



CEASEFIRE'S WATERMIST

COMPRESSED AIR FOAM SYSTEM.

400 TIMES MORE POWER.



CEASEFIRE LOW PRESSURE

WATERMIST & COMPRESSED AIR FOAM SYSTEM (CAF)

Water is fire's oldest enemy. The best extinguishing agent known to man. It has a theoretical cooling ability of 2.6 MW per litre per second. But in a real fire situation, such tremendous cooling power can only be achieved with hundreds of litres of water. Because nearly 80% of the water escapes the fire zone without evaporating.

Water's immense firefighting power can be optimally utilised only by complete vaporisation in a fire environment. To achieve this, water must be broken down into microscopic molecules that have a surface area coverage many times higher than water. These droplets (about 150 microns in size) must then be delivered to the fire with a kinetic force strong enough to overcome fire's own convection currents. The result: a powerful, reliable, efficient extinguisher.

Ceasefire now brings together all these features and creates the Watermist Compressed Air Foam System; the best firefighting weapon ever designed.



Ceasefire's Watermist Compressed Air Foam System features a high technology gun which breaks water up into minuscule 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.

CLASS A



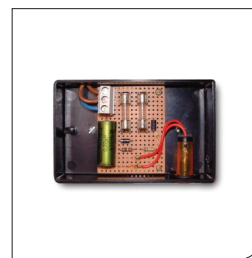
Fires involving solids: wood, cloth and plastics.

CLASS B



Fires involving liquids: petrol, paint and chemicals.

ELECTRICAL FIRES



Fires involving electrically energised equipment.*

WHAT'S MORE?

High firefighting effectiveness



Thanks to a vast evaporation surface, nearly 100% of the mist delivered through Ceasefire's Watermist Compressed Air Foam System evaporates in the fire environment, making for a more powerful, more efficient extinguisher. One that works on all types of fires – including electrically started and petrol fires which cannot be fought using traditional water dispensing mechanisms.



Extra security for people – screening

Mist acts as a great barrier against thermal radiation, giving added protection to the firefighter.



Post fire damage reduction

About 80% of the damage resulting from a fire is actually caused by the extinguishing action: flooding and contamination with foam or active chemical extinguishing powder. Mist evaporates completely, causing little or no collateral damage.



Low water usage with mist of < 150 microns

Ceasefire's Watermist Compressed Air Foam System generates mist with 150 micron droplets, thus using many times less water than conventional water jets.

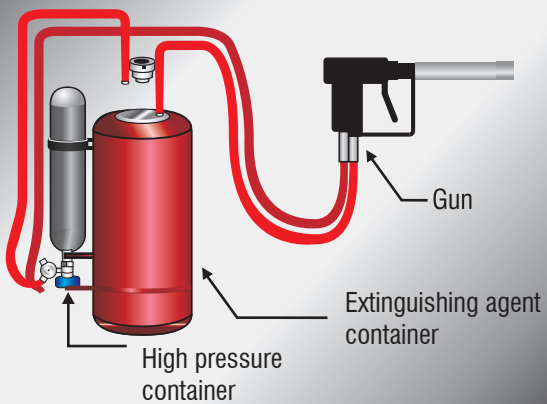


A green extinguisher

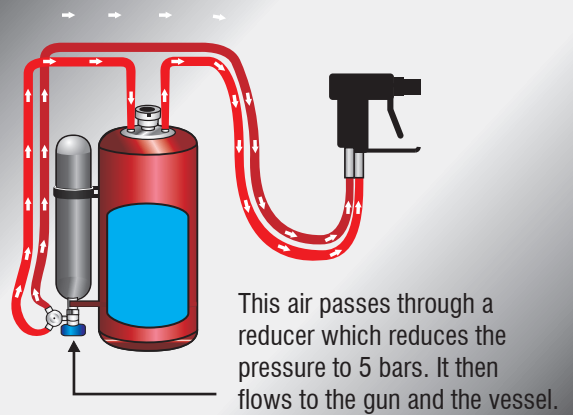
The use of water as the primary agent makes Watermist Compressed Air Foam System a unique, 'green', environment friendly product.

