



CEASE FIRE

The Fire and Safety Experts



Over 500
Quality Products



State-of-the-Art
Technology



International
Certifications

Fire Suppression Systems





CERTIFICATIONS

CEASEFIRE FIRE SUPPRESSION SYSTEMS



**CEASEFIRE'S
HFC227EA FLOODING
SYSTEM**

Certified by LPCB to LPS
1230 Standard



**CEASEFIRE MINI-
MICRO ENVIRONMENT
SUPPRESSION SYSTEM**

Tested by
BSI



**CEASEFIRE'S IN-PANEL
TUBE-BASED FIRE
SUPPRESSION SYSTEM**

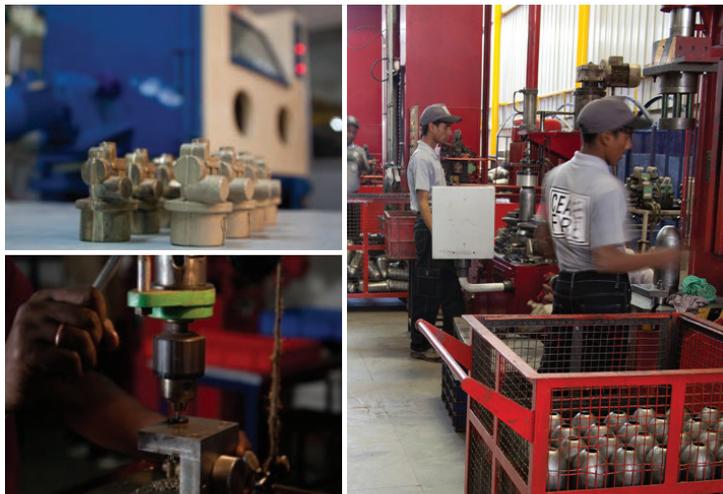
Certified by LPCB to LPS
1666 Standard

Ceasefire is ranked amongst the top fire safety brands in the Indian subcontinent.



Airports, aircraft, the Indian Railways, ISRO, ships, factories, warehouses, malls, stadiums, offices, cars, hospitals, schools, houses and Indian Army Ammunition Depots across the country are protected by Ceasefire.

And of course, millions of Indians who use these facilities.



In a market where many manufacturing units are little more than assembly operations, Ceasefire's products are deeply researched, quality-tested and engineered to perform to the highest standards. Manned by over 200 skilled and semi-skilled employees, our manufacturing unit is equipped for backward integration on virtually every component of an extinguisher, from its outer body to the tiniest valve. This means a greater cost to us, but the resulting quality is faultless.



Ceasefire designs products at the in-house Design Centre; and produces critical components at the hi-tech Ceasefire manufacturing unit in Dehradun, India.



An advanced MIG CO₂ welding station. A state-of-the-art paint shop for weather protection and seamless finish.



An in-house valve manufacturing unit. A world class deep draw machine equipped with advance hydraulics system.



And a testing lab where a battery of the most stringent in-ward and out-ward tests determine whether or not a product is fit to be sold.

Today, a Ceasefire product is sold every 60 seconds, and used in a real life fire emergency every 5 minutes.

We've never let anyone down.



Fire Suppression Systems

HFC227ea FLOODING SYSTEM

Certified by LPCB to LPS 1230 Standards



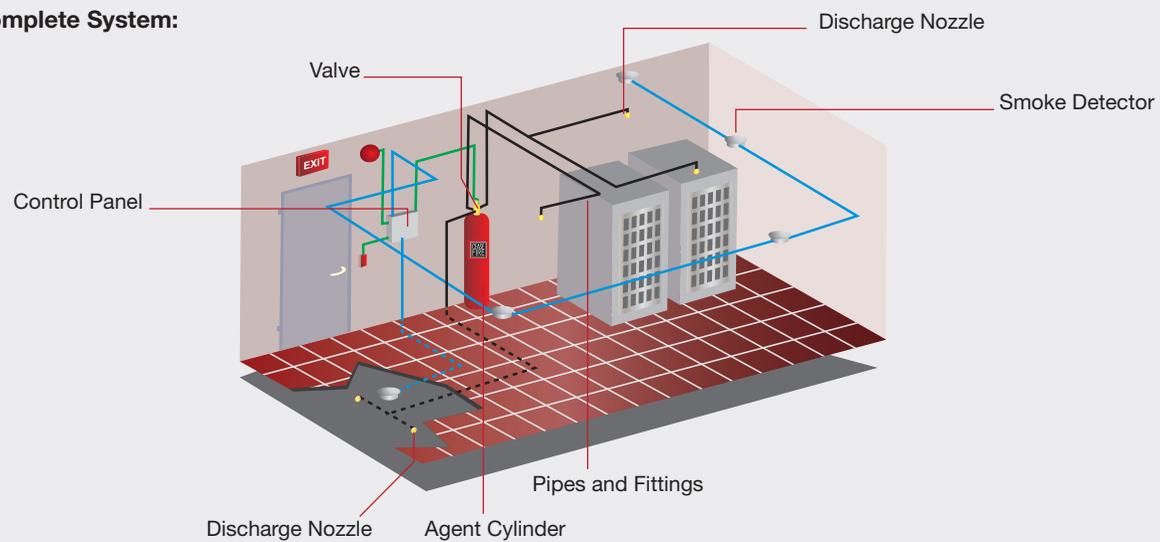
Areas such as offices, server rooms and data centres where heavy-duty electronics, computers, etc, are stored are prone to fire. Unfortunately, most of the time, while putting out the fire, suppression systems end up damaging the very things they're meant to protect.

