



**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

*It is mandatory for the extinguisher to be refilled by Ceasefire in the 3rd year.

Ceasefire CAF Low Pressure

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

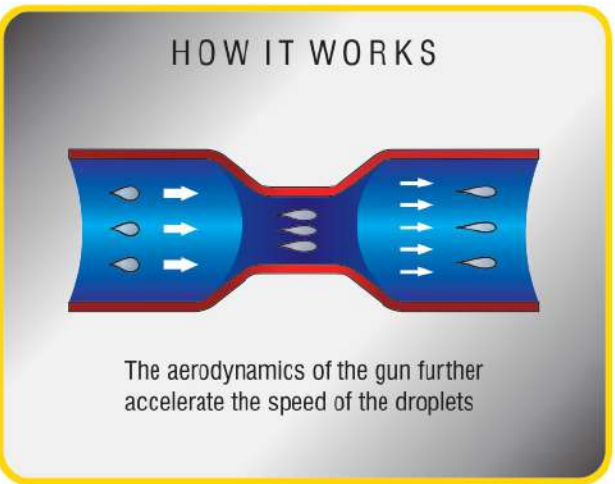
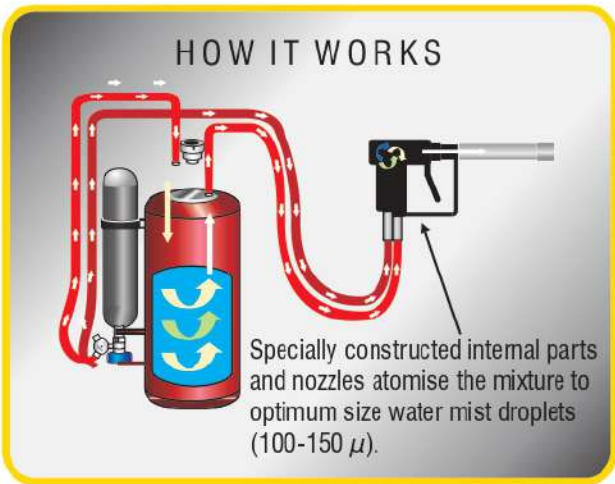
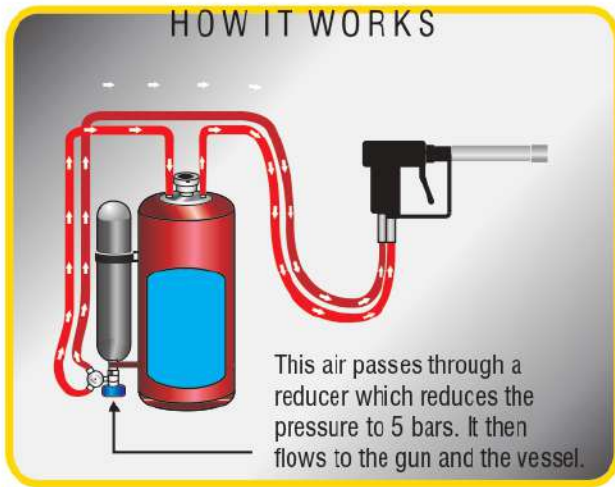
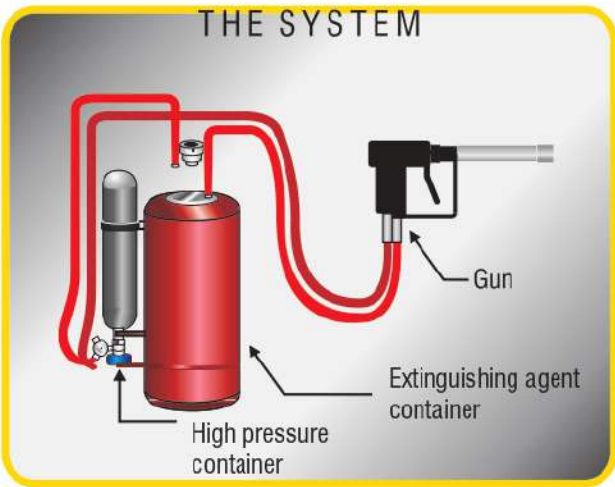
Ceasefire's Watermist Compressed Air Foam System generates mist with 150 micron droplets, thus using many times less water than conventional water jets.



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 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 FOAM MIST 9L SS CT RED | Fire Extinguisher CAFS LOW PRESSURE Foam Mist 50L SS CT |
| PRODUCT CODE | CF-000781P | CF-000782P |
| PRESSURE TYPE | CARTRIDGE TYPE | Cartridge Type |
| EXTINGUISHING AGENT | 3% OF KV FOAM 3% C-6 | 3% of KV Foam 3% C-6 |
| APPLICABLE ON FIRES | A, B & ELECTRICAL STARTED FIRE. | Class A, B & Electrical Started Fire |
| IS 15683 RATINGS | | |
| IS 15683 RATINGS | | |
| IS 15683 RATINGS | | |
| EN 3 RATINGS | 27A | A |
| EN 3 RATINGS | 233B | IVB |
| EN 3 RATINGS | | NA |
| CERTIFICATION STANDARD | PED | PED |
| CERTIFICATION BODY | EUROCERT | EUROCERT |
| GROSS WEIGHT | 23.80 TO 26.20 KG | APPROX. 102.50 kg |
| NET CONTENT | 8.55 TO 9.00 LTR | 47.50 to 50.00 ltr |
| APPROX. HEIGHT OF FIRE EXT. | 575 MM | 1200 mm |
| DISCHARGE MECHANISM | SQUEEZ GRIP | Squeeze Grip Gun |
| CAN CONSTRUCTION | DEEP DRAWN & MIG WELDED | DRAWN ROLLED AND MIG WELDED |
| VALVE / CAP CONSTRUCTION | MACHINING | MACHINING |
| INTERNAL COATING | NO | NO |
| EXTERNAL COATING | EPOXY POLYESTER POWDER | EPOXY POLYESTER POWDER COATING |
| HELIUM LEAK DETECTION TESTING | NO | NO |
| WARRANTY IN YEARS | 1 | 1 |
| APPROX. GUN WEIGHT IN KG | 1.64 KG | APPROX. 1.64 kg |
| 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 |

FIGHTS CLASS

A B ⚡

STANDARDS

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.



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