



Globally Certified Quality.
Now in the United Kingdom.





CEASEFIRE INDUSTRIES UK LTD

Ceasefire UK is a 100%-owned subsidiary of Ceasefire Industries, the most trusted fire safety brand in India and a fast emerging global conglomerate. With its globally certified, holistically-integrated range of fire fighting solutions, the company is amongst the rarest in the world to have such a diverse product portfolio as part of one eco-system.



The company is a leading manufacturer of a 360 degree-unified product range that includes - A Complete line of Fire Extinguishers with the widest variety of extinguishing agents, Special Application Extinguishers, Highly-advanced In-Panel Suppression Systems, Total Flooding Systems, Greenest technologies including Inert Gas Based Suppression, Revolutionary Watermist Based Suppression Systems, Extensive range of Watermist and Wet chemical Based Kitchen Fire Suppression Systems, Hydrant Systems, Fire Alarm Systems and other highly-specialised fire fighting technologies.

This extensive product portfolio is built at the very forefront of technology and conforms to the highest global standards and carry a host of international certifications by world's top-notch quality agencies including - EN3, EN1866, LPCB, BSI, MED, PED, VDS, ISO9001. Manufactured at the company's state-of-the-art production facility in India, Ceasefire's fire fighting solutions are setting global benchmarks in quality..

Best names across industry segments in India and other parts of the world have counted on us for their safety, including global giants, MNCs, Government Agencies, Railways, Airports and Military & Strategic Establishments.

Totalling 500,000 customers. We've never let anyone down, ever.



A range certified for quality by the top-notch agencies in the world.



A FIRE EXTINGUISHERS RANGE WITH INCREDIBLE LENGTH & DEPTH



Ceasefire offers the most extensive range of fire extinguishers with widest variety of extinguishing agents to suit the needs of every kind of premises and application.

Ceasefire's range of extinguishers offer an unmatched length and depth. From **Core Line Extinguishers** including ABC Powder, Water, Foam & CO₂ to **Specialized Extinguishers** including Clean Agent Based, Metal Fire, Watermist, Foammist, Compressed Air Foam, Wet Chemical and Extinguishers for domestic use, the range is the most comprehensive ever.

The length of the Ceasefire's range of extinguishers is complemented with an incredible depth too. The extinguishers are not only available in a **wide variety of agents** for unique application but come in **every size possible** ranging to from the small sizes of 500gms, 1kg & 2kg to the Mid Segment of 4kg, 5kg, 6kg, 9kg and 12kg to the Plus sizes of 25kg, 50kg, 100kg and 250 Ltrs.

Technological Breakthrough that is a first of kind in the world.

Ceasefire's CO₂ Based extinguishers are a unique technological breakthrough which are made of much lighter Aluminum Body and have a Unique Used / Unused Indicator that makes Ceasefire's CO₂ extinguishers the only in the world to have such a feature.



THE MANUFACTURING EDGE

Our manufacturing facility is an ISO 9001 certified, state-of-the-art, backward-integrated production unit, with in-house container manufacturing, advance deep draw stations, In-house valve manufacturing, world-class paint shop and a highly sophisticated & fully equipped

quality test lab. The facility is fully compliant to the Factory Production Control (FPC) requirements of the highest global standards including EN3, EN1866, LPCB, BSI, MED, PED and OHSAS.



Deep investments in research and development help Ceasefire design products at the in-house Design Centre; and produce critical components at the hi-tech Ceasefire manufacturing unit in Dehradun, India.



And a testing lab where a battery of the most stringent in-ward and out-ward tests determine that only the best quality products are sold.



The facility has an in-house valve manufacturing unit, and a world class deep draw machine equipped with an advanced hydraulics system.



With a total production capacity of 4.8 lakh product per annum, this ISO 9001 certified facility complies to OHSAS, and has PED approval for pressure filling.



There's also an advanced MIG CO₂ welding station with motorised technology that creates the strongest, smoothest seam joints.



Finally, tie-ups with the world's leading OEMs to customise components to our exact specifications ensure nothing but the best products.



A state-of-the-art paint shop for weather protection and seamless finish ensures no cracks, rusting or flaking.



Products that guarantee quality, a range that is certified by the best quality agencies of the world.

EXTINGUISHERS PAR EXCELLENCE

Each of our extinguishers go through the following mandatory tests:

- **HPT Test of Every Extinguisher:** Every container is Hydrostatic Pressure Tested with a pressure of 30kg/cm², which is three times the working pressure of an extinguisher.
- **Inverted Beaker 24-hour Leak Test:** Pressurised extinguishers are immersed in water for 24 hours with an inverted glass beaker placed on the neck. Any trace of air bubbles symbolizes leakage and the extinguisher is rejected.
- **The Helium Leak Detection Test:** The container is charged with 99% Nitrogen and a small amount of Helium is added. Helium being lighter than air leaks out even if there is slightest trace of leakage in any joint. If so, the extinguisher is rejected.



Our extinguishers are not just manufactured, they are engineered to perfection to become the lifesavers they are.

- **Deep Draw Body:** Portable extinguishers are manufactured using a state-of-the-art Deep Draw process ensuring minimal seams on the container body.
- **MIG CO2 Welding Technology:** Extinguishers are manufactured using advanced Motorized Metal Inert Gas Welding Technology giving them a much superior and stronger container body.
- **Higher Burst Capacity:** A result of the above, our extinguishers have a much higher pressure holding (burst) capacity.
- **Treated for Longevity:** Ceasefire Extinguishers are chemically treated internally and externally to ensure durability and longevity. The world-class powder coated paint process ensures a lustrous finish that also protects the extinguisher against harsh weather, corrosion and decay.

RAISING THE QUALITY BENCHMARK TO AN ALL NEW HIGH



The Ceasefire quality promise is embedded in every component that goes in the making of our extinguishers.

■ **Hi Grade Brass Valves:** Ceasefire extinguishers are made of Heavy Brass Valves using a single piece of metal, created with precision forging and crafted by highly advanced CNC Machines.

■ **World Class Pressure Gauges:** Ceasefire Extinguishers use best-in-class, made in Germany Pressure Gauges. Our pressure gauges can be easily tested using a magnet to check their real time pressure-indication performance.

■ **EPDM Rubber:** High grade EPDM Rubber Hose Pipes ensure that our hoses do not become brittle or crack, stay flexible and have a much higher pressure holding capacity.

■ **Hi Grade Steel Squeeze Grips:** Ceasefire Extinguishers come with ergonomically designed Squeeze Grips that are made of high grade steel and are guaranteed to stay sturdy throughout the life of the extinguisher.

■ **Quality embedded in the detail:** Quality of Ceasefire extinguishers is embedded in the tiny components and how they are engineered to perfection with every attention paid to details. Where a stainless steel ferrule ensures

protection against rust so that the hosepipe always stays secured to the valve on one hand, an intelligently designed installation mount ensures that at the time of need you never have to struggle taking off our extinguisher from the bracket and launch it on fire.



MOST BRUTAL QUALITY TESTS THAT ENSURE NOTHING BUT THE BEST IS CLEARED AS THE FINAL PRODUCT, EACH TIME!

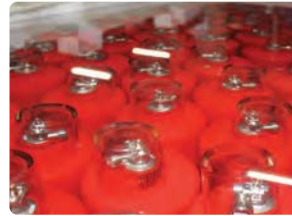
TESTS ON EVERY UNIT



✓ Helium Leak Detection Test



✓ Hydro Static Pressure Test



✓ Inverted Beaker 24-hour Leak Test

TESTS ON EVERY BATCH



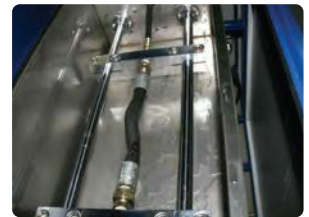
✓ Burst Test



✓ Pressure Cycling Test



✓ Drop Test



✓ Hosepipe Burst Pressure Test



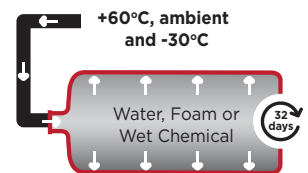
✓ Crush Test



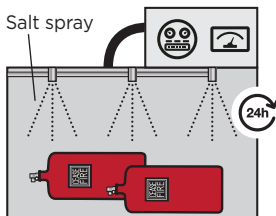
✓ Discharge Test



✓ Temperature Fluctuation Test



✓ Internal Corrosion Resistance Test



✓ Corrosion Test



✓ Impact Resistance Test



✓ Vibration Resistance Test



✓ Lock Test



✓ Pressure Gauge Test



✓ Powder Flow Test

THE MOST HOLISTICALLY INTEGRATED FIRE FIGHTING RANGE.