The HFC227ea Flooding System is the fastest fire protection available. The detectors sense a rise in temperature above normal, particles of smoke, or a change in air quality, and alert the Control Panel. This, in turn, activates the system and triggers the HFC227ea gas. A hooter goes off, warning personnel to clear the area while the agent is dispersed.

Features:

- Fights Class A, B, C, F fires and fires involving electrically charged devices
- Electronics and environment-friendly
- Superior extinguishing agent - HFC227ea
- No clean-up required after discharge
- Can be triggered manually or automatically
- 24-hour protection

The Complete System:



Components:



Agent Tank



Valves and Actuation Line



Nozzles



Pipes and Fittings



Detection Devices



The HFC227ea Control Panel

IN-PANEL TUBE-BASED MICROENVIRONMENT SUPPRESSION SYSTEM (CQRS)

Certified by LPCB to LPS 1666 Standards



How do you detect a fire you cannot even see? And even if detected, how do you effectively fight it in an area that is difficult to access? Ceasefire's In-Panel Tube-based Fire Suppression System (CQRS) is a revolutionary firefighting solution which combines ground-breaking technology with functional simplicity to keep what's precious, safe.

Features:

- Fights Class A, B, C fires and fires involving electrically charged devices
- Self-actuated, electronics and environment-friendly
- Available in two variants: High Pressure (CO₂ Based) & Low Pressure (Clean Gas Based) systems
- Superior extinguishing agents - DuPont™ fe 36™ or HCFC 123 and CO₂
- No clean-up required after discharge
- 24-hour protection

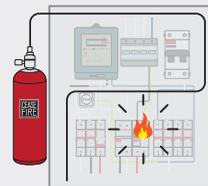
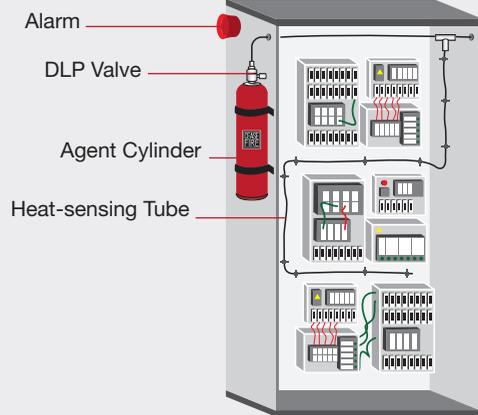
Sizes available:

Pre-fabricated variants are as follows:
Low Pressure Variant: 2kg, 4 kg, 6 kg, 9 kg

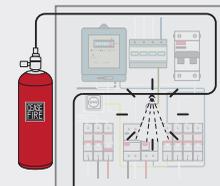
High Pressure Variant: 2 kg, 4.5 kg, 6.5 kg & 22.5 kg

The system comes in customised as well as pre-fabricated options. Customised designs are executed as per the individual needs of the premises.

The Complete System:

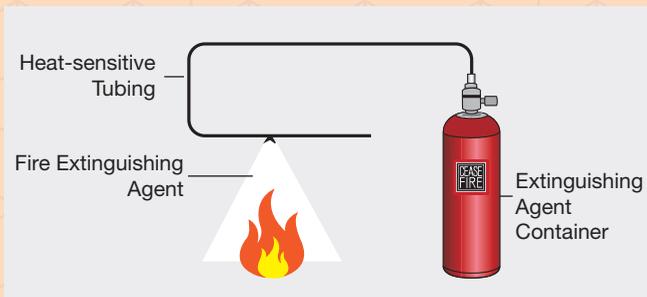


The single heat-sensitive polymer tube is connected to an extinguishing agent container via a pressure release valve. When a fire breaks out, it results in a drastic increase in temperature.



