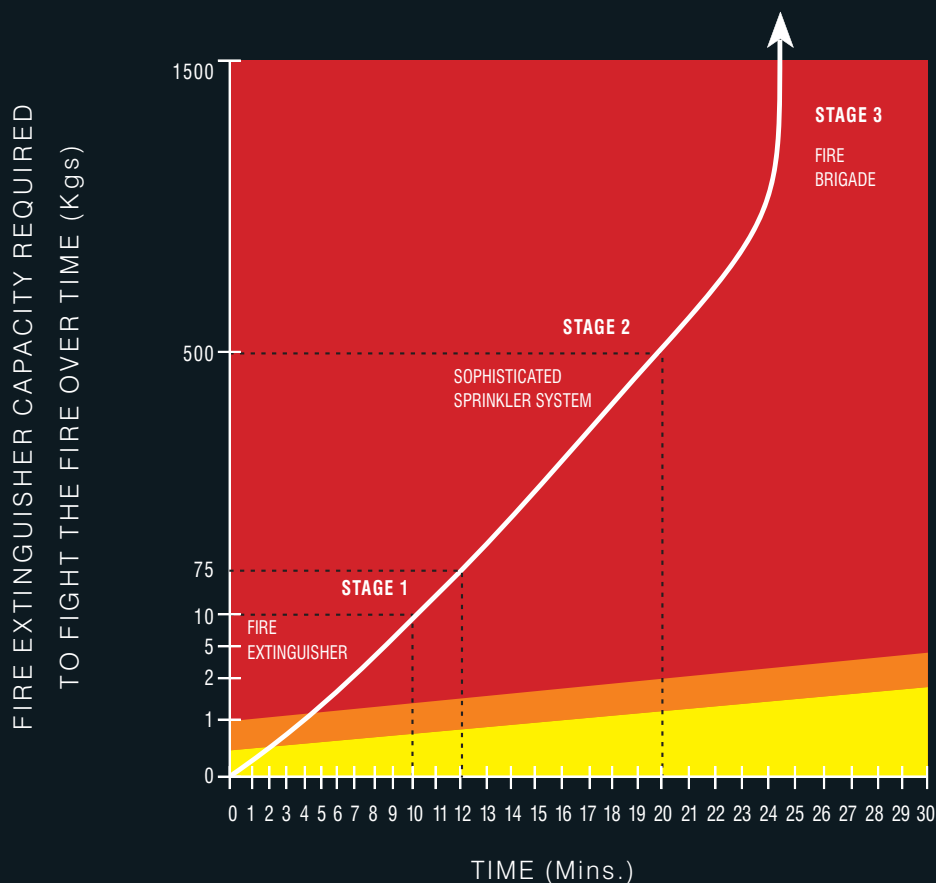
The result? A new chapter in Ceasefire's history will be written. And India's first truly complete safety and security organisation will be born.



# All you need to know about **fire**

**F**

ire is a deadly force. It kills thousands every year. Strikes a home or office every twenty minutes. Causes lakhs worth of damage every day. Fires can start anywhere, and they grow incredibly fast. Even the smallest fire will turn deadly if it is left unchecked. And the longer it is left unchecked, the faster it will grow. Until it is way out of control. As the chart below shows, the rate of growth of fire is inversely proportionate to your chances of fighting it successfully. In simple terms, the sooner you spot a fire, the better your chances of putting it out.



## THE FIRST RULE OF FIRE FIGHTING: KNOW THE ENEMY.

Fires can start anywhere, for any reason. But they all have one thing in common. They grow incredibly fast. And they spread in three stages:

### STAGE 1: IGNITION

At this stage, the fire is relatively small. But unless controlled swiftly, it will spread and grow, increasingly rapidly. This is the only stage at which a fire extinguisher can be safely used.

### STAGE 2: CRITICAL

At this stage, fire begins to move rapidly over large areas, and large volumes of extinguishing agent are necessary to fight the growing fire. At this point, only sophisticated sprinkler systems can be used.

### STAGE 3: BLAZE

At this stage, the fire is out of control and could require 1000s of litres (kgs) of fire extinguishing agent. Only the fire brigade can have any chance of putting out the fire at the Blaze Stage.

# T

ake a look at figures 1 to 3 below. These are frames from a Ceasefire trial conducted in a controlled setting. The small initial flame grows to a blaze that engulfs the whole room in 6 minutes flat. Less time than it takes to make a cup of tea or send an email! This speed with which fire grows and spreads is the first characteristic of fire. We call it the Speed Power Equation.

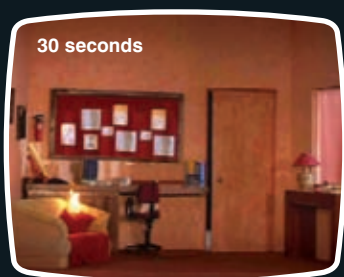


Fig. 1



Fig. 2

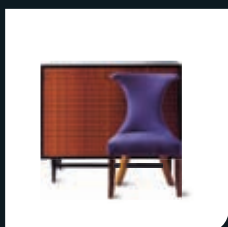


Fig. 3

The situation is further complicated by the fact that there are six different types of fires, each with their own rate of spread and growth. So a petrol fire, for instance, could take just 4 seconds to reach the blaze stage, while a wood fire could take 6 minutes to 8 minutes to reach the same intensity.

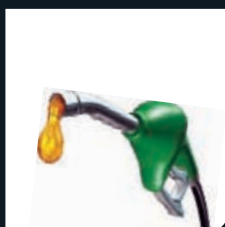
Further, there are different fire extinguishers for different types of fires, and using the wrong one could literally kill you. For example, a water-based extinguisher used on an electrical fire could cause electrocution.

### A CLASS



Fires involving flammable solids: wood, cloth, paper etc.

### B CLASS



Fires involving flammable liquids: Petrol, paint, chemicals etc.

### C CLASS



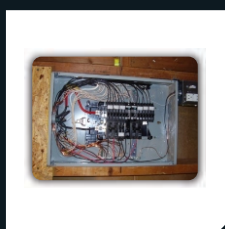
Fires in flammable gases like LPG.

### D CLASS



Fires in metals: Such as magnesium and titanium powders.

### ELECTRICALLY STARTED FIRES



Fires involving electrically energized equipment.

### F CLASS

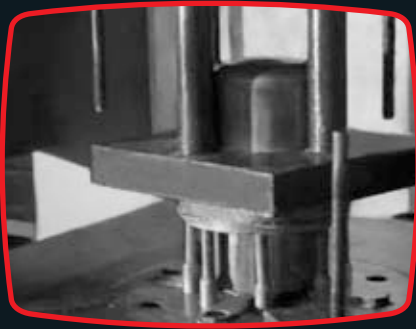


Fires involving high temperature deep fats over 360°C.

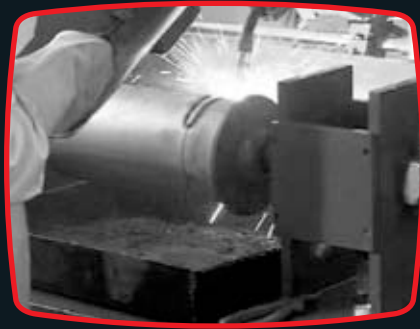


## A **guarantee** of performance

**C**easefire's manufacturing processes and quality checks are easily the most stringent in the country, and on par with the highest standards worldwide. Virtually every Ceasefire extinguisher has ISO 9001 and CE certification, and conforms to ISI standards.



**DEEP DRAWING:** Extruded from sheets of high grade iron, with hydraulic presses, our containers have 70% seamless.



**100% MECHANISED WELDING:** Our MIG CO<sub>2</sub> welding process uses an electronically guided torch to weld precisely.



**8 TANK PROCESS:** Each container goes through 8 tanks of chemical treatment, for rust-proofing & cleaning.



**POWDER FILLING:** Fully mechanised powder filling ensures just the right proportion of powder to pressure.



**HELIUM TESTING:** Detects tiny amounts of Nitrogen leakage in a vacuum chamber.



**LEAK TEST:** A stringent 24 hour test that detects minute traces of escaping gas.

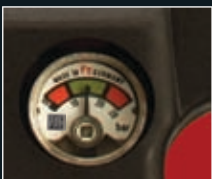
## Ceasefire's range of **fire extinguishers**

**C**easefire's range of fire extinguishers have many unique features that make them swifter, more efficient and far more reliable than any other extinguisher in the market.