* safe upto 1000 watts

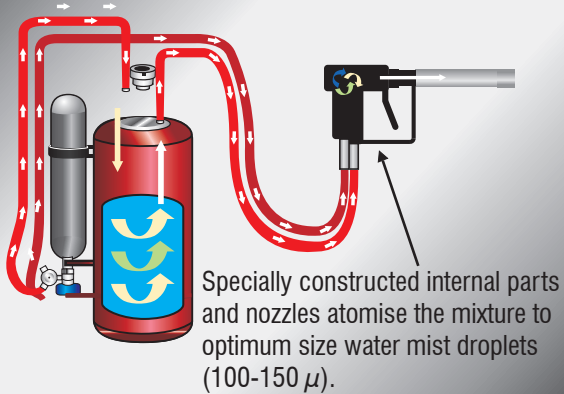
THE SYSTEM



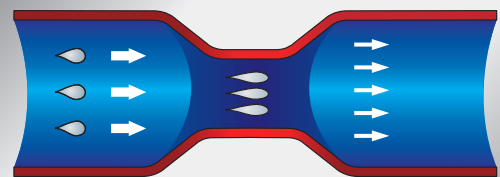
HOW IT WORKS



HOW IT WORKS



HOW IT WORKS

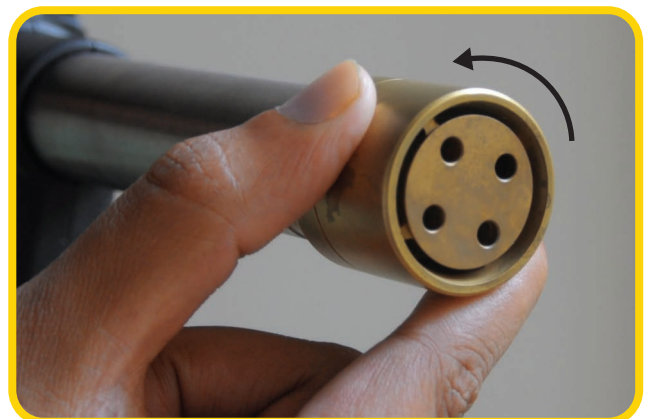


The aerodynamics of the gun furt accelerate the speed of the drople

THE DOUBLE PHASE EXTINGUISHING GUN WITH ADJUSTABLE NOZZLE



Fine spray to fight close range Class A fires such as fires in wood, paper and cloth, and electrically started fires.



Wide throw to combat Class B (oil, petrol, paint) fires.

TECHNICAL SPECIFICATIONS

Nomenclature For Portable Fire Extinguisher	Fire Extinguisher CAFS Low Pressure Foammist 9L SS CT Red	Fire Extinguisher CAFS Low Pressure Foammist 50L SS CT Red
Stored Pressure / Cartridge	Cartridge Type	Cartridge Type
Agent	3% of KV Foam 3% C-6	3% of KV Foam 3% C-6
Agent Category	CAFS	CAFS
Product Code	CF-000781	CF-000782
Certification Type	PED	PED
Kitemark	No	Yes
PED	Yes	Yes
Gross Weight	23.80 to 26.20 kg	Approx. 102.50 kg
Net Mass	8.55 to 9.00 Ltr	47.50 to 50.00 Ltr
Approx. Height Of Fire Ext.	575 mm	1200 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip Gun
Applicable On Fires	A, B & Electrical Started Fire	A, B & Electrical Started Fire
EN 3 Ratings Class A Fire	27A	A
EN 3 Ratings Class B Fire	233B	IVB
Can Construction	Deep Drawn & MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Machining	Machining
Internal Coating	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder
Warranty In Years	5	5
Approx. Gun Weight In Kg	N/A	Approx. 1.64 kg
G.A. Drawing Number	CF/CT-CAF9/GA/02	CF/CT-CAF50/GA/02
Working Pressure	8Bar	8Bar / 11Bar
Dia. Of Shell (OD)	204.0 mm	300.0 mm
Operating Temperature	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	30Bar
Cylinder Material Spec.	SS 316L (1.4435)	SS 304 (1.4301)
Body Thickness	1.5 mm	2.0 mm

* Please check the product specifications at the time of placing your order from our website (address of which is given at the end of this catalogue). Specifications can change without notice due to our continuous R&D and product improvisation initiatives.