The Ceasefire ecosystem has evolved to encompass a very dynamic and diverse range of fire safety products that truly complement each other. The result is a 360 degree,

holistically-integrated range that can address any kind of fire safety requirement for any kind of premises with utmost perfection.



Wide range of Portable & Trolley Mounted Fire Extinguishers

ABC Powder, Water & CO₂-based extinguishers. Certified to EN3 / EN1866 standards.



Portable & Trolley Mounted Watermist-based Extinguishers

Exclusive range of Watermist-based portable and trolley mounted fire extinguishers, ready to fight large fires without any collateral damage.



Special Application Fire Extinguishers

Feature-full Clean Agent, Wet Chemical and Special Agent for Class B and Metal Fire-based fire extinguishers.



Designer Series Home & Car Fire Extinguishers

ABC Powder & Clean Agent-based fire extinguishers that come in aesthetically pleasing designs and colours.



In-Panel Tube-based Fire Suppression System

Certified by LPCB for LPS1666 Standard Certification for 2 and 4 kg HFC227ea and HFC236Fa gas variants.



Kitchen Hood Fire Suppression Systems

Watermist and Wet Chemical-based Systems. Certified by LPCB for LPS1223 Standard Certification. The range also includes BSI tested systems for domestic kitchen application.



Watermist-based Suppression Systems

Watermist-based Systems with LPCB certified nozzles for exclusive application in Offices, Warehouses, Factories, Generator and Transformer areas.



Specialised Gas-based Suppression Systems

HFC227ea-based System, available in both Engineered and Pre-engineered variants. Certified by LPCB for LPS1230 Standard Certification.



Inert Gas & CO₂ Based Suppression Systems

Ceasefire's VDS approved Inert Gas and CO₂ based systems are the greenest and most powerful extinguishing systems available today in the world.



Retrofittable Suppression Systems

Ceasefire Atom X, retrofittable suppression system that requires minimal pipes and fittings and consumes least amount of your productive work space.



Hydrant Systems

Completely Independent Watermist-based Hydrant Systems.



Fire Alarm Systems

Ceasefire's CF XPlus range of Fire Alarm systems come in a complete spectrum of Conventional, Addressable, Wireless and Standalone systems.



Special Firefighting Systems

Advanced firefighting systems that are the first of their kind in the world.

Technological leader. Demand generator.



Through our extensive fire safety product portfolio, unmatched quality and knowhow, and by bringing high end products to existing, new and lower market denominators, we've been known to open market opportunities exponentially for Ceasefire's Business Associates.

INTERNATIONAL CERTIFICATIONS. OUR HALLMARK OF QUALITY.



Ceasefire's quality is endorsed by leading certification agencies across the world. We're so confident about our manufacturing process and finished products, that we submitted our products before every leading certification agency across the globe - to see if they hold up against the most stringent, highly brutal testing

criteria. Not only did every Ceasefire product meet every parameter, but in some cases surpassed it. Today, Ceasefire products conform to the highest global standards, and carry a host of international certifications; including EN3, EN1866, MED, PED, VDS, ISO 9001 and OHSAS.

What do these Global Certifications actually mean?

Ceasefire has product quality certifications from multiple leading certification agencies. Each of these agencies epitomise safety and performance standards in their own unique way and have laid out some of the most stringent test criteria in the world.

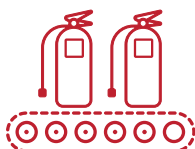
Each certification dictates unique testing criteria. MED, for example, rigorously tests products for functional efficiency in high humidity areas. PED puts special emphasis on pressure holding

capabilities. LPCB & BSI take a more holistic view of things, thoroughly checking everything from the procurement of raw materials to the production line, the performance of the product on a customer's premises, and also the after-sales service provided. Ceasefire has passed them all.

The very fact that our products qualify against these standards is a testimony that we take our job of saving lives very, very seriously, and continue to raise our product quality standards.



**Tests at European
Union-certified Labs**



**Factory Production
Control (FPC)**



**Audits on
After-sales Services**



Market Checks

Ceasefire's Product Certifications:



EN3 (LPCB & BSI Standards Certification):

The small, portable extinguishers' test comprises of 10 progressively tough tests.



EN1866 (LPCB & BSI Standards Certification):

This test is set for larger extinguishers, like trolley-mounted extinguishers.



MED (Marine Equipment Directive - LPCB Certification):

A benchmark certification for products to be used on ships, offshore oil rigs and other marine industries. This difficult certification guarantees that the extinguisher is capable of withstanding high salt and humidity conditions.



PED (Pressure Equipment Directive - LPCB Certification):

PED is one of the biggest European standards. It involves a specialised test that checks the extinguisher's pressure, holding capacity, welding, quality documentation and the entire manufacturing process of the product. The mark also recognizes that the product meets all Essential Safety Requirements (ESR) of all European Directives.



Horseshoe Mark (LPCB Certification):

Awarded by BRE Global, the certification is conferred to products that have successfully passed EN3, EN1866 and FPC audits. This is considered the hallmark of excellence the world over.



Kite Mark (BSI Certification):

By British Standards Institution, it's awarded to products that have EN3, EN1866 and FPC certifications



VDS Certification:

Germany's leading quality testing institutions for fire safety and security, VdS certification is a global hallmark of safety and performance.



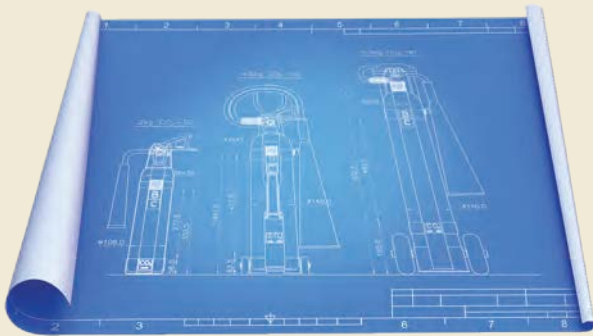
FM Global:

The certification specializes in loss prevention services primarily for large corporations throughout the world.

With our global certifications in place, Ceasefire is now licensed to sell a host of lifesaving products across the globe. Come partner with us.

PARTNER WITH CEASEFIRE.

Ceasefire hand-holds its business associates to grow along with the organization. There are a number of facilities & services designed to give our partners a platform to gather knowledge and use the Ceasefire market experience to their advantage.



Extensive Technical Support: A key support to the Ceasefire Business Associates is the carefully crafted Technical Support module from the company.

This module allows a Ceasefire Business Associate to request support through:



Email



Call



Live Call Support



Accompanied Calls

Ceasefire embeds extensive training and development into it's system to build a unique competitive edge.



Ceasefire Academy of Forging Excellence (CAFE):

Most advanced training platform with a blended learning approach deploying effectively online training, instructor-lead sessions, tests and periodic evaluation.