### **Easy Snap Safety Seal**

A safety seal that can be broken in seconds and is yet completely tamper-proof. So simple, that even a child could snap it open in seconds.



### **State-of-the-art Pressure Gauge**

A pressure gauge that is the world's smallest and yet remarkably easy to read. It is the only pressure gauge that can be tested onsite, using a special magnet to ensure that it is working perfectly and is 100% accurate.



### **Controllable Discharge Mechanism**

A simple squeeze grip activation mechanism allows you to control the discharge and optimise use of the extinguishing agent.



### **Instalert**

A unique fire alarm that sounds the second you pick up the extinguisher! Built into the extinguisher bracket, the patented Instalert System acts both as an instant fire alarm as well as a theft deterrent.



### **EPDM Rubber Hosepipe**

Superior grade EPDM rubber is far more flexible than the normal rubber used in most hosepipes. EPDM is also far less prone to cracks.



### **5 Year Warranty**

Ceasefire's entire range of ABC and Clean Agent extinguishers come with an unbeatable 5 year warranty.

### **World Class Quality Control Systems**

Virtually every Ceasefire extinguisher comes with ISO 9001 and CE certification, and conforms to ISI standards. Comprehensive Helium Tests and Leak Tests also guarantee that the products you buy are manufactured to the world's most stringent quality standards.

ISO  
9001



# ABC Powder based MAP 90 Extinguisher

ABC to the Power of 100.



## Effective Against All Classes Of Fire

Using the wrong extinguisher on a fire can be very dangerous. And often, there isn't enough time to decide which extinguisher to use. In such cases, the consequences often prove fatal.

Ceasefire's MAP 90 range of ABC extinguishers are effective against Class A, B and C fires as well as Electrical fires. They take the guesswork and confusion out of choosing an extinguisher and save valuable time in the face of the fatally dangerous enemy called fire.

## Fast, Powerful And 100% Reliable

Ceasefire's ABC extinguishers are built for speed,

power and reliability. A simple two-step activation mechanism allows you to fight the fire within seconds. 90% concentration of Mono Ammonium Phosphate maximizes the fire fighting power available to you. And stringent quality control and multiple point testing systems ensure that when you are faced with a fire, these extinguishers will deliver.

### Key Features:

Works on all classes of fire

90% MAP - highest in the industry

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

\*\*5 year warranty

ISI certified

ISO 9001 certified

CE certified

Available sizes: 2 kg, 4 kg, 6 kg, 9 kg, 25 kg, 50 kg and 75 kg.



EASY SNAP  
SAFETY SEAL



STATE-OF-THE-ART  
PRESSURE GAUGE\*



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



5 YEAR\*  
WARRANTY



WORLD CLASS QUALITY  
CONTROL SYSTEMS

\*This feature is available as optional at cost.

\*\*This feature is not applicable for 25 Kg, 50 Kg & 75 Kg variants.



# Monnex Powder Extinguisher

## Speciality Powder for Class B Fires



### Power Packed. Four Times Over.

Monnex is so potent, it packs in all the force of a 16 kg extinguisher into a 4 kilo grame. That's 4 times the power! And that's what makes it the perfect extinguisher choice for petrol pumps and petrol chemical units.

Monnex is ideal for Class B & C fires, involving petrol, alcohol, industrial chemicals and more. The reason for this is its unique powder, which explodes into minute particles at high temperatures, covering a huge surface area.

Monnex is presently available in 1, 2 and 4 kg packs.

#### Key Features:

Works on B and C class fires

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

5 year warranty

ISI certified

CE certified

ISO 9001 certified

Available sizes: 1 kg, 2 kg and 4 kg



EASY SNAP  
SAFETY SEAL



STATE-OF-THE-ART  
PRESSURE GAUGE



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



5 YEAR  
WARRANTY

\*This feature is available as optional at cost.



# Ceasefire Speciality Powder for Metals: TEC(SPM-TEC)

Strike when the iron is Hot  
Lite Metals (SPM-TEC)



Ceasefire Speciality Powder for Metals : TEC (SPM-TEC) uses a specially formulated powder agent based on a mixture of 3 metal chlorides – Sodium, Potassium and Barium. It is then chemically treated to make it easy to spray through a nozzle, and make it water-repellent. Ideal for fighting lighter metal fires in the range of 500° - 2000°C, Ceasefire SPM-TEC melts at 550°C and the particles fuse to form a crust at 600-650°C. Conforming

to world class manufacturing quality standards, Ceasefire SPM-TEC offers a reliable and revolutionary solution to fighting metal fires. It can also be used to effectively combat small oil fires.

## Features:

Ideal combatant against Aluminium, Zinc, Sodium, Magnesium, Francium, Lithium, Potassium, Rubidium and Caesium.

Manufactured by Ceasefire according to the highest international quality and safety standards

Deep drawn metal steel container

Controllable discharge mechanism

\*Instalert and Safety Seal

Five year Warranty

CE certified

ISO 9001 certified

Available in sizes: 4kg, 6kg and 9kg



Deep Drawn Mild Steel Container



Easy Snap Safety Seal



CONTROLLABLE DISCHARGE MECHANISM



Instalert



State-Of-The-Art Pressure Gauge



5 Year Warranty

\*This feature is available as optional at cost.

# Ceasefire Speciality Powder for Metals: PYRO (SPM-PYRO)

## Strike when the iron is Hot Heavy Metal (SPM Pyro)



The temperatures that some metal fires can reach make them hard to combat with Ceasefire SPM-TEC. This is where Ceasefire Speciality Powder for Metals – Pyro (SPM-PYRO) comes in. Metals such as Plutonium, Titanium, Zirconium can react and burn at temperatures in excess of 5000°C. Made from a formulation of Chloride and Phosphate based powder, Ceasefire SPM-

PYRO is designed specifically to combat metal Fires at higher Temperatures.

Ceasefire SPM-PYRO melts and fuses at ~1200°C, making it extremely effective against Alkali metal fires, as well as metal fires such as Plutonium, Titanium, Lead, Copper, Tungsten, Cobalt and Manganese.

### Features:

Ideal combatant against fires involving heavy metals, alkali metals and their alloys

Manufactured by Ceasefire according to the highest international quality and safety standards

Deep drawn metal steel container

Controllable discharge mechanism

\*Instalert and Safety Seal

Five year Warranty

CE certified

ISO 9001 certified

Available in sizes: 4kg, 6kg and 9kg



Deep Drawn Mild Steel Container



Easy Snap Safety Seal



CONTROLLABLE DISCHARGE MECHANISM



Instalert



State-Of-The-Art Pressure Gauge



5 Year Warranty

\*This feature is available as optional at cost.



# HCFC 123 Clean Agent Extinguisher

Strong. Yet Sensitive.



## Safe To Use On Ultra Sensitive Equipment



*Before*



*After*

A fire in an office premises can destroy your expensive electronic equipment - computers, servers and more - all in a matter of minutes. Powder based extinguishers cause corrosion and irreparable damage to such sensitive and important equipment.

Ceasefire's cutting edge HCFC 123 Clean Agent extinguishers leave no residue, pack in mega power and are absolutely safe on sensitive electronic equipment. They use the very same extinguishing agent used at the NASA headquarters.

## Among the World's Most Advanced Extinguishing Agents

Ceasefire's Clean Agent extinguishers contain HCFC 123, one of the cleanest, most powerful extinguishing agents on the planet.

They are extremely lightweight, yet packed with tremendous power and throw, to penetrate past even the finest grills and meshes.

### Key Features:

World's most advanced clean agent

Safe for use on sensitive equipment

Leaves no residue

Works on all classes of fire

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

5 year warranty

ISO 9001 certified

CE certified

Available sizes: 2 kg, 4 kg and 6 kg



EASY SNAP  
SAFETY SEAL



STATE-OF-THE-ART  
PRESSURE GAUGE



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



5 YEAR  
WARRANTY



WORLD CLASS QUALITY  
CONTROL SYSTEMS

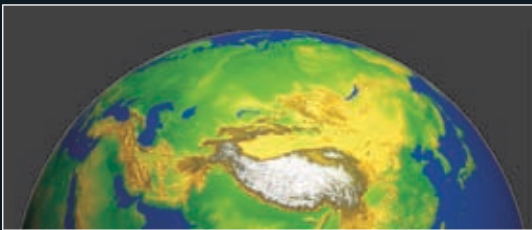
\*This feature is available as optional at cost.