When it reaches 180° - 200°C, the heat-sensitive tubing bursts and releases the extinguishing agent through the direct or indirect line. The extinguishing agent is sprayed out of the container, flooding the microenvironment and instantly extinguishing the flame.

Types of Systems:



Direct

Here, the heat-sensitive tubing also acts as an extinguishing agent delivery system. The tube bursts at the point where the fire is detected, forms a miniature nozzle and sprays the extinguishing agent. Ideal for places where fires can break out in localised areas. This is available in low-pressure and high-pressure systems.



Indirect

In the Indirect system, the heat-sensitive tubing only acts as a detection device. The extinguishing agent is delivered through a steel conduit and sprayed across the entire area through strategically placed nozzles. Ideal for areas where there is a chance of fires igniting at multiple points. This is available in low-pressure and high-pressure systems.

Fire Suppression Systems

SERVER QUICK RESPONSE SYSTEM

A blaze in a server room or a data centre could lead to loss of vital information, reputation, and significant expenses in replacing damaged servers, downtime, and sometimes, a full shutdown. SQRS is powered by HFC227ea - the cleanest extinguishing agent known to man. This fully automated, independent suppression system is perfect for an individual server. It is designed to slot into your existing server racks and quell a fire within seconds of detection.



Features:

- Fights Class A, B, C, E and F fires
- Electronics and environment-friendly
- Uses superior extinguishing agent - HFC227ea
- Residue-free, therefore no collateral damage
- 24-hour protection
- High-value risk protection
- Self-activating with multiple triggers

The Complete System:



CF 3000 - SELF-CONTAINED WATERMIST-BASED HYDRANT SYSTEM



When a fire breaks out, external factors such as traffic and construction could prevent fire tenders from making it in time. To beat a fire, you need two important things on your side: quick response time and powerful firefighting equipment that's easily accessible and on the premises.

Ceasefire's CF 3000 is suitable for places with no ready supply of compressed air and water. It features an inbuilt Pressure Container, Water Storage Unit, Watermist Technology and an optional Foam Supply Unit. Pull out the long hose, activate the device and instantly be armed with CF 3000's immense firefighting power.

Features:

- Fights all classes of fires
- Powered by Watermist and foam
- No power supply required
- Effective use of water

The Complete System:



CF 2000 - SELF-CONTAINED WATERMIST-BASED HYDRANT SYSTEM



Powered by the revolutionary Watermist technology, CF 2000 increases the firefighting and cooling properties of water, manifold.

It's highly dependable and a standalone firefighter. It has a clear advantage of longevity over other hydrants which might run dry and fire extinguishers which may exhaust before putting out all the flames.

The CF 2000 practically guarantees an unlimited water supply. It can easily be connected to an existing water pipe/hydrant and pressure line – effectively making hundreds of liters of water & air readily available for fighting the flames. It also features an AFFF Foam additive option for increased extinguishing power.

Features:

- Fights all classes of fires
- Safe for humans & environment
- Causes minimal collateral damage
- Effective use of water

Fire Suppression Systems

MINI

Tested by BSI



The Mini is Ceasefire's state-of-the-art microenvironment suppression system. Palm-sized, it sits snugly inside small enclosed spaces that are vulnerable to fire. When the temperature of the microenvironment exceeds a preset limit, the Mini swings into action and extinguishes the fire. Servers, fuse boxes; the Mini fits anywhere, and protects everywhere.

Features:

- Fights all classes of fire
- Self-activated and easy to install
- Fits anywhere
- No power supply required
- Heat-sensitive glass bulb acts as a heat sensor
- Five different sizes and 3 types of bulbs to protect any microenvironment

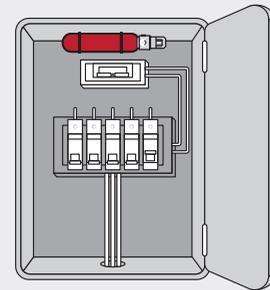
Sizes available: 100 g, 200 g, 300 g, 400 g, 500 g

System Variants:



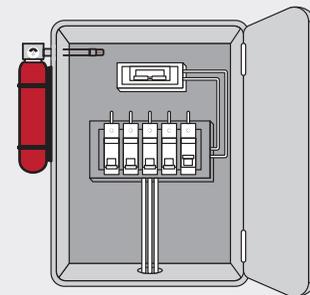
Intuitive System

The Mini Intuitive System is a direct suppression system, which protects the microenvironment from the inside. Place it inside, or attach it to the inner wall of the microenvironment, and the Mini is ready to protect.



Adaptive System

The Mini Adaptive System is an indirect suppression system designed for those microenvironments which are too small to even accommodate a Mini, let alone other firefighting systems. In this case, the Mini container is installed on the outside, with its heat-sensitive glass bulb inside the microenvironment.