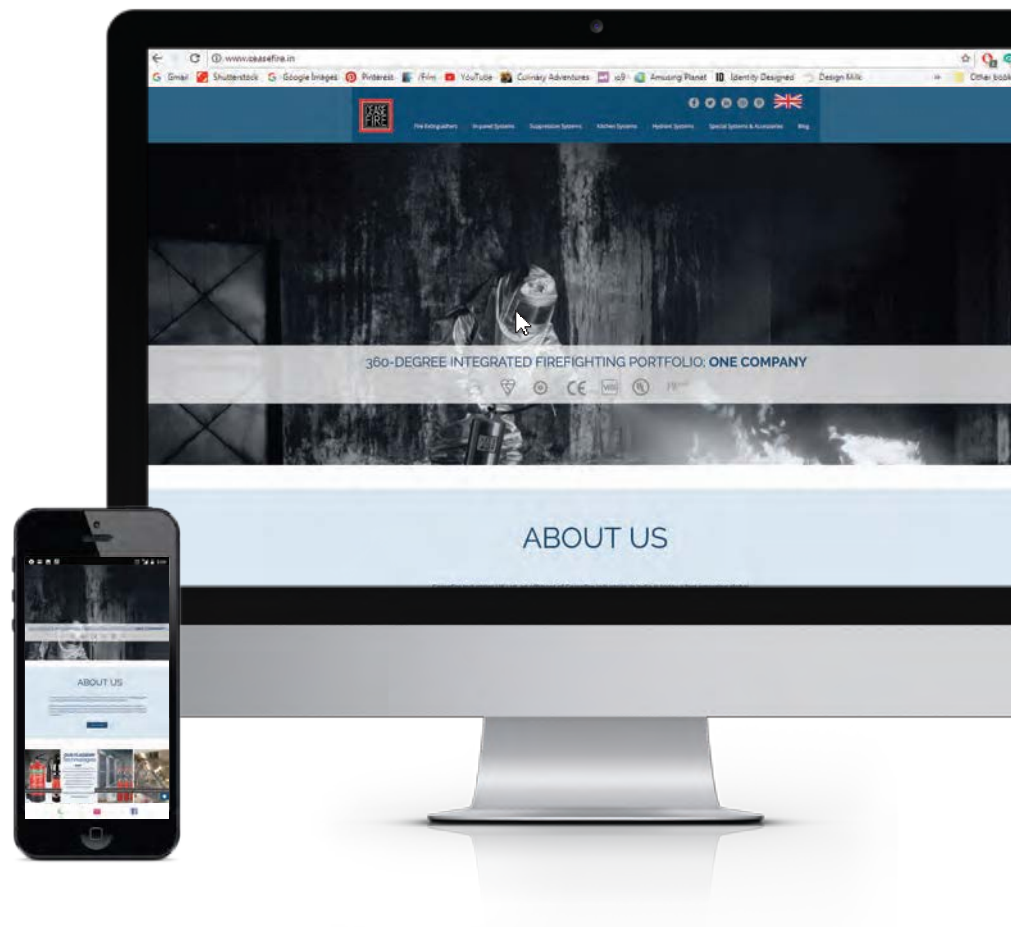


Live Webinars:

These Webinars are an effective tool at the disposal of the Business partner to market the Ceasefire technologies to their customers, in addition to using these as a self-learning and doubt clearing sessions.



Ceasefire E Proposal Utility: Our Business associates get access to their exclusive login page on the Ceasefire Customer Relations Portal (CCRM), which acts as the single dashboard window to access every resource available for them in the company. The module allow the users to create most appealing and customized proposal documents at the click of a button. The portal is a repository of standard proposal templates as well as elaborate Digital Library that hosts a variety of documents like Data Sheets, Certificates, Videos, Product Brochures and lot more.



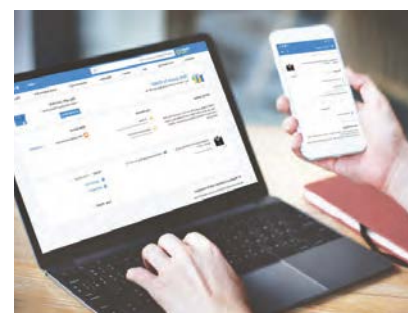
The Ceasefire partner support does not end at providing technical and product support. We go an extra mile to give marketing and logistic support to our partners to ensure its a winning game for them.



Marketing Collaterals + EMailer Module:

The CCRM login page gives business associates access to a whole host of marketing collaterals like brochures, print ads, social media/digital ads, BTL collaterals and more.

Apart from the support on marketing collaterals, the system also enables the business partner to automate email marketing, SMS and Whatsapp marketing for themselves.



Order Tracking & Logistics:

The CCRM Login also provides a very smart dashboard view to Ceasefire Business Associates to be able to track all-important events, activities & their progress. This includes the status of their orders, payments, dispatch, transit, billing and much more.

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WORLD SERIES

CORE RANGE OF FIRE EXTINGUISHERS





HOME AND CAR FIRE EXTINGUISHERS RANGE

6 minutes. That's all the time you have before a fire gets out of control. That's the same amount of time you have to detect the fire, rush your family to safety and fight the fire.

Packed with modern utilities for a comfortable lifestyle, homes today have become extremely prone to fire. A spark in the electrical panel, a short circuit in the air conditioner or heater, an open flame, a carelessly tossed matchstick, an unattended stove, a gas leak; these dangers lurk around the walls of our homes at all times. While the fire services are available for help in a

fire emergency, the reality is that given the way our traffic conditions are today, chances are help won't arrive on time.

Depending on external help to protect the lives of your loved ones, and save what took you a lifetime to build, is dangerous. That's where Ceasefire's Home and Car Fire Extinguishers come in.



FIGHTS CLASS

A B C ⚡

STANDARDS

EN3 PED

CERTIFICATIONS



CE 1128

CERTIFYING BODY

bre





DESIGNER RANGE

Sizes available: 500g and 1 Kg
Available in MAP 50 and MAP 90 Variants.



FEATURES:



Aesthetically Pleasing



Simplicity in Handling



Discharge Mechanism



World Class Quality



Works on Class A, B, C & ⚡ fire



Highly Effective



Quality Control



THE ART RANGE

The picture of your parents on the side table. The souvenir from your last vacation. The sofa set you spent hours choosing. We know the time you've spent and the effort you've made to make your house a home, which is why we created masterpieces that complement it, while protecting it.

Designed to match the aesthetics of your home, so that it's not tucked out of sight in a fire situation, Ceasefire's Designer range of extinguishers are art installations of fine stainless steel and ink, crafted to meet international standards and designed to exceed them. Making these extinguishers true works of art. Art that save property and lives.





THE ART RANGE VARIANTS



Ceasefire Elasticity



Ceasefire Hexalight



Ceasefire Kiterunner



Ceasefire Waves

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. MAP 90 500Gms MS SP Red Texture	Fire Ext. MAP 90 500Gms MS SP Ivory Texture	Fire Ext. MAP 90 500Gms MS SP Blue Texture	Fire Ext. MAP 90 500Gms MS SP Silver Texture	Fire Ext. MAP 90 500Gms MS SP Hexalight	Fire Ext. MAP 90 500Gms MS SP Kiterunner	Fire Ext. MAP 50 1Kg MS SP Red (Squeeze Grip)	Fire Ext. MAP 50 1Kg MS SP Red (Gun Housing)
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 50	ABC Powder MAP 50
Agent Category	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder
Product Code	CF-000224	CF-000223	CF-000222	CF-000225	CF-000946	CF-000947	CF-000803	CF-000730
Certification Type	PED	PED	PED	PED	PED	PED	EN-3, PED	EN-3, PED
LPCB	No	No	No	No	No	No	Yes	Yes
Kitemark	No	No	No	No	No	No	Yes	Yes
PED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MED	No	No	No	No	No	No	Yes	Yes
Gross Weight	Approx. 1.45 kg	Approx. 1.45 kg	Approx. 1.45 kg	Approx. 1.45 kg	Approx. 1.45 kg	Approx. 1.45 kg	2.20 to 2.30 kg	2.20 to 2.30 kg
Net Mass	0.475 to 0.525 kg	0.475 to 0.525 kg	0.475 to 0.525 kg	0.475 to 0.525 kg	0.475 to 0.525 kg	0.475 to 0.525 kg	0.95 to 1.05 kg	0.95 to 1.05 kg
Approx. Height Of Fire Ext.	265 mm	265 mm	265 mm	265 mm	265 mm	265 mm	325 mm	325 mm
Discharge Mechanism	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Squeeze Grip	Thumb Triggered
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
EN 3 Ratings Class A Fire	N/A	N/A	N/A	N/A	N/A	N/A	5A	5A
EN 3 Ratings Class B Fire	N/A	N/A	N/A	N/A	N/A	N/A	34B	34B
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	N/A	N/A	N/A	N/A	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder Coated & Laminated	Epoxy Polyester Powder Coated & Laminated	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5	5	5
G.A. Drawing Number	CF/SP.65/ GA/04	CF/SP.65/ GA/04	CF/SP.65/ GA/04	CF/SP.65 GA/04	CF/SP.65/ GA/04	CF/SP.65/ GA/04	CF/SP-1LB- EXP50/GA/05	CF/SP-1LB- 50/GA/05
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	74.5 mm	74.5 mm	74.5 mm	74.5 mm	74.5 mm	74.5 mm	86.5 mm	86.5 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Body Thickness	1.2 mm	1.2 mm	1.2 mm	1.2 mm	1.2 mm	1.2 mm	1.6 mm	1.6 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.



TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. MAP 90 1Kg MS SP Red (Gun Housing)	Fire Ext. MAP 90 1Kg Red Texture	Fire Ext. MAP 90 1Kg Ivory Texture	Fire Ext. MAP 90 1Kg Blue Texture	Fire Ext. MAP 90 1Kg Silver Texture	Fire Ext. MAP 90 1Kg MS SP Waves	Fire Ext. MAP 90 1Kg MS SP Elasticity
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90
Agent Category	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder
Product Code	CF-000721	CF-001185	CF-001105	CF-001106	CF-001107	CF-000951	CF-000954
Certification Type	EN-3, PED	PED	PED	PED	PED	PED	PED
LPCB	Yes	No	No	No	No	No	No
Kitemark	Yes	No	No	No	No	No	No
PED	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MED	Yes	No	No	No	No	No	No
Gross Weight	2.20 to 2.30 kg	2.20 to 2.30 kg	2.20 to 2.30 kg	2.20 to 2.30 kg	2.20 to 2.30 kg	2.20 to 2.30 kg	2.20 to 2.30 kg
Net Mass	0.95 to 1.05 kg	0.95 to 1.05 kg	0.95 to 1.05 kg	0.95 to 1.05 kg	0.95 to 1.05 kg	0.95 to 1.05 kg	0.95 to 1.05 kg
Approx. Height Of Fire Ext.	325 mm	325 mm	325 mm	325 mm	325 mm	325 mm	325 mm
Discharge Mechanism	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered	Thumb Triggered
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
EN 3 Ratings Class A Fire	5A	5A	5A	5A	5A	5A	5A
EN 3 Ratings Class B Fire	21B	21B	21B	21B	21B	21B	21B
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	N/A	N/A	N/A	N/A	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder Coated & Laminated	Epoxy Polyester Powder Coated & Laminated
Helium Leak Detection Testing	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5	5
G.A. Drawing Number	CF/SP-1LB-90/GA/05	CF/SP-1/GA/05	CF/SP-1/GA/05	CF/SP-1/GA/05	CF/SP-1/GA/05	CF/SP-1LB-50/GA/05	CF/SP-1LB-50/GA/05
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	86.5 mm	86.5 mm	86.5 mm	86.5 mm	86.5 mm	86.5 mm	86.5 mm
Operating Temperature	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Body Thickness	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 mm	1.6 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.

ABC POWDER BASED PORTABLE EXTINGUISHERS

6 minutes. That's all the time a spark takes to grow into a raging fire and get out of control. That's also all the time you get to fight the flames and stop the fire from spreading.

Ceasefire's ABC extinguishers are built for speed, power and reliability when it comes to fighting Class A, B, C and electrically started fires. A simple two-step activation mechanism allows you to fight the fire within seconds. The very best Mono Ammonium Phosphate maximises the firefighting power available to you. And stringent quality control and multiple point testing systems ensure that these extinguishers will deliver.



FIGHTS CLASS

A B C ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:



FEATURES:

	90% MAP - highest in the industry	
	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Deep drawn and CO ₂ MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. MAP 50 2Kg MS SP Red (Gun Housing)	Fire Ext. MAP 50 2Kg MS SP Red (Squeeze Grip)	Fire Ext. MAP 50 4Kg MS SP Red	Fire Ext. MAP 50 6Kg MS SP Red	Fire Ext. MAP 50 9Kg MS SP Red	Fire Ext. MAP 50 12Kg MS SP Red	Fire Ext. MAP 50 6Kg SS SP Chrome	Fire Ext. MAP 50 9Kg SS SP Chrome	Fire Ext. MAP 90 2Kg MS SP Red (Gun Housing)	Fire Ext. MAP 90 4Kg MS SP Red	Fire Ext. MAP 90 6Kg MS SP Red	Fire Ext. MAP 90 9Kg MS SP Red	Fire Ext. MAP 90 12Kg MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90
Agent Category	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder	ABC Powder
Product Code	CF-000731	CF-000804	CF-000732	CF-000733	CF-000734	CF-000735	CF-000990	CF-000991	CF-000722	CF-000723	CF-000724	CF-000725	CF-000726
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	PED	PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No
Kitemark	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No
PED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MED	Yes	Yes	No	Yes	Yes	No	No	No	Yes	No	Yes	Yes	No
Gross Weight	3.54 to 3.66 kg	3.54 to 3.66 kg	6.71 to 6.87 kg	9.12 to 9.36 kg	14.54 to 14.90 kg	APPROX. 19.90 kg	APPROX. 9.60 kg	APPROX. 14.70 kg	3.54 to 3.66 kg	6.71 to 6.87 kg	9.12 to 9.36 kg	14.54 to 14.90 kg	APPROX. 19.90 kg
Net Mass	1.94 to 2.06 kg	1.94 to 2.06 kg	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg	11.76 to 12.24 kg	5.88 to 6.12 kg	8.82 to 9.18 kg	1.94 to 2.06 kg	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg	11.76 to 12.24 kg
Approx. Height Of Fire Ext.	345 mm	370 mm	440 mm	485 mm	615 mm	665 mm	485 mm	615 mm	345 mm	440 mm	485 mm	615 mm	665 mm
Discharge Mechanism	Thumb Triggered	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
EN 3 Ratings Class A Fire	8A	8A	21A	27A	43A	55A	27A	43A	13A	21A	27A	43A	55A
EN 3 Ratings Class B Fire	70B	70B	144B	183B	233B	233B	183B	233B	55B	144B	183B	233B	233B
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	N/A	N/A	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Chrome Finish	Chrome Finish	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	No	No	No	No	No	No	No	No	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5	5	5	5	5	5	5	5
G.A. Drawing Number	CF/SP-2LB- 50/GA/03	CF/SP-2LB- EXP50/GA/02	CF/SP-4LB- 50/GA/03	CF/SP-6LB- 50/GA/03	CF/SP-9LB- 50/GA/03	CF/SP-12- 90/GA/03	N/A	N/A	CF/SP- 2LB/GA/03	CF/SP- 4LB/GA/03	CF/SP- 6LB/GA/03	CF/SP- 9LB/GA/03	CF/SP-12- 90/GA/03
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	108.0 mm	108.0 mm	140.0 mm	160.0 mm	175.0 mm	204.0 mm	N/A	N/A	108.0 mm	140.0 mm	160.0 mm	175.0 mm	204.0 mm
Operating Temperature	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +55° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +55° C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar	N/A	N/A	35Bar	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	N/A	N/A	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Body Thickness	1.6 mm	1.6 mm	1.6 mm	1.6 mm	2.0 mm	2.0 mm	N/A	N/A	1.6 mm	1.6 mm	1.6 mm	2.0 mm	2.0 mm

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ABC POWDER BASED WHEELED EXTINGUISHERS



FIGHTS CLASS

A B C ⚡

STANDARDS

EN1866 PED MED

CERTIFICATIONS



CE 1128



CERTIFYING BODY

bre bsi.





SIZES AVAILABLE:

25 Kg
Store Pressure



50 Kg
Store Pressure



100 Kg
Store Pressure



FEATURES:

	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A, B, C & ⚡ fire	
	Deep drawn and CO ₂ MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Wheeled Fire Extinguisher	Fire Ex. MAP 50 25Kg MS SP Red	Fire Ext. MAP 50 50Kg MS SP Red	Fire Ext. MAP 50 100Kg MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure
Agent	ABC Powder MAP 50	ABC Powder MAP 50	ABC Powder MAP 50
Certification Body	LPCB & PED	LPCB & PED	LPCB & PED
Product Code	CF-000808	CF-000809	CF-000810
Certification Type	EN1866, PED	EN1866, PED	EN1866, PED
LPCB	Yes	Yes	Yes
Kitemark	Yes	Yes	No
PED	Yes	Yes	Yes
MED	Yes	Yes	Yes
Gross Weight	62.00 to 64.00 Kg	110.00 to 113.00 Kg	Approx. 178.50 Kg
Net Contents	24.50 to 25.50 Kg	49.00 to 51.00 Kg	98.00 to 102.00 Kg
Approx. Height Of Fire Ext.	990 mm	1200 mm	Approx. 1495 mm
Discharge Mechanism	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
EN 1866 Ratings Class A Fire	A	A	A
EN 1866 Ratings Class B Fire	IVB	IVB	IVB
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	N/A
External Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Warranty In Years	5	5	5
G.A. Drawing Number	CF/SP-25LB-C50/GA/03	CF/SP-50LB-C50/GA/03	CF/SP-100-C50/GA/03
Working Pressure	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	300.0 mm	400.0 mm	400 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	30Bar	30Bar	30Bar
Cylinder Material Spec.	SteelCR2(DC01)	Steel HR3(DD13)	Steel HR3(DD13)
Body Thickness	3.0 mm	3.5 mm	3.5 mm

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APPLICATION AREAS:



Offices



Factories



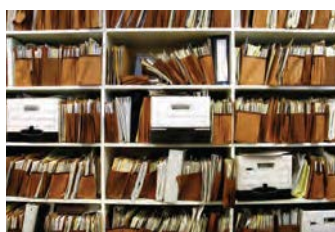
Schools



Hospitals



Petrol Pumps



Libraries



Basement parking



Banquet halls

CO₂ BASED EXTINGUISHERS

Flammable liquids such as petrol and oil (Class B), and flammable gases like natural gas (Class C) require large amounts of oxygen and heat to fuel them. With access to both these, fires can grow and spread rapidly, devouring everything in their path.