# DuPont™ FE 36™ Clean Agent Extinguisher

The world's best. Bar none.



**The greenest extinguisher ever built.**



As safe to use on all your sensitive equipment as the HCFC 123 Clean Agent Extinguisher, the DuPont™ FE 36™ Clean Agent brings you the added benefit of being the world's most advanced, and by far the most eco-friendly extinguisher.

DuPont™ FE 36™ Clean Agent Extinguishers leave no residue, pack in mega power and are absolutely safe for use on any sensitive electronic equipment.

**Works for you. Works for the planet.**

Ceasefire's Clean Agent extinguishers contain

DuPont™ FE 36™, the cleanest, most powerful extinguishing agent on the planet. They have zero ODP (Ozone Depletion Potential) and are the obvious choice of concerned corporates worldwide.

They are extremely lightweight, yet packed with tremendous power and throw, to penetrate past even the finest grills and meshes.

## Key Features:

World's most advanced clean agent

Safe for use on sensitive equipment

Leaves no residue

Works on all classes of fire

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

5 year warranty

ISI certified

CE certified

Available sizes: 2 kg, 4 kg and 6 kg



**EASY SNAP  
SAFETY SEAL**



**STATE-OF-THE-ART  
PRESSURE GAUGE**



**CONTROLLABLE  
DISCHARGE MECHANISM**



**INSTALERT**



**EPDM RUBBER  
HOSEPIPE**



**5 YEAR  
WARRANTY**



**WORLD CLASS QUALITY  
CONTROL SYSTEMS**

\*This feature is available as optional at cost.



# CO<sub>2</sub> Squeeze Grip Type Extinguisher

Extremely heavy. Extremely portable.

Putting out a big fire calls for the use of large quantities of extinguishant and this requires extreme portability. Ceasefire's CO<sub>2</sub> extinguishers are trolley mounted to ensure swift usage of the agent.



## The Problems Of Weight and Portability

A typical CO<sub>2</sub> extinguisher weighs a staggering 18.5 kgs, making it extremely difficult to carry and operate. CO<sub>2</sub> is also stored at very low temperatures, often causing freeze burns on the user's hands in the process of activation.



## A Unique Used / Unused Indicator

A used / unused indicator allows the user to check, at a glance, whether the extinguisher is ready for use.



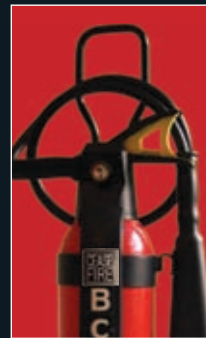
## Rapid Squeeze Grip Activation

The revolutionary new squeeze grip activation, removes all risk of freeze burn, and ensures that the user can rapidly put the extinguisher to use against a fire.



## Remarkably Easy To Carry

An ergonomically designed handle at the center of the extinguisher distributes the load evenly to the key arm muscles, making the extinguisher easier to carry. Wheels at the base of the extinguisher also significantly improve its portability over long distances.



## A Special 1.3 Metre Hosepipe

Finally, we've given it a longer 1.3 metre hosepipe. Which means you can use the extinguisher with your arm fully outstretched, without having to lift it.

### Key Features:

Safe for use on sensitive equipment

Works on class B and C fires

Easy snap safety seal

Controllable discharge mechanism

\*Instalert

Used / unused indicator

1.3 metre EPDM rubber hosepipe

ISI certified

PESO certified

ISO 9001 certified

CE certified

Available sizes: 2 kg, 4.5 kg



EASY SNAP SAFETY SEAL



CONTROLLABLE DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER HOSEPIPE



1 YEAR WARRANTY



WORLD CLASS QUALITY CONTROL SYSTEMS

\*This feature is available as optional at cost.

# CO<sub>2</sub> Valve Type Extinguisher



We've seen how, in just a matter of seconds, a small fire can grow into a lethal blaze. If you've missed that time window, there's still hope. Ceasefire's CO<sub>2</sub> valve type extinguishers are bigger, pack in tremendous power and are very effective in putting out larger fires. Ceasefire's CO<sub>2</sub> valve type

extinguishers are available in three variants, with more storage capacity than the regular CO<sub>2</sub> extinguisher. Extremely user-friendly, with a protective cover over the valve to avoid the risk of freeze burn, Ceasefire's CO<sub>2</sub> valve type extinguishers are the perfect weapon against large, hard to fight B and C Class fires.

## Key Features:

Safe for use on sensitive equipment

Works on class B and C fires

Easy snap safety seal

Used / unused indicator

EPDM rubber hosepipe

Protective covering over the valve

ISI certified

PESO certified

CE certified

Available sizes: 4.5kg, 6.5kg. and 22.5kg.



CONTROLLABLE  
DISCHARGE MECHANISM



EPDM RUBBER  
HOSEPIPE



1 YEAR  
WARRANTY



# CO<sub>2</sub> Aluminium Type Fire Extinguisher

It's 4 kgs lighter and many times more portable.



Thanks to a switchover to aluminium bodies, Ceasefire's new CO<sub>2</sub> extinguisher is lighter and 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 aluminium 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.

## Key Features:

Safe for use on sensitive equipment

Works on class B and C fires

Easy snap safety seal

Controllable discharge mechanism

\*Instalert

Used / unused indicator

1.3 metre EPDM rubber hosepipe

PESO certified

ISO 7866 certified

CE certified

Available sizes: 2 kg, 4.5 kg



EASY SNAP  
SAFETY SEAL



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



3 YEAR  
WARRANTY



WORLD CLASS QUALITY  
CONTROL SYSTEMS

\*This feature is available as optional at cost.



# Ceiling Mounted Automatic Extinguishers

Stands guard 24x7.



There will always be areas in a workplace where the chances of detecting a fire early are very few and human traffic, very low - factories with large storage areas and server rooms, for instance. If a fire breaks out in such areas, putting it out becomes almost impossible.

Ceasefire's Ceiling Mounted extinguishers, with their automatic detection and activation feature prevent such an occurrence. Because they are ceiling mounted, they are also useful in areas that are beyond the range of normal fire extinguishers, such as high chemical stacks.

## Automatic Activation

In the event of a fire, Ceasefire's Ceiling Mounted extinguishers activate automatically, spraying the extinguishant with maximum force, ensuring that the fire is brought under control rapidly and efficiently.

## ABC Powder & Clean Agent Variants

Available in ABC Powder and Clean Agent variants, Ceiling Mounted extinguishers are effective against virtually all classes of fire.

## Rapid, Hassle-free Installation

With no piping or ducting required, these extinguishers can be rapidly installed with no breakage, hassle or loss of man hours.

### Key Features:

Works on all classes of fire

Automatic discharge mechanism

State-of-the-art pressure gauge

5 year warranty

ISO 9001 certified

ABC Powder & Clean Agent variants

Available sizes: 5 kg, 10 kg



STATE-OF-THE-ART  
PRESSURE GAUGE



5 YEAR  
WARRANTY



Deep Drawn Mild  
Steel Container



# Water Extinguisher

Fights fires you cannot even see.



## Class A Fire Fighter

When a fire breaks out, there are bigger dangers than the ones you can see. The rising temperature of fuel around the fire and paper and cloth fires are the best examples. Water is the only extinguishing agent that can instantly bring down the temperature of the fire and the area around it.

## Power Throw

Ceasefire's Water extinguishers use the proprietary stored pressure technology, delivering high power throw of water. This makes them more effective on the fire and allows the fire fighter to stay a safe distance from the flames. Ceasefire's Water extinguishers are also packed with all the trademark features that make Ceasefire the fastest, safest, most user-friendly extinguishers on offer today.

### Key Features:

Works on class A fires

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

ISI certified

ISO 9001 certified

CE certified

Available sizes: 9 ltr and 50 ltr



STATE-OF-THE-ART  
PRESSURE GAUGE



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



1 YEAR  
WARRANTY



WORLD CLASS QUALITY  
CONTROL SYSTEMS

\*This feature is available as optional at cost.

# AFFF Foam Extinguisher

## A Foam Extinguisher You Can Actually Use.



making these extinguishers extremely effective.

The quickest way to kill a fire is to not let it feed off the oxygen in the vicinity.

Ceasefire's Foam based extinguishers use a chemical foam that blankets the flames and cuts off the oxygen supply. While they are effective against Class A and B fires, they are ideal for use on burning liquids like oil and petrol.