9 LTR



50 LTR

FIGHTS CLASS

A B ⚡

STANDARDS

EN1866 PED

CERTIFICATIONS



CERTIFYING BODY



CEASEFIRE'S WATERMIST COMPRESSED AIR FOAM SYSTEM IS IDEAL FOR:

- Manufacturing units, Offices, Warehouses, Hospitals, Hotels and Restaurants, Retail, Banking- almost everywhere
- Places with high risk of Class B fires like genset areas, paint factories, petrol pumps.

CEASEFIRE DESIGN CELL :

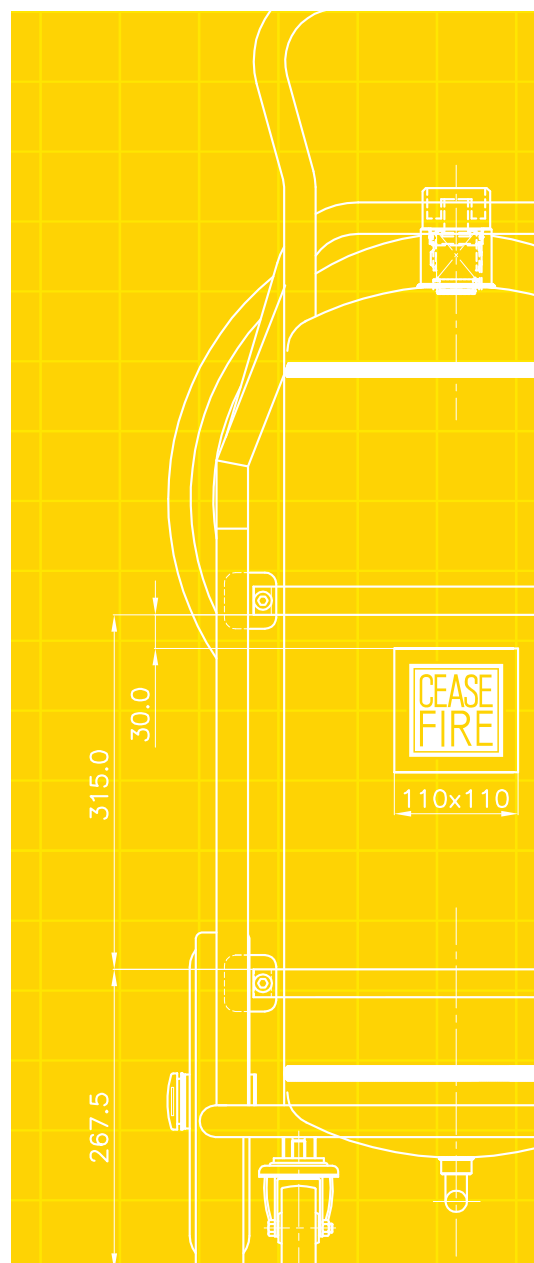
No two premises are alike. By offering the most flexible system configurations in the industry, Ceasefire provides the most efficient protection for facilities. Believing that the most effective fire solutions are the ones that are customised according to the unique characteristics of the area being protected, Ceasefire has established the Ceasefire Design Cell (CDC).

Functioning as the single touch point for all fire safety needs, CDC is manned by fire experts and managers with years of experience in fire safety under their belts. As a part of Ceasefire's 360 degree protection solution, the Ceasefire Technical Survey team visits your facility and conducts a detailed study to understand its vulnerabilities and requirements. They survey the premises and work out requirement based on fire threats in the room.

Once it has been finalised, Ceasefire's expert Installation Team oversee installation and testing. The Ceasefire Team also trains you and your staff to use the fire safety system.

Benefits:

- An exhaustive planning process, executed by engineers with years of experience.
- State-of-the-art solutions and products in association with world leaders.
- Design and installation of your System overseen by professionals, ensuring delivery of a high quality & reliable system.



CEASEFIRE NOW

360° lifesaving fire safety solutions. More than 3,000 new customers a month. A product sold every 61 seconds. A life saved every 5 minutes. Presence in over 300 cities and towns. Backed by a team of more than 2,000. 400 lifesaving products – from green fire extinguishers that can tackle any kind of fire to first of its kind automatic fire extinguisher to more advanced independent suppression systems – Ceasefire has it all. We're equipped and ready to protect your premises.

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