Ceasefire's range of CO₂ extinguishers are very effective in putting out larger fires. Being sturdier and lighter, these extinguishers save the time involved in carrying the extinguisher to the fire.

Packed with tremendous power, Ceasefire's CO₂ extinguishers reduce the oxygen supply, and bring the temperature down drastically, stopping the fire in seconds.

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

Ceasefire's CO₂ extinguishers are available in both portable (CO₂ Aluminium type extinguishers) and trolley-mounted (CO₂ Squeeze Grip type extinguishers) variants.



FIGHTS CLASS

B C ⚡

STANDARDS

EN3/1866 PED MED

CERTIFICATIONS



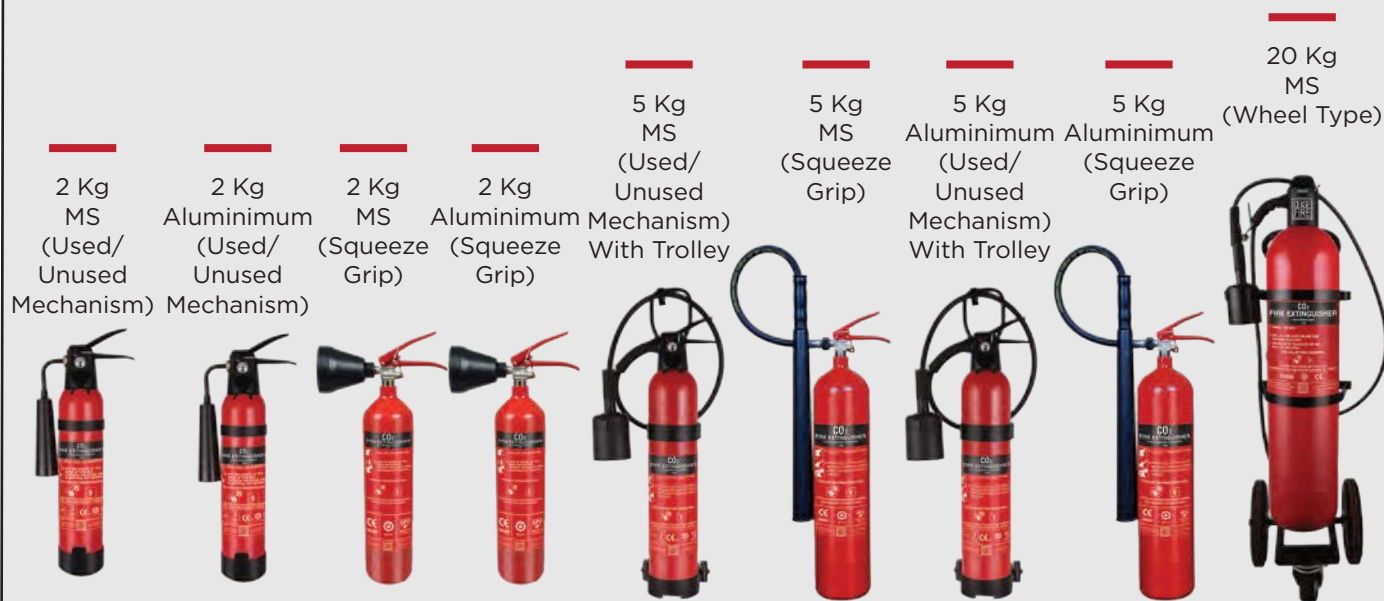
CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:

MS: Mild Steel



FEATURES:

	Highly Effective	
	State-of-the-art ready/used indicator	
	Electronics friendly	
	Controllable discharge mechanism	
	Works on Class B, C & fire	
	Hot spinning process	
	Forging and machining valve construction	
	Epoxy polyester powder/ Chrome finish external coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. CO ₂ 2KG Aluminium With Squeeze Grip	Fire Ext. CO ₂ 2KG Aluminium With Used/Unused Mechanism	Fire Ext. CO ₂ 5KG Aluminium With Squeeze Grip	Fire Ext. CO ₂ 5KG Aluminium With Trolley Used/Unused Mechanism	Fire Ext. CO ₂ 2KG MS With Squeeze Grip	Fire Ext. CO ₂ 2KG MS With Used/Unused Mechanism	Fire Ext. CO ₂ 5KG MS With Trolley Used/Unused Mechanism	Fire Ext. CO ₂ 5KG MS With Squeeze Grip	Fire Ext. CO ₂ 20KG MS Wheel Type SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂
Certification Body	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	LPCB & PED
Agent Category	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂	CO ₂
Product Code	TI-002391	CF-000700	TI-002392	CF-000701	TI-002393	CF-000702	CF-000703	TI-002394	CF-000740
Certification Type	EN3	EN-3, PED	EN3	EN-3, PED	EN3	EN-3, PED	EN-3, PED	EN-3	EN1866, PED
LPCB	No	Yes	No	Yes	No	Yes	Yes	No	No
Kitemark	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
PED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MED	No	Yes	No	Yes	No	Yes	Yes	No	No
Gross Weight	7 kg	6.40 to 6.60 kg	13 kg	Approx. 12.122 kg	7.1 kg	8.70 to 8.90 kg	Approx. 16.707 kg	14.5 kg	Approx. 81.00 kg
Net Mass	5.35 kg	1.90 to 2.00 kg	12.55 kg	Approx. 5kg	6.38 kg	1.90 to 2.00 kg	Approx. 5kg	13.84 kg	19.00 to 20.00 kg
Approx. Height Of Fire Ext.	560 mm	605 mm	710 mm	N/A	530 mm	610mm	N/A	690 mm	Approx. 1360mm
Discharge Mechanism	-	Squeeze Grip	-	Squeeze Grip	-	Squeeze Grip	Squeeze Grip	-	Wheel Type
Applicable On Fires	B	B, C & Electrical Started Fire	B	B, C & Electrical Started Fire	B	B, C & Electrical Started Fire	B, C & Electrical Started Fire	B	B & Electrical Started Fire
EN 3 Ratings Class B Fire	34B	34B	89B	70B	34B	34B	70B	89B	113B
Can Construction	N/A	Cold Impact Extrusion	N/A	Cold Impact Extrusion	N/A	Hot Spinning Process	Hot Spinning Process	N/A	Hot Spinning Process
Valve / Cap Construction	N/A	Forging And Machining	N/A	Forging And Machining	N/A	Forging And Machining	Forging And Machining	N/A	Forging And Machining
External Coating	-	Epoxy Polyester Powder	-	Epoxy Polyester Powder	-	Epoxy Polyester Powder	Epoxy Polyester Powder	-	Epoxy Polyester Powder
Warranty In Years	5	5	5	5	5	5	5	5	5
G.A. Drawing Number	N/A	CF/CO2-2LB-SG-AL/GA/02	N/A	N/A	N/A	CF/CO2-2LB-SG-MS/GA/02	N/A	N/A	CF/CO2-20/GA/02
Working Pressure	-	70Bar	-	70Bar	-	70Bar	70Bar	-	70Bar
Dia. Of Shell (OD)	111 mm	108.0 mm	152 mm	152 mm	105 mm	108.0 mm	140 mm	137 mm	232 mm
Operating Temperature	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C	-30° C to +60° C
Hydrostatic Test Pressure	250Bar	250Bar	250Bar	250Bar	315Bar	250Bar	250Bar	315Bar	250Bar
Cylinder Material Spec.	Aluminum 6601	Al Alloy 6061	Aluminum 6601	Al Alloy 6061	34CrMo4	37Mn	37Mn/37CrMo4	34CrMo4	37Mn/34CrMo4
Body Thickness	5.20 mm	6.0 mm	7.06 mm	8.7 mm	2.50 mm	3.5 mm	8.7 mm	3.30 mm	5.4 mm

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APPLICATION AREAS:



Bank



ATMs



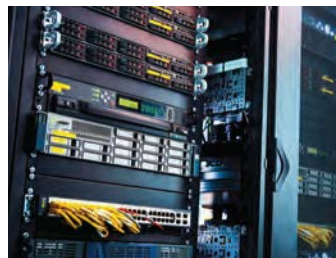
Call Centres



Telecom companies



Computers



Servers



Automobile sector



Oil sector

WATER BASED PORTABLE EXTINGUISHERS

Fires in solid objects such as wood can turn fatal in no time. That's because such fires are hidden deep within the objects, constantly increasing the temperature of the fire. It's also extremely difficult to detect these fires. This delay can cause the surrounding material to spontaneously catch fire because of high temperatures. In such situations, water is the only way out.