### User-friendly Design

Most Foam extinguishers have a very complex activation mechanism. They require the user to cut a metal seal with pliers, shake the extinguisher vigorously, turn it upside down and bang it on the floor to activate it. All this in the midst of a fire!

Ceasefire's Foam extinguishers, on the other hand, use the squeeze grip mechanism, making them faster and easier to use. The proprietary stored pressure technology also delivers high power throw,

#### Key Features:

Works on class A & B fires

Easy snap safety seal

State-of-the-art pressure gauge

Controllable discharge mechanism

\*Instalert

EPDM rubber hosepipe

ISI certified

ISO 9001 certified

CE certified

Available sizes: 9 ltr and 50 ltr



STATE-OF-THE-ART  
PRESSURE GAUGE



CONTROLLABLE  
DISCHARGE MECHANISM



INSTALERT



EPDM RUBBER  
HOSEPIPE



1 YEAR  
WARRANTY



WORLD CLASS QUALITY  
CONTROL SYSTEMS

\*This feature is available as optional at cost.



# Water Mist Extinguisher

## Your own fire Engine



Ceasefire's Watermist Extinguisher turns ordinary water into an unbelievably powerful fire fighter

Ceasefire's Watermist Compressed Air Foam System features a high technology gun which breaks water up into miniscule droplets. These droplets are then delivered through micro nozzles with a high degree of dispersion onto the flames, allowing you to fight even very large fires successfully. With Ceasefire's Watermist Compressed Air Foam System, nearly a 100% of the mist

turns into steam and evaporates. This key process stops the fire from spreading and eliminates post fire collateral damage such as flooding. The mist also acts as the perfect barrier against thermal radiation, giving increased protection to the firefighter.

Ceasefire's Watermist Compressed Air Foam System is also safe to use on Class B fires like petrol and diesel, and electrically started fires - two areas where traditional water applications would either spread the fire, or cause an electrical shock.

### Key Features:

Works on class A, B & Electrically started fires

Extinguishing media - Clean water with Foam additive

Extinguishing enhancement agent - Ceasefire Bio-Safe - Special Foam Additive

High firefighting effectiveness

Extra security for people – screening

Minimum post fire damage

Low water usage with mist of < 150 microns

A green extinguisher

PESO certified compressed air bottle

Electrical Research and Development Association (ERDA) certified

Available sizes: 9 ltr and 50 ltr



CONTROLLABLE DISCHARGE MECHANISM



1 YEAR WARRANTY



WORLD CLASS QUALITY CONTROL SYSTEMS



CURRENT LEAKAGE MEASUREMENT



HIGH FIREFIGHTING EFFECTIVENESS



EXTRA SECURITY FOR PEOPLE – SCREENING



POST FIRE DAMAGE REDUCTION



LOW WATER USAGE WITH MIST OF < 150 MICRONS



A GREEN EXTINGUISHER



# Ceasefire Hydro Pyroquell System (CHPS)

## Kill the fire without killing your kitchen



It is a well-established fact that water is fire's oldest enemy. It cools at a rate of 2.6 MW per litre every second. But using water to try and douse a fire can spell disaster. Until now, the only way to put out an oil fire was with a chemical foam extinguisher, which destroyed every ingredient in your kitchen while also being greatly harmful to the environment.

Worse still, you had to shut down the kitchen for hours or even days, for a full cleanup. And if you were running an industrial kitchen, a food processing unit, a restaurant or hotel or café, this could result in substantial loss in revenue. Not to mention loss of reputation.

But thanks to the Ceasefire Hydro Pyroquell System (CHPS), those days are now the past.

The Ceasefire Hydro Pyroquell System (CHPS) is a global revolution in fighting fat fires. It is available in 2 litre, 3 litre and 6 litre variants. All designed to kill fires with no collateral damage. All perfect firefighters at every stage of the food supply chain - production, storage, transportation or distribution. All using patented technology first introduced in India by Ceasefire, the country's largest, most trusted fire safety solutions provider.

Just so you can kill a kitchen fire without killing your kitchen.

Key Features:
Solid stainless steel body which can withstand high temperatures
Tamper-proof safety seal
Fights fires of Class-A, Class-B, Class-F and Electrically started fires
*Instalert
Built-in pressure gauge
CE certified
ERDA certified
Uses distilled water, eliminating collateral damage
Available sizes: 2 ltr, 3 ltr and 6 ltr



**Solid Stainless Steel Body** which can withstand high temperature



**Tamper proof Safety Seal**



**Built-in pressure gauge**



**Uses distilled & demineralised Water, eliminating Collateral damage**



**Generates mist of 50 microns**



**5 Year Warranty**

\*This feature is available as optional at cost.



# Green Mist Extinguisher

Brutal on fires.  
Gentle on environment.



The revolutionary new GreenMist System is designed to combat Class A, B, C, F and electrically started fires. Here's how the system keeps your property and the environment safe: A specially designed rotary in the GreenMist System mixes water and air in a pre-set proportion to generate a fine mist of 40-60 micron molecules. These tiny droplets have a surface area coverage many times higher than water. (The principle is simple: the smaller the particles of water, the further they spread and the faster they cool.) The mist is then propelled through a specially designed nozzle, giving it a throw of over 10 feet. On contact with the flames, the mist turns into

steam and envelopes the fire. This blanket effect cools the blaze down and brings the oxygen supply to below combustion levels. Without oxygen or heat, the fire dies out. In seconds.

Because this isn't water in its natural state, the dangers of electrocution and flooding are eliminated. Which means, this powerful, reliable, efficient extinguisher can be used on all kinds of fires – including fires in petrol and diesel and electrically started fires. What's more, since no synthetics or chemicals are used in the process, GreenMist causes absolutely no collateral damage. Just stops a fire dead in its tracks.

## Key Features:

Works on Class A, B, F and electrically started fires.

A green extinguisher

High firefighting effectiveness

Extra security for people – screening

Post fire damage reduction

Low water usage

Available sizes: 2 Ltr, 3 Ltr and 6 Ltr.



TAMPER PROOF  
SAFETY SEAL



BUILT-IN  
PRESSURE GAUGE



GENERATES MIST  
OF 40 - 60 MICRONS



DEEP DRAWN MILD  
STEEL CONTAINER



1 YEAR  
WARRANTY



# Ceasefire Direct High Pressure Quick Response System

Kill the fire before you say "Fire"



The Ceasefire Direct High Pressure Quick Response System is a perfect solution in case of fire in a single location, best suited for areas ranging from large to very large in size. This system uses highly pressurized CO<sub>2</sub> as the extinguishing agent.

The Ceasefire Direct High Pressure Quick Response System is designed to suit the individual needs of the

premises, after careful inspection and assessment by the Ceasefire Design Cell, but is also available in 3 pre-fabricated variants – 2 kg, 4.5kg, 6.5kg & 22.5kg.

Key Features:
In compliance with international quality standards.
Entirely self-contained and will function normally in the event of a power outage.
Instant and automatic activation, eliminating the need for human intervention.
Uses CO <sub>2</sub> extinguishing agent.
Flexible tubing allows protection in areas that are difficult to access.
Simple design and can be installed within a few hours.
Rugged quality ensures it can withstand even harsh conditions.
CE certified
PESO certified
TPED certified



Functions even in a power outage



Instant and automatic activation



Uses clean extinguishing agents



Simple design easy installation



Flexible tubing



State-Of-The-Art Pressure Gauge



1 Year Warranty





# Ceasefire Direct Low Pressure Quick Response System

## Kill the fire before you say "Fire"



needs of the premises, it is also available over the counter in 4 pre-fabricated variants - 2 kg, 4 kg, 6 kg and 9 kg\*.

The Ceasefire Direct Low Pressure Quick Response System is an ideal solution in case of fire in a single location, whether small or large. It uses Ceasefire's DuPont™ FE 36™ or HCFC 123 extinguishing agent. While the Ceasefire Direct Low Pressure Quick Response System can be designed to suit the specific

Key Features:
In compliance with international quality standards.
Entirely self-contained and will function normally in the event of a power outage.
Instant and automatic activation, eliminating the need for human intervention.
Uses DuPont™ FE 36™, HCFC 123 extinguishing agent.
Flexible tubing allows protection in areas that are difficult to access.
Simple design and can be installed within a few hours.
Rugged quality ensures it can withstand even harsh conditions.
CE certified
TPED certified



Functions even in a power outage



Instant and automatic activation



Uses clean extinguishing agents



Simple design easy installation



Flexible tubing



State-Of-The-Art Pressure Gauge



1 Year Warranty

\*9 kg available in HCFC 123



# Fire Strolleys

## Life savers on Wheels



Fires can happen anywhere and at any time. So keeping extinguishers spread out in relevant locations is critically important. But when a fire does break out in a particular location, you need to also have all your firefighting equipment at your disposal at that location.