Bulb Variants:

57°C: Electrical cabinets in low temperatures, like air-conditioned workplaces, hospitals, server rooms, etc.

63°C: Electrical cabinets in moderate temperatures, like non-AC offices, factories, garages, etc.

93°C: Ideal for electrical cabinets with high temperatures, like welding units and manufacturing setups

LANCEPRO



Often, when a fire breaks out in any large premises, the first line of responders are the ones at maximum risk. Firefighters need a firefighting system on their side. One that fights its way into sealed off spaces, battles the flames, controls collateral damage and keeps the firefighter at a safe distance.

The Ceasefire Lancepro is powered by Watermist technology. The firefighter makes an opening in the wall with the system kit's rotary hammer. He inserts the Lancepro gun and uses the power of Watermist to extinguish the fire.

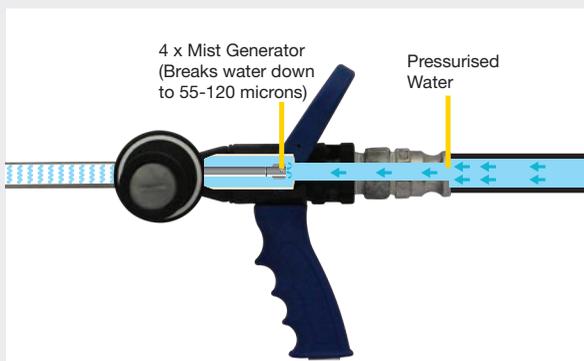
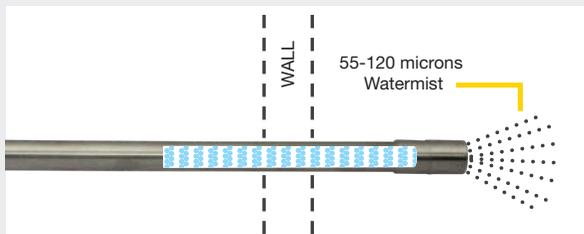
Features:

- Fights Class A, B, C, F and electrically started fires
- Ensures safety of the firefighter with remote access
- Watermist ensures no collateral damage
- Two drill bits for use on metal or concretes surfaces
- Environment-friendly
- Ideal for rapid reaction

Variants available:

- Lancepro1 - To horizontally penetrate through the enclosed area
- Lancepro2 - Used for vertical access

The Complete System:



Lancepro Kit



Hammer Drill Machine



Carry Case

Fire Suppression Systems

MORPH



Designed to help firefighters take on the largest fires, the Morph is a range of advanced nozzle guns that convert water from fire trucks and hydrants into Watermist, thus increasing its firefighting power manifold.

The Morph Range:

The Converter

This nozzle is ideal for grass fires and bush fires as it dispenses Watermist with a wide throw.

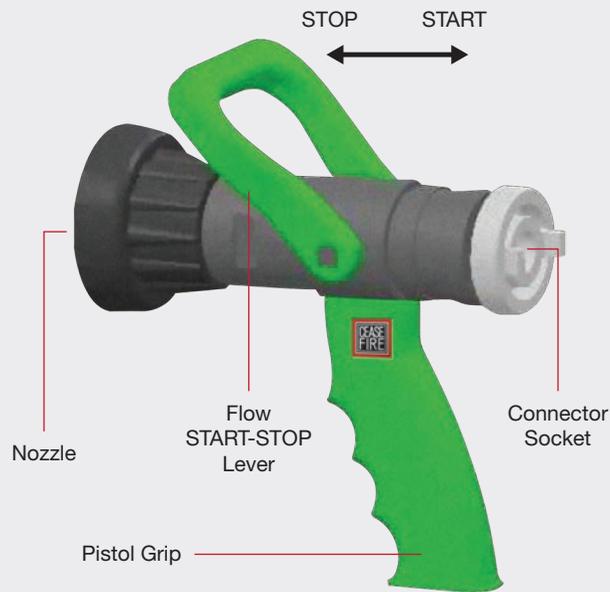
The Transformer

This nozzle is ideal for use by firefighters on light, fast response fire trucks to extinguish Class A, B, C and F fires, as well as electrical fires. It can also be used on storage tanks to convert them into Watermist hydrant systems.

The Morpheus

This nozzle is the real deal. It expels Watermist with the most pressure, the most throw and the most reach. It is designed to extinguish Class A, B, C and F fires, as well as electrical fires.

The Complete System:



The Morph can also be attached to an existing water hydrant system in commercial and residential complexes to transform it into a Watermist system.



Download the Ceasefire app.



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