Ceasefire's Water extinguishers use the proprietary stored pressure technology, delivering a high power throw of water. This makes them more effective on fires and allows the firefighter to stay at 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.



FIGHTS CLASS	STANDARDS	CERTIFICATIONS	CERTIFYING BODY
A	EN3 PED MED	   	bre bsi. 



SIZES AVAILABLE:

SS: Stainless Steel | MS: Mild Steel

6 ltr
Water (MS)



6 ltr
Water (SS)
Chrome Finish



9 ltr
Water (MS)



9 ltr
Water (SS)
Chrome Finish



FEATURES:

	EPDM rubber hosepipe	
	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A fire	
	Seamed MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder/ Chrome finish external coating	
	Epoxy powder internal coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Water 6L MS SP Red	Fire Ext. Water 9L MS SP Red	Fire Ext. Water 6L SS SP Chrome	Fire Ext. Water 9L SS SP Chrome
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Water	Water	Water	Water
Agent Category	Water	Water	Water	Water
Product Code	CF-000798	CF-000799	CF-000988	CF-000989
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	No	No
Kitemark	Yes	No	No	No
PED	Yes	Yes	Yes	Yes
MED	Yes	No	No	No
Gross Weight	9.50 to 10.10 kg	14.15 to 14.85 kg	Approx. 9.60 kg	Approx. 13.40 kg
Net Mass	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr
Approx. Height Of Fire Ext.	520 mm	615 mm	520 mm	610 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A	A	A	A
EN 3 Ratings Class A Fire	13A	21A	13A	21A
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	No	No
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Chrome Finish	Chrome Finish
Helium Leak Detection Testing	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP- W6LB/GA/01	CF/SP- W9LB/GA/02	N/A	N/A
Working Pressure	10Bar		N/A	N/A
Dia. Of Shell (OD)	160 mm	175 mm	N/A	N/A
Operating Temperature	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar	N/A	N/A
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	N/A	N/A
Body Thickness	1.6 mm	1.6 mm	N/A	N/A

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APPLICATION AREAS:



Warehouses



Furniture store



Transportation factories



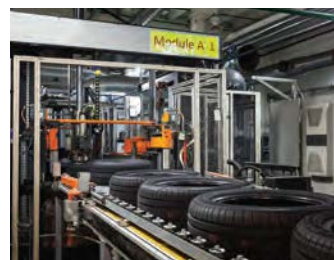
Dry fruit stores



Grocery shops



PVC plastic industries



Tyre Factories



Godowns

WATER BASED WHEELED EXTINGUISHERS



FIGHTS CLASS

A

STANDARDS

EN1866 PED MED

CERTIFICATIONS



CE 1128



CERTIFYING BODY

bre
















SIZES AVAILABLE:

SS: Stainless Steel | MS: Mild Steel



FEATURES:

	EPDM rubber hosepipe	
	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A fire	
	Seamed MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating (only on MS type)	

TECHNICAL SPECIFICATIONS:

Nomenclature For Wheeled Fire Extinguisher	Fire Ext. Water 50L SS SP Red	Fire Ext. Water 100L SS SP Red	Fire Ext. Water 50L MS SP Red	Fire Ext. Water 100L MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Water	Water	Water	Water
Certification Body	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED
Product Code	CF-000755	CF-000886	CF-001031	CF-001033
Certification Type	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED
LPCB	Yes	Yes	Yes	Yes
Kitemark	No	No	No	No
PED	Yes	Yes	Yes	Yes
MED	No	No	Yes	No
Propellant Cartridge Capacity	N/A	N/A	N/A	450 gm
Gross Weight	Approx. 91.50 Kg	Approx. 158.20 Kg	Approx. 102.50 Kg	Approx. 178.50 Kg
Net Contents	47.50 to 50L	95.00 to 100.00L	47.50 to 50L	95.0 to 100.0L
Approx. Height Of Fire Ext.	Approx. 1510 mm	Approx. 1520 mm	Approx. 1510 mm	Approx. 1520 mm
Discharge Mechanism	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)
Applicable On Fires	A	A	A	A
EN 1866 Ratings Class A Fire	A	A	A	A
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	N/A	N/A	N/A	N/A
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP-W50-SS/GA/02	CF/SP-W100-SS/GA/02	CF/SP-W50-MS/GA/02	CF/SP-W100-MS/GA/02
Working Pressure	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	300.0 mm	400.0 mm	300.0 mm	400.0 mm
Operating Temperature	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C
Hydrostatic Test Pressure	30Bar	30Bar	30Bar	30Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)	Steel CR2(DC01)	Steel HR3(DD13)
Body Thickness	1.8 mm	2.0 mm	3.0 mm	3.5 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.



APPLICATION AREAS:



Warehouses



Furniture store



Transportation factories



Dry fruit stores



Grocery shops



PVC plastic industries



Tyre Factories



Godowns

FOAM BASED PORTABLE EXTINGUISHERS

Basic science proves fire needs oxygen to grow. Without oxygen, even the largest fires will die out in minutes.

Ceasefire's Foam-based Extinguishers exploit this weakness by creating a chemical foam that blankets the flames and cuts off the oxygen supply. Its squeeze grip mechanism makes it faster and easier to use. The proprietary stored pressure technology also delivers high power

throw, making these extinguishers extremely effective. While they are effective against Class A and B fires, they are ideal for use on burning liquids like oil and petrol.



FIGHTS CLASS

A B

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.





SIZES AVAILABLE:

SS: Stainless Steel | MS: Mild Steel



FEATURES:

	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A and B fires	
	Seamed MIG welded can construction	
	SS forged ball valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating (only on MS type)	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Foam 3L SS SP Red	Fire Ext. Foam 3L MS SP Red	Fire Ext. Foam 6L MS SP Red	Fire Ext. Foam 9L MS SP Red	Fire Ext. Foam 6L SS SP Chrome	Fire Ext. Foam 9L SS SP Chrome
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6
Agent Category	AFFF Foam	AFFF Foam	AFFF Foam	AFFF Foam	AFFF Foam	AFFF Foam
Product Code	CF-000779	CF-000805	CF-000806	CF-000807	CF-000986	CF-000987
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes	No	No
Kitemark	Yes	Yes	Yes	Yes	No	No
PED	Yes	Yes	Yes	Yes	Yes	Yes
MED	No	No	Yes	Yes	No	No
Gross Weight	Approx. 5.70 kg	Approx. 5.75 kg	9.40 to 9.73 kg	14.70 to 15.15 kg	Approx. 9.60 kg	Approx.13.50 kg
Net Mass	2.85 to 3.00 Ltr	2.85 to 3.00 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr
Approx. Height Of Fire Ext.	435 mm	440 mm	520 mm	615 mm	515 mm	610 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A & B	A & B	A & B	A & B	A & B	A & B
EN 3 Ratings Class A Fire	8A	8A	13A	21A	13A	21A
EN 3 Ratings Class B Fire	89B	89B	144B	233B	144B	233B
Can Construction	Drawn Rolled And MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Chrome Finish	Chrome Finish
Helium Leak Detection Testing	Yes	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5
G.A. Drawing Number	CF/SP-F3-SS/GA/01	CF/SP-F3/GA/02	CF/SP-F6LB/GA/01	CF/SP-F9LB/GA/02	N/A	N/A
Working Pressure	15Bar	15Bar	15Bar	15Bar	N/A	N/A
Dia. Of Shell (OD)	140.0 mm	140.0 mm	160 mm	175 mm	N/A	N/A
Operating Temperature	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	N/A	N/A
Cylinder Material Spec.	SS 304 (1.4301)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	N/A	N/A
Body Thickness	1.5 mm	1.6 mm	1.6 mm	2.0 mm	N/A	N/A