Keeping that in mind, Ceasefire presents the perfect accessory to mobilise your firefighting equipment, with our range of innovative Fire Extinguisher Strolleys.

These Strolleys are capable of carrying one or two extinguishers, of capacities ranging from 2 kgs to 10 kgs.

In other words, Ceasefire presents 'Life Savers on Wheels'.

### Key Features:

High quality construction that ensures easy mobility.

Retractable handles that provides easy manoeuvrability, while binding straps hold the fire extinguisher in place.

Photoluminescent signs that makes it easy to locate even through smoke and darkness.

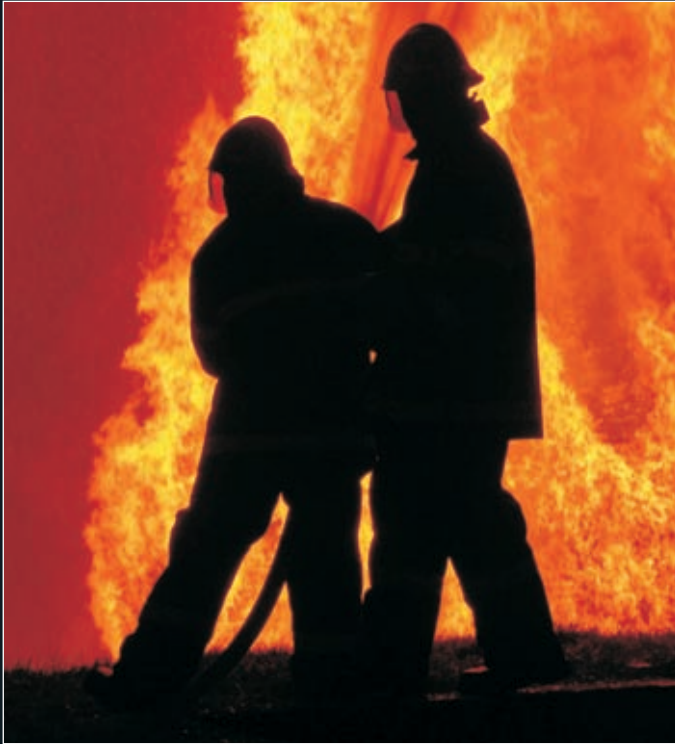
Powder-coated rustproof bodies that makes it ideal to transport fire extinguishers up to a capacity of 10 kgs

ISO certified



# Ceasefire Fire Suits

## Protective Clothing for Fire Fighter



Fires grow incredibly fast. A small spark can turn into a large fire in seconds, and into a blaze in minutes.

A blazing fire generates off massive amounts of heat and smoke, making it very dangerous, if not impossible, to approach it.

Which means that even with the right extinguisher, a fire fighter cannot get close enough to the flames to cover them effectively with the extinguishing agent. Or, if he does get closer, he risks serious injury from burns.

So, despite your investments in fire fighting equipment, your ability to fight fires is seriously hampered.

Which is precisely where Ceasefire Fire Suits play a critical role. They offer you the protection you need to get close enough to a fire to fight it effectively, without risking injury.

Three critical elements that give Ceasefire Fire Suits a definite edge are:

- Four Layer protection
- International Quality Standards
- Tough heat resistant fiber, namely Nomex, Kevlar and PBI Gold.

Ceasefire Fire Suits are effective against all classes of fire and give you the added advantage while fighting any fire.

### Key Features:

High Heat Resistance. Can withstand a heat level of 1800°C for 5 minutes without any burning or melting and less than 5% shrinkage

Limited inflammability

Tensile strength of 450N

Seam tensile strength of 450N

Residual Strength (tensile strength after exposure to flames) of 450N

25N Tear strength

The suits are marked with fluorescent, reflective tapes at strategic places .

CE certified



High heat resistance  
1800°C for 5 minutes



Limited  
inflammability



25N tear  
strength



Tensile strength  
of 450n



Fluorescent reflective  
tapes at strategic places

# Ceasefire Fire Suits



**ECOSTAR**  
Entry-level fire suits to tackle small and medium-sized fires.



**ALUSTAR**  
Dual-mirror Kevlar fabric for proximity, bulk flammable liquids and flammable gas firefighting.



**PROSTAR**  
An upgrade on EcoStar, recommended for larger, more potent fires.



**ARCSTAR**  
Designed to guard against the intense, destructive heat of electrical arcs.



**GOLDSTAR**  
High-end protective suits made of PBI Gold material.



**METALSTAR**  
DuPont NOMEX MetalPro Plus, the perfect guard against industrial hazards.





# The Ceasefire System For Emergency Evacuation (CSEE)



In almost any fire situation, you can be sure that at some point, the entire premises will be plunged into darkness.

Simultaneously, noxious black smoke will fill the air, increasing the risk of asphyxiation for all in the area. A frightening scenario when you consider the fact that asphyxiation and smoke poisoning are the highest causes of casualties in any fire.

In such a situation, the single most important need of the hour is to evacuate all those on the premises to the nearest point of safety. As efficiently and quickly as possible.

And Ceasefire, quite literally, shows you the way with the Ceasefire System for Emergency Evacuation (CSEE).

The range contained in CSEE is comprehensive, covering every possible evacuation need:

1. Fire Safety Signs
2. Escape Route Signs
3. Marking Strips and Low-Level Signage System
4. Evacuation Plans

Each of these signs serves a critical function. To lay out a path that guarantees your safety.



# The Ceasefire System For Emergency Evacuation (CSEE)

## Fire Safety Signs



Ceasefire Fire Safety Signs help guide people to the nearest extinguishers, hosepipes, emergency alarms and so on.

## Marking Strips



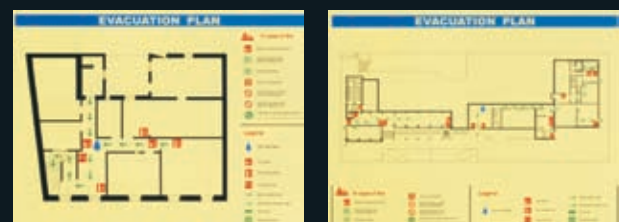
Marking strips are critical in areas that need special navigation in the dark, such as around pillars, corners, low-lying or protruding objects and heavy machines.

## Escape Route Signs



Ceasefire's Escape Route Signs ensure that from any point on the premises, occupants will have clear directions to the closest safe exit in case of an emergency.

## Evacuation Plan



Ceasefire's Evacuation Plans are subject to careful planning and assessment by experts, to maximise both safety and efficiency of evacuation in an emergency.



# Escape Gear

## Facing Two Deadly Forces

While attempting to escape from a fire, there are two things you need protection from. The first is smoke. Toxic and poisonous, smoke inhalation is your first and most critical concern. The second is the fire itself. In order to survive you must be able to navigate through the fire without sustaining serious burn injuries.



### Escape Gear Packs

Each Escape Gear Pack contains  
2 Fire Escape Masks and 2 Fire Escape Blankets.



### Fire Escape Masks

Fire Escape Masks have a special smoke filtration system that provide clean, breathable air supply for a life-saving 30 minutes.



### Fire Escape Blankets

Fire Escape Blankets are easy to slip on and ensure that your body gets the maximum possible protection as you move through a fire.

# Ceasefire Control Panel



The PowerMax+ is a wireless alarm control system that provides protection against fire and tampering. The PowerMax+ is governed by a control panel designed to collect data from various sensors that are strategically located within protected site.

The system identifies a wide range of events - alarms, attempts to tamper with sensors and several types of trouble. Events are automatically reported via the public telephone network or GSM network to central monitoring stations (in digital form) and to private telephones (in SMS form).

The PowerMax+ is a user and installer friendly wireless control panel. The system is designed to function in a way that appeals to the user but also offers features that make installer's life easier.

## Key Features

30 zones(28 Wireless + 2 Wired Zones) : Each protected zone is identified by number and by name

16 character Liquid crystal display (LCD)

Real-time clock

Access from remote telephones.