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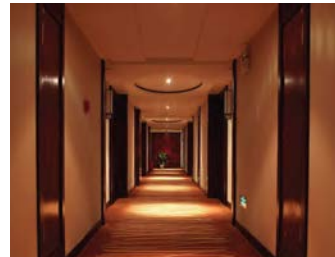
APPLICATION AREAS:



Garment Stores and
Warehouses



Hospitals



Hotels



Schools

FOAM BASED WHEELED EXTINGUISHERS



FIGHTS CLASS

A B

STANDARDS

EN1866 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:

SS: Stainless Steel | MS: Mild Steel

50 ltr
Stored
Pressure
(SS)50 ltr
Stored
Pressure
(MS)100 ltr
Stored
Pressure
(SS)100 ltr
Stored
Pressure
(MS)

FEATURES:

	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A and B fires	
	Seamed MIG welded can construction	
	SS forged ball valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating (only on MS type)	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Foam 50L SS SP Red	Fire Ext. Foam 100L SS SP Red	Fire Ext. Foam 50L MS SP Red	Fire Ext. Foam 100L MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6	6% of KV Foam 3% C-6
Certification Body	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED
Product Code	CF-000753	CF-001020	CF-001018	CF-001021
Certification Type	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED
LPCB	Yes	N/A	Yes	Yes
Kitemark	No	Yes	No	No
PED	Yes	Yes	Yes	Yes
MED	No	No	Yes	Yes
Propellant Cartridge Capacity	N/A	350 GM	N/A	N/A
Net Contents	47.50 to 50.00L	Approx. 100L	47.50 to 50.00L	95.00 to 100.00 Ltr
Applicable On Fires	A & B Fire	A & B Fire	A & B Fire	A & B Fire
EN 1866 Fire Ratings Class A	A	21A	A	A
EN 1866 Fire Ratings Class B	IVB	IVB	IVB	IVB
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP- F50-SS/GA/02	N/A	CF/SP- F50-MS/GA/02	CF/SP- F100-MS/GA/02
Working Pressure	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	300.0 mm	400 mm	300.0 mm	400 mm
Operating Temperature	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C
Hydrostatic Test Pressure	30Bar	30Bar	30Bar	30Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)	Steel CR2 (DC01)	Steel HR3 (DD13)
Body Thickness	1.8 mm	2.0 mm	3.0 mm	3.5 mm

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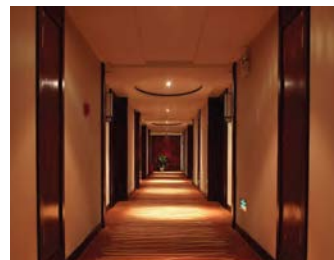
APPLICATION AREAS:



Garment Stores and
Warehouses



Hospitals



Hotels



Schools



Restaurants and
Food Supply Chain



Heritage Buildings



WORLD SERIES

SPECIAL APPLICATION FIRE EXTINGUISHERS





CLEAN AGENT BASED PORTABLE EXTINGUISHERS

Research shows that short circuits in the electrical mains or in sensitive electronic equipment such as computers and television sets are the most common causes of fire in homes and offices. Powder-based extinguishers can certainly defeat these fires, but they cause serious collateral damage.

That's where Ceasefire's Clean Agent Extinguishers come in. Ceasefire's cutting edge HFC236fa Clean Agent extinguishers are built to not only put out fires, but save sensitive

electronic equipment too. Powered by one of the cleanest, most powerful extinguishing agents on the planet, these extinguishers are extremely lightweight, yet boast immense throw that penetrates even the finest mesh. Rumour has it, it's the same extinguishing agent used at the NASA headquarters.



FIGHTS CLASS

A B C ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:



FEATURES:

	Leaves no residue	
	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class A, B, C & ⚡ fire	
	Deep drawn and CO ₂ MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder external coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. HFC236fa 2Kg MS SP Red	Fire Ext. HFC236fa 4Kg MS SP Red	Fire Ext. HFC236fa 6Kg MS SP Red	Fire Ext. HFC236fa 9Kg MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	HFC-236fa	HFC-236fa	HFC-236fa	HFC-236fa
Agent Category	Clean Agent	Clean Agent	Clean Agent	Clean Agent
Product Code	CF-000705	CF-000706	CF-000707	CF-000708
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes
MED	No	No	No	Yes
Gross Weight	3.54 to 3.66 kg	6.50 to 6.86 kg	8.76 to 9.36 kg	Approx. 14.70 kg
Net Mass	1.90 to 2.00 kg	3.80 to 4.00 kg	5.70 to 6.00 kg	8.55 to 9.00 kg
Approx. Height Of Fire Ext.	345 mm	440 mm	485 mm	615 mm
Discharge Mechanism	Thumb Triggered	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	B & Electrical Started Fire
EN 3 Ratings Class B Fire	21B	34B	34B	55B
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP-CA2LB- W/GA/03	CF/SP-CA4LB- W/GA/03	CF/SP-CA6LB- W/GA/03	CF/SP-CA9- W/GA/03
Working Pressure	10Bar	10Bar	10Bar	10Bar
Dia. Of Shell (OD)	108.0 mm	140.0 mm	160 mm	175.0 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Body Thickness	1.6 mm	1.6 mm	1.6 mm	2.0 mm

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APPLICATION AREAS:



Offices



Gym



Spa



Parlors



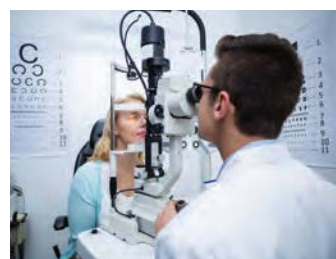
Theatres



Hospitals



Pathological Labs



Clinics

WET CHEMICAL BASED PORTABLE EXTINGUISHERS

There is no denying the fact that fire is central to cooking. Every day, restaurants, cafés, bakeries and commercial kitchens use it to create a myriad number of delicacies. However, the liberal use of fire, and the presence of combustible substances like oil, make it almost easy for an accident to flare up.

Ceasefire's Wet Chemical-based Fire Extinguishers are specially designed to fight oil and fat fires in kitchens. The extinguishing chemical is a foaming agent that is ideal to fight

Class A, B and F fires. It is also environmentally friendly as it's more than 99% biodegradable! When launched at a fire, the Wet Chemical extinguishing agent has a blanketing effect on the flames, cutting down the supply of oxygen and cooling down the oil to below self-ignition point.

Being a de-greasing substance, the extinguishing agent ensures that the kitchen can be cleaned easily post a fire.



FIGHTS CLASS

A F ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:

SS: Stainless Steel | MS: Mild Steel

3 ltr
(MS/SS)



6 ltr
(MS/SS)



9 ltr
(MS/SS)



FEATURES:



Highly Effective



Prevents re-ignition



Controllable discharge mechanism



Works on Class A, F & ⚡ fires



TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Wet Chemical 3L MS SP Red	Fire Ext. Wet Chemical 6L MS SP Red	Fire Ext. Wet Chemical 9L MS SP Red	Fire Ext. Wet Chemical 3L SS SP Red	Fire Ext. Wet Chemical 6L SS SP Red	Fire Ext. Wet Chemical 9L SS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Class F Foam	Class F Foam	Class F Foam	Class F Foam	Class F Foam	Class F Foam
Agent Category	Wet Chemical	Wet Chemical	Wet Chemical	Wet Chemical	Wet Chemical	Wet Chemical
Product Code	CF-000800	CF-000801	CF-000802	CF-000780	CF-000719	CF-000720
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes	Yes	Yes
MED	No	No	No	Yes	Yes	Yes
Gross Weight	Approx. 7.20 kg	11.90 to 12.50 kg	17.75 to 18.65 kg	Approx. 7.20 kg	12.00 to 12.60 kg	17.15 to 18.05 kg
Net Mass	2.85 to 3.00 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr	2.85 to 3.00 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr
Approx. Height Of Fire Ext.	435 mm	520 mm	615 mm	435 mm	520 mm	610 mm
Discharge Mechanism	Squeez Grip	Squeez Grip	Squeez Grip	Squeez Grip	Squeez Grip	Squeez Grip
Applicable On Fires	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire
EN 3 Ratings Class A Fire	8A	13A	21A	8A	13A	21A
EN 3 Ratings Class B Fire	N/A	N/A	N/A	N/A	N/A	N/A
EN 3 Ratings Class F Fire	40F	75F	75F	40F	75F	75F
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5
G.A. Drawing Number	N/A	CF/SP- WCLB/GA/02	CF/SP- WC9LB/GA/02	N/A	CF/SP-WC6LB- SS/GA/01	CF/SP-WC9LB- SS/GA/01
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	140 mm	160.0 mm	175 mm	140 mm	160.0 mm	175 mm
Operating Temperature	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2 (DC01)	Steel CR2 (DC01)	Steel CR2 (DC01)	Steel CR2 (DC01)	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	1.6 mm	1.6 mm	2.0 mm	1.6 mm	1.5 mm	1.5 mm