Signal range upto 100 mtrs (standard test conditions)

Reporting via sms & phone with optional GSM Dialer

Upto two wireless sirens

Backlit keypad

Real time clock with 100 Event Log

2 way voice communication

Diagnostic test

85dB alarm

Compatible with external GSM dialer

Battery supervision

EN & CE certified and UL listed



No wiring  
or ducting



Auto dialler



Zonal warning  
System



Failsafe battery  
backup



Comprehensive  
maintenance  
programme



85 Decibel  
alarm



# Ceasefire Smoke Detector



The Ceasefire Smoke Detector is a fully supervised wireless photoelectric smoke detector that is compatible with PowerMax+ Panel. Designed for a wide range of residential and commercial applications, this detector is easily installed and has a streamlined design.

Wireless Smoke Detectors are designed to detect smoke produced by a fire.

Smoke detectors based on photoelectric technology are sensitive to the accumulation of dirt

on the sensor. In response to such an occurrence, a maintenance event is generated, indicating sensor problems. This self-diagnostic capability significantly enhances detector reliability.

The Photo Electric Smoke Detectors detect even the tiniest trace of smoke and alert the Control Panel.

## Key Features

Long Battery Life

Loud (85db) alarm sound at 3m (10ft)

Sound and transmitted alerts (smoke, tamper, low battery)

Audio and visual sensitivity degradation indicators notify when the sensor needs to be cleaned

Simple wall or ceiling installation, with bracket

Back tamper

Ceiling mounted

Ultra sensitive photo-electric device senses smoke in the 0.33 micron range.

Audible maintenance warning

Fully certified by the most strict and demanding international standards such as EN 14604, EN 54-5 for safety products in Europe



No wiring or ducting



Auto dialler



Zonal warning System



Failsafe battery backup



Comprehensive maintenance programme



85 Decibel alarm



# Ceasefire Wireless Siren



Wireless Siren is a device which sounds an alarm(98dB) away from the control panel which has an inbuilt alarm. It gives you the option of having sound alerts at more than one locations, covering larger area and also affecting a louder alarm. Upto 2 Sirens can be attached with one Control Panel.

## Key Features

- Fully Wireless
- Easy-to-install
- Double plastic cover for extra protection against the elements
- Extremely loud 98 decibel alarm
- Optional strobe light feature when alarm is activated
- Triple tamper protection, with three hidden switches
- Re-chargeable battery pack
- Conforms to EN Standards



No wiring or ducting



Auto dialler



Zonal warning System



Failsafe battery backup



Comprehensive maintenance programme



85 Decibel alarm



# Ceasefire Wireless Repeater



level network is created. Up to 16 auxiliary repeaters can be positioned between the farthest group of transmitters and the target receiver. A receiver module, a transmitter module and a controller motherboard are the building blocks of the Repeater.

Repeater is designed to relay digital data between wireless PowerCode transmitters and a target PowerCode receiver. Repeater links are required when the target receiver is beyond the range of at least some of the wireless transmitters and is therefore incapable of receiving transmissions directly .

If the distance between the transmitters and the target receiver is too large to be covered with one repeater, several auxiliary repeaters may be added along the communication path. This way, a multi-

## Key Features

- Extends communication range between a PowerCode receiver and transmitter
- Supports PowerCode wireless panels and receivers
- Up to 16 repeaters can be used in a system
- Conforms to CE standards
- PowerCode ID factory-selected from 16 million possible combinations
- Smart anti-collision mechanism supports multiple simultaneous transmissions
- 9-Volt nickel cadmium rechargeable backup battery
- Compact and easily installed



No wiring or ducting



Auto dialler



Zonal warning System



Failsafe battery backup



Comprehensive maintenance programme



85 Decibel alarm

# Smoke Detection Systems.

## Ceasefire's Stand-Alone Smoke Detectors

### Powerful Early Warning Devices

Ceasefire has three models of stand-alone smoke detectors that are completely operated by remote controls. Each can be installed in a minute. They have a 9 volt power supply and a low battery warning system. They are specially designed to detect smoke within seconds of a fire, and sound the alarm.



CFR-SD-DT

#### Key Features

- Dual technology, both photoelectric and ionization that detect the faintest threat.
- Ten year battery life.



CFR-SD-LE

#### Key Features

- Dual chamber ionization detectors provide a high degree of sensitivity and reliability.
- A built in escape light that provides light incase of a power failure.
- Ten year battery life.



CFR-SD-1C (P)

#### Key Features

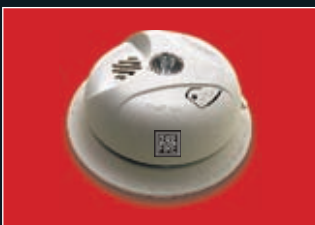
- Dual chamber ionization detectors provide a high degree of sensitivity and reliability.
- A unique inter-connectivity feature can be used to warn occupants in adjoining areas.



CFR-SD-1L

#### Key Features

- Mute button, mutes unnecessary alarms immediately. Also tests alarm function with same button
- EZ access battery door, no need to remove alarm from ceiling to change battery
- Optional theft-prevention lock, when activated, batteries and/or alarm cannot be removed without proper tools
- Ionization smoke sensor, optimal smoke detection from flaming fires



CFR-SD-1LE

#### Key Features

- Bright escape light activates with alarm to illuminate a path to safety
- Mute button mutes unnecessary alarms immediately & also tests alarm function with same button
- EZ access battery door no need to remove alarm from ceiling to change battery
- Optional theft-prevention lock when activated, batteries and/or alarm cannot be removed without proper tools
- Ionization smoke sensor optimal smoke detection from flaming fires



Dual Technology



Independent 9 volt power supply and low battery warning.



Easy installation and maintenance



10 Year Battery life



Can be tested with a remote



Dual chamber Ionisation detector



A built-in escape light



Unique inter-connectivity



# The Operation Ceasefire Fire Safety Training Programme



## Lack Of Training Is Your Biggest Fire Risk

Even the most advanced fire fighting equipment is hampered when the user is untrained. Which is why it is legally mandatory in countries like the US and UK for commercial establishments to conduct regular fire safety training programmes for their employees.

## An Authoritative Training Programme

The Operation Ceasefire Fire Safety Training Programme covers all lines of defense against the threat of fire. The programme comprises seven key fire safety training segments and is based on material gathered from several prominent industry experts and our own research over decades. Conducted by internationally trained educators, using the latest multimedia tools, the programme is administered over four quarterly training sessions, in the convenience of your own office or factory.

## The Four Sessions

### SESSION ONE

Understanding Fire  
Fire Fighting

### SESSION TWO

Smoke and Smoke Detection Systems  
Fire Prevention Practices

### SESSION THREE

Evacuation  
First Aid

### SESSION FOUR

The Fire Drill

## Keeping The Training Alive

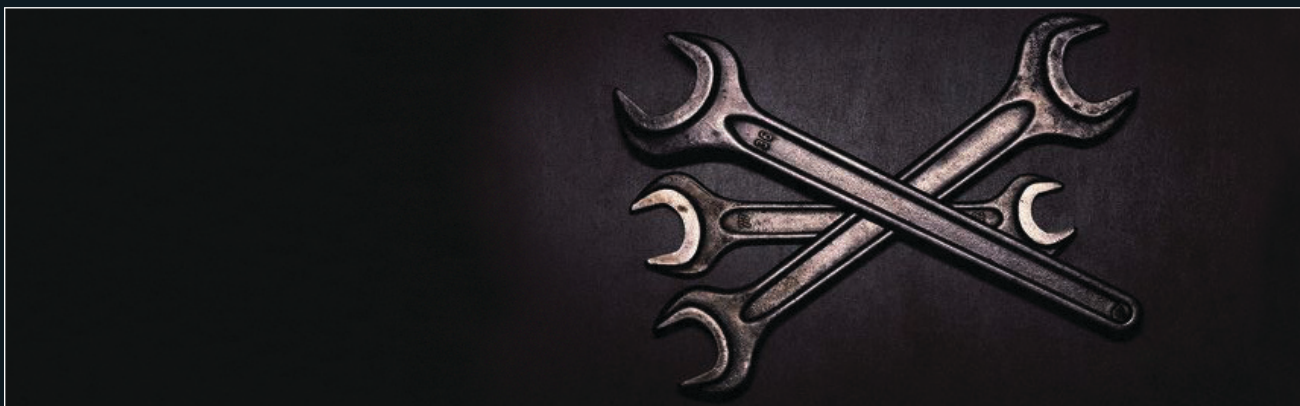
To build interactivity and genuine employee interest and participation, a Fire Marshal is appointed from amongst employees, to spearhead regular fire safety activities. The Fire Marshal is given password access to an interactive website, where he or she can download regular training modules, safety tips and other fire related information.

The Operation Ceasefire Fire Safety Training Programme is designed to be interactive, informative and involving. Its scope is wide and its methodology precise. It is, without a doubt, the most comprehensive fire safety programme in the country today.



# Maintenance Checks for All Stored Pressure Fire Extinguishers

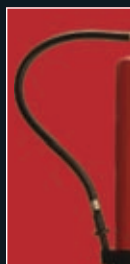
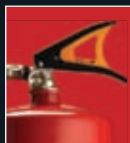
Who better to maintain your weapons than the people who built them.



**Life Saving Products Need Professional Maintenance**

## MAINTENANCE CHECKS FOR ALL STORED PRESSURE FIRE EXTINGUISHERS

1. Thorough Cleaning
2. Safety Seal Check
3. Discharge Nozzle and Hosepipe Checks
4. Instalert Test
5. Pressure Gauge Test




## MAINTENANCE CHECKS FOR SMOKE DETECTOR SYSTEMS

1. Thorough Cleaning
2. Detector Communication Test
3. Battery Power Test
4. Smoke Detection Test
5. Emergency Light Test



**FIRE SAFETY HOTLINE**  
TOLL FREE NOS. | 1800-11-3473  
1800-180-7233  
0120-422-3473 SMS FIRE TO 53030  
response@ceasefire.in www.ceasefire.in

Maintenance Checks are essential for Each Individual Smoke Detector. So at your service is a Ceasefire Toll Free Helpline, operational 24 hours a day, 7 days a week.



Extinguisher Name	SIZES	GROSS WEIGHT- (IN KG)	EMPTY WEIGHT- (IN KG)	HEIGHT (IN MM)	DIAMETER (IN MM)	DISCHARGE TIME IN SECONDS (S)	RANGE (NOT LESS THAN) IN METERS	CLASSES OF FIRES THAT CAN BE PUT OFF	A RATING	B RATING	F RATING	APPROVALS
ABC Powder based MAP 50 Extinguisher	1kg	2.3	1.3	298	86.5	less than 8 s	2	A,B,C & electric	1A	8B	--	ISI
	2kg	3.6	1.6	344	108	less than 8 s	2	A,B,C & electric	1A	8B	--	ISI, EN
	4kg	6.9	2.9	440	140	less than 13 s	4	A,B,C & electric	2A	21B	--	ISI, EN
	6kg	9.4	3.4	480	160	less than 13 s	4	A,B,C & electric	3A	21B	--	ISI, EN
	9kg	14.9	5.9	615	175	less than 13 s	4	A,B,C & electric	4A	34B	--	ISI, EN

ABC Powder based MAP 90 Extinguisher	2kg	3.6	1.6	344	108	less than 8 s	2	A,B,C & electric	1A	8B	--	ISI, EN
	4kg	6.9	2.9	440	140	less than 13 s	4	A,B,C & electric	2A	21B	--	ISI, EN
	6kg	9.4	3.4	480	160	less than 13 s	4	A,B,C & electric	3A	21B	--	ISI, EN
	9kg	14.9	5.9	615	175	less than 13 s	4	A,B,C & electric	4A	34B	--	ISI, EN
	25kg	76	51	1200	300	less than 30 s	6	A,B,C & electric	55A	IB	--	ISI, EN
	50kg	138	88	1200	400	less than 50 s	8	A,B,C & electric	>55A	IIB	--	ISI, EN
	75kg	176	101	1200	400	less than 60 s	10	A,B,C & electric	>55A	IIB	--	ISI, EN

Note : for Trolley mounted (25,50 & 75 Kg) products gross weight considered with Trolley

Monnex Powder Extinguisher	1kg	2.7	1.7	344	108	minimum 8 s	2	B	--	89B	--	ISI
	2kg	4.9	2.9	440	140	minimum 8 s	2	B	--	144B	--	ISI
	4kg	7.4	3.4	480	160	minimum 13 s	4	B	--	189B	--	ISI

HCFC 123 Clean Agent Extinguisher	2kg	3.7	1.7	344	108	minimum 8 s	2	A,B,C & electric	--	8B	--	EN
	4kg	6.9	2.9	440	140	minimum 8 s	2	A,B,C & electric	1A	13B	--	EN
	6kg	9.4	3.4	480	160	minimum 13 s	2	A,B,C & electric	2A	21B	--	EN

Ceiling Mounted Extinguisher	5kg	7.7	2.7	264	240	less than 8 s	--	A,B,C & electric	--	--	--	--
	10kg	14.8	4.8	320	300	less than 10 s	--	A,B,C & electric	--	--	--	--

DuPont™ FE 36™ Clean Agent Extinguisher	2kg	3.7	1.7	344	108	minimum 8 s	2	A,B,C & electric	--	8B	--	ISI
	4kg	6.9	2.9	440	140	minimum 13 s	2	A,B,C & electric	1A	13B	--	ISI
	6kg	9.4	3.4	480	160	minimum 13 s	2	A,B,C & electric	2A	21B	--	ISI

CO <sub>2</sub> Valve Type Extinguisher	4.5 kg	19.1	14.6	860	140	minimum 13 s	2	B, C	--	13B	--	ISI
	6.5 kg	30.5	24.0	1015	140	minimum 13 s	4	B, C	--	34B	--	ISI
	22.5 kg	93.5	71.0	1330	232	minimum 20 s	4	B, C	--	89B	--	ISI

Note : for Trolley mounted (4.5, 6.5 & 22.5 Kg) products gross weight considered with Trolley.

CO <sub>2</sub> Squeeze Grip Extinguisher	2 kg	9.1	7.1	595	108	minimum 8 s	2	B, C	--	8B	--	ISI
	4.5 kg	19.1	14.6	860	140	minimum 13 s	2	B, C	--	13B	--	ISI

Note : for Trolley mounted (4.5 Kg) products gross weight considered with Trolley.

CO <sub>2</sub> Aluminium	2 kg	5.16	3.16	615	111	minimum 8 s	--	B & C	--	8B	--	ISO & PESO
	4.5 kg	11.16	6.66	860	140	minimum 13 s	--	B & C	--	13B	--	ISO & PESO

Note : for Trolley mounted (4.5 Kg) products gross weight considered with Trolley.

AFFF Foam Extinguisher	9 Litre	15.1	6.1	615	175	less than 13 s	4	A, B & C	3A	34B	--	ISI, EN
	50 Litre	108	58	1200	300	less than 180 s	10	A, B & C	55A	IIB	--	ISI

Note : for 50 Ltrs Trolley mounted Gross weight considered with Trolley.

Water Extinguisher	9 Litre	15.1	6.1	615	175	less than 120 s	4	A	3A	--	--	ISI
	50 Litre	108	58	1200	300	less than 180 s	10	A	55A	--	--	ISI

Note : for 50 Ltrs Trolley mounted Gross weight considered with Trolley.

# SPECIFICATIONS

CAN CONSTRUCTION	VALVE CONSTRUCTION	INTERNAL COATING	EXTERNAL COATING	SHEET METAL THICKNESS	WARRANTY	HELIUM LEAK DETECTION TESTING
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	5 Years	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	4.00 mm	1 Year	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	5.00 mm	1 Year	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	5.00 mm	1 Year	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	1.60 mm	5 Years	Yes
Hot Spinning / Forging	Forging & Machining	not applicable	Spray Painting	4.50 mm	1 Year	-
Hot Spinning / Forging	Forging & Machining	not applicable	Spray Painting	4.50 mm	1 Year	-
Hot Spinning / Forging	Forging & Machining	not applicable	Spray Painting	5.20 mm	1 Year	-
Hot Spinning / Forging	Forging & Machining	not applicable	Spray Painting	4.00 mm	1 Year	-
Hot Spinning / Forging	Forging & Machining	not applicable	Spray Painting	4.50 mm	1 Year	-
Cold Impact Extrusion	Forging & Machining	Not Applicable	Spray Painting	--	3 Year	
Cold Impact Extrusion	Forging & Machining	Not Applicable	Spray Painting	--	3 Year	
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	1 Year	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	4.00 mm	1 Year	-
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	1 Year	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder coating	Epoxy Polyester Powder coating	4.00 mm	1 Year	-



Extinguisher Name	SIZES	GROSS WEIGHT- (IN KG)	EMPTY WEIGHT- (IN KG)	HEIGHT (IN MM)	DIAMETER (IN MM)	DISCHARGE TIME IN SECONDS (S)	RANGE (NOT LESS THAN) IN METERS	CLASSES OF FIRES THAT CAN BE PUT OFF	A RATING	B RATING	F RATING	APPROVALS
Ceasefire Hydro Pyroquell System (CHPS)	2 Litre	4.6	2.6	440	140	minimum 8 s	--	A, B, F & Electrically started fires	--	--	15F	ERDA
	3 Litre	6.23	3.23	480	160	minimum 13 s	--	A, B, F & Electrically started fires	5A	21B	25F	ERDA
	6 Litre	10.4	4.4	615	175	minimum 13 s	--	A, B, F & Electrically started fires	8A	34B	40F	ERDA

Green Mist Extinguisher	2 Litre	4.86	2.86	440	140	minimum 8 s	--	A, B, F & Electrically started fires	--	--	15F	ERDA
	3 Litre	6.36	3.36	480	160	minimum 13 s	--	A, B, F & Electrically started fires	5A	21B	25F	ERDA
	6 Litre	12.15	6.15	615	175	minimum 13 s	--	A, B, F & Electrically started fires	8A	34B	40F	ERDA

Water Mist Extinguisher	9 Litre	23.9	14.9	560	204	less than 25 s	--	A,B & electric	27A	233B	--	EN, ERDA
	50 Litre	110	60	1130	300	less than 180 s	--	A,B & electric	43A	IIB	--	EN, ERDA

Direct Low Pressure Quick Response System	2 kg	3.98	1.98	333	108	--	--	--	--	--	--	CE, TPED
	4 kg	7	3	413	140	--	--	--	--	--	--	CE, TPED
	6 kg	9.42	3.42	460	160	--	--	--	--	--	--	CE, TPED
	9 kg*	14.53	5.53	590	175	--	--	--	--	--	--	CE, TPED

\* 9kg - technical specification for HCFC 123

Direct High Pressure Quick Response System	2 kg	8.52	6.52	595	108	--	--	--	--	--	--	CE, TPED
	4.5 kg	14.73	13.23	735	139	--	--	--	--	--	--	CE, TPED
	6.5 kg	23.2	16.7	980	139.7	--	--	--	--	--	--	CE, TPED
	22.5 kg	63.6	41.1	1170	232	--	--	--	--	--	--	CE, TPED

Speciality Powder for Metals : TEC (SPM-TEC)	4 Kg	6.9	2.9	440	140	minimum 15 s	4	D metal fires in Magnesium, Aluminium,Zinc, Sodium, Potassium, Francium, Lithium, Cesium	--	--	--	EN
	6 Kg	9.4	3.4	480	160	minimum 16 s	4	D metal fires in Magnesium, Aluminium,Zinc, Sodium, Potassium, Francium, Lithium, Cesium	--	--	-	EN
	9 Kg	14.9	5.9	615	175	minimum 18 s	4	D metal fires in Magnesium, Aluminium,Zinc, Sodium, Potassium, Francium, Lithium, Cesium	--	--	--	EN

Speciality Powder for Metals : PYRO (SPM-PYRO)	4 Kg	6.9	2.9	440	140	minimum 15 s	4	D metal fires in heavy metals, alkali metals and their alloys	--	--	--	EN
	6 Kg	9.4	3.4	480	160	minimum 16 s	4	D metal fires in heavy metals, alkali metals and their alloys	--	--	-	EN
	9 Kg	14.9	5.9	615	175	minimum 18 s	4	D metal fires in heavy metals, alkali metals and their alloys	--	--	--	EN

## Smoke Detection Systems - TECHNICAL SPECIFICATIONS

Model	Product	Type	Connectivity	Power Supply	Alarm Sound Level	Dimension	Weight
1CS17	Wireless Siren	Piezo	Wireless with Control Panel	9 VAC	98 Db	305x190x65mm	940 g
1CS12	Smoke Detector	Photoelectric	Wireless with Control Panel	9 Volt Battery	85 Db	2.3" x 4.7"	165 g
1CS11	Wireless Alarm Control Panel	-	Wireless with SD	230VAC, 50Hz / 9VAC, 1A	85 Db	10-13/ 16" x 8 x 2-1/8"	990 g without batteries
1CS21	12 Bit Wireless Repeater	-	Wireless with Control Panel	13-20VDC, 11-16VAC	-	4-5/16 x 2-1/ 2 x 1"	73 g



# SPECIFICATIONS

CAN CONSTRUCTION	VALVE CONSTRUCTION	INTERNAL COATING	EXTERNAL COATING	SHEET METAL THICKNESS	WARRANTY	HELIUM LEAK DETECTION TESTING
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	1.50 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	1.50 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	1.50 mm	5 Years	Yes

Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	1.60 mm	1 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	1.60 mm	1 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	--	--	2.00 mm	1 Years	Yes

Deep drawn & CO <sub>2</sub> Mig welded	--	Epoxy Powder coating	Epoxy Polyester Powder coating	1.5 mm	1 Year	Yes
Rolling, Deep drawn & CO <sub>2</sub> Mig welded	--	Epoxy Powder coating	Epoxy Polyester Powder coating	2.00 mm	1 Year	-

Deep drawn	Forging & Machining	--	Epoxy Powder Coating	1.60 mm	1 Years	Yes
Deep drawn	Forging & Machining	--	Epoxy Powder Coating	1.60 mm	1 Years	Yes
Deep drawn	Forging & Machining	--	Epoxy Powder Coating	1.60 mm	1 Years	Yes
Deep drawn	Forging & Machining	--	Epoxy Powder Coating	2.00 mm	1 Years	Yes

Hot Spinning & Heat Treatment	Forging & Machining	--	Epoxy Powder Coating	3.5 mm	1 Years	
Hot Spinning & Heat Treatment	Forging & Machining	--	Epoxy Powder Coating	4.2 mm	1 Years	
Hot Spinning & Heat Treatment	Forging & Machining	--	Epoxy Powder Coating	4.5 mm	1 Years	
Hot Spinning & Heat Treatment	Forging & Machining	--	Epoxy Powder Coating	5.2 mm	1 Years	

Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	2.00 mm	5 Years	Yes

Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	1.60 mm	5 Years	Yes
Deep drawn & CO <sub>2</sub> Mig welded	Forging & Machining	Epoxy Powder Coating	Epoxy Polyester Powder Coating	2.00 mm	5 Years	Yes

## Smoke Detection Systems - TECHNICAL SPECIFICATIONS

Model	Product	Type	Connectivity	Power Supply	Alarm Sound Level	Dimension	Weight
1SD02P	Smoke Detector	Dual Chamber Ionization	Wired	9 Volt Battery	85 Db	127mm dia	220 g
1SD05	Smoke Detector	Dual Chamber Ionization	Standalone	9 Volt Battery	85 Db	6.63" x 2.25"	224 g
1SD04A	Smoke Detector	Dual Chamber Ionization	Standalone	9 Volt Battery	85 Db	5 (D)" x 2"	243 g
1SD01	Smoke Detector	Dual Chamber Ionization	Standalone	9 Volt Battery	85 Db	6.75" x 2.19" x 8.56"	170 g
1SD03	Smoke Detector	Dual Chamber Ionization	Standalone	9 Volt Battery	85 Db	6.31" x 2.29" x 8.56"	180 g



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CO<sub>2</sub>



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### FIRE EXTINGUISHERS



- Clean Agent
- Powder
- Water
- Foam
- CO<sub>2</sub>
- Hydro Pyroquell System - CHPS
- Watermist
- Fire Extinguisher Strolley
- Bike Mounted Kit Watermist Cabs
- Greenmist Extinguisher
- New Insta-alert
- Home Safety



### FIRE EXTINGUISHERS - SYSTEMS



- Ceasefire Quick Response System (CQRS)
- Hydrant 2000 & 3000
- Single Fluid Generator Auto-Quell System
- Single Fluid Transformer Auto-Quell System
- Kitchen Suppression System
- Indoor Auto-Quell System
- Flooding System SWIFT  
(Self activated watermist instant flooding technology)
- FM 200 Flooding System



## SMOKE DETECTION SYSTEMS

- Wireless
- Uni-wireless fire alarm system
- Wired
- Standalone



## ESCAPE SIGNS & DIRECTIONAL LIGHTING SYSTEMS

- Photoluminescent
- LED
- Escape Gear



## FIRE SUITS

- Proximity Suits
- Entry Suits
- Industrial Suits



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