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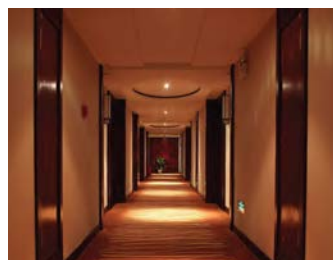
APPLICATION AREAS:



Garment Stores and
Warehouses



Hospitals



Hotels



Schools



Restaurants and
Food Supply Chain



Heritage Buildings

B PLUS SPECIAL APPLICATION (CLASS B)

Using the wrong extinguisher on the wrong class of fire can have fatal consequences. A water extinguisher used to put out an electrical fire, for instance, only helps spread the fire, and poses the added threat of electrocution. So what do you do when you are faced with a high risk of class B fires i.e. fires on inflammable liquids like petrol, deisel, etc.? You go for B+.

Ceasefire's B+ is so potent, it packs in all the force of a 16 kg extinguisher into a 4 kg body. That's 4 times the power! That's what makes it the perfect extinguisher choice for petrol pumps and petrochemical units. The Ceasefire B+ is ideal for Class B & C fires, involving petrol, alcohol, industrial chemicals and more. The reason for this is its unique powder which splits into four upon activation, covering a huge surface area.



FIGHTS CLASS

B C ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:



FEATURES:

	Highly Effective	
	State-of-the-art pressure gauge	
	Controllable discharge mechanism	
	Works on Class B, C & ⚡ fires	
	Deep drawn & CO ₂ MIG welded can construction	
	Forging and machining valve construction	
	Epoxy polyester powder external coating	
	Epoxy powder internal coating	

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. B+ 2Kg MS SP Red	Fire Ext. B+ 4Kg MS SP Red	Fire Ext. B+ 6Kg MS SP Red	Fire Ext B+ 9Kg MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	B Plus Powder	B Plus Powder	B Plus Powder	B Plus Powder
Agent Category	BC Powder	BC Powder	BC Powder	BC Powder
Product Code	CF-000736	CF-000737	CF-000738	CF-000739
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes
MED	No	No	Yes	Yes
Gross Weight	4.94 to 5.06 kg	7.40 to 7.70 kg	11.38 to 11.62 kg	15.10 to 15.50 kg
Net Mass	1.94 to 2.06 kg	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg
Approx. Height Of Fire Ext.	440 mm	485 mm	615 mm	615 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	B, C, & Electrical Started Fire	B, C, & Electrical Started Fire	B, C, & Electrical Started Fire	B, C, & Electrical Started Fire
EN 3 Ratings Class B Fire	89B	233B	233B	233B
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP-2BC-LB/GA/03	CF/SP-4BC-LB/GA/02	CF/SP-6-BC-LB/GA/04	CF/SP-9-BC-LB/GA/02
Working Pressure	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	140.0 mm	160.0 mm	175.0 mm	204.0 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	SteelCR2(DC01)	SteelCR2(DC01)	SteelCR2(DC01)	SteelCR2(DC01)
Body Thickness	1.6 mm	1.6 mm	2.0 mm	2.0 mm

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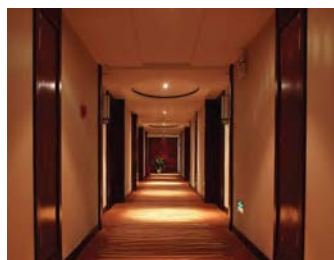
APPLICATION AREAS:



Garment Stores and
Warehouses



Hospitals



Hotels



Schools



Restaurants and
Food Supply Chain



Heritage Buildings

LAUNCHER (EXTINGUISHER = MODULAR SUPPRESSION SYSTEM)

No matter how state-of-the-art the firefighting equipment on the premises is, your intent is not on putting out the flames, but instead on putting enough distance between you and the danger.

While preventive measures are a necessity in any establishment, ensuring you have firefighting technology that can be initiated and continue to fight the fire even after the people on the scene have rushed to safety is what's essential. An extinguisher that can also automatically actuate when no one is around.

Presenting Launcher - The world's first extinguisher that works on auto-pilot and more.



FIGHTS CLASS

A B C ⚡

STANDARDS

PED

CERTIFICATIONS

CE₁₁₂₈

CERTIFYING BODY

EURO
CERT

INTRODUCING THE CEASEFIRE LAUNCHER



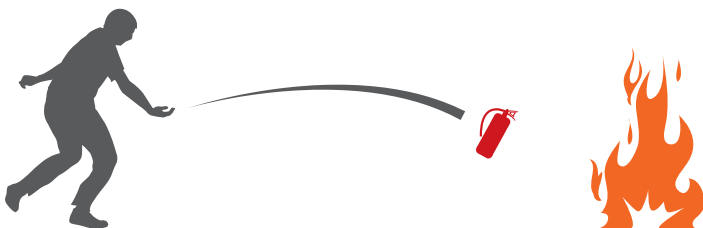
The world's first firefighter that's one, an extinguisher; two, takes over firefighting when the fire becomes too big to handle; and three, turns into a suppression system when no one is around. And it's ready for launch.

The Ceasefire Launcher is a futuristic product that takes firefighting to a level the world has yet to experience. Fire?

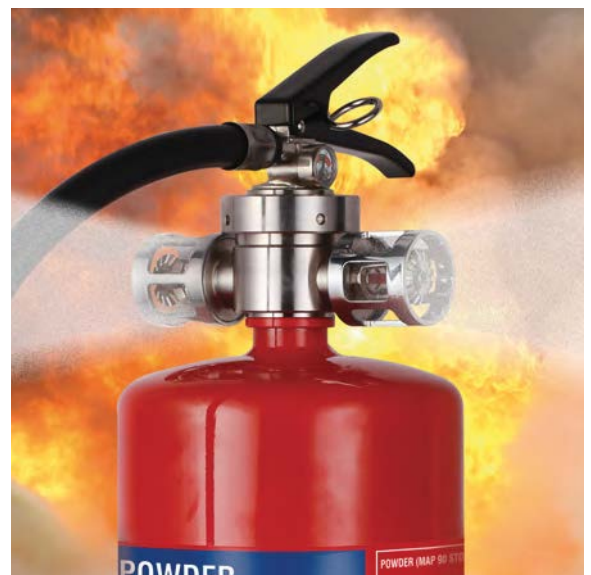
The extinguisher, powered with MAP 90, is made for firefighting. Just aim it at the flames and it's ready to go. No one around to detect the fire?

This one-of-a-kind extinguisher launches into a standalone, modular suppression system when it senses a rise in temperature over 68°C. Ensuring that no fire ever goes undetected and unaddressed.

The biggest pro of this revolutionary extinguisher is that it eliminates the need for the firefighter to go near the fire. This is a huge benefit, especially in the case of a large blaze. As for a con, we're still to find one.



In the event of a large fire, it allows the firefighter to launch the fire extinguisher in the direction of the flames and rush to safety, while the extinguisher automatically activates and extinguishes the flames.



HOW THE LAUNCHER WORKS

1 | The Launcher as a Fire Extinguisher:

Powered by MAP 90, the highest form of ABC powder used for firefighting. Designed to engage in seconds to battle the flames. Easy to carry, it allows you to get to the scene of the fire quickly and use it effectively. In its simplest form, the Launcher is a thorough firefighter. All you need to do is aim the extinguisher at the fire, and the Launcher takes care of the rest. But to underestimate the Launcher as a simple fire extinguisher is a mistake. It's more, much more.



2 | The Launcher as an Auto-Pilot System:

The Launcher is the first of its kind extinguisher in the world, armed with two heat sensors and two unique discharge nozzles that face in opposite directions. When rolled or launched at the fire, the heat sensors automatically sense the rise in temperature

and activate the extinguisher. Instantly, MAP 90 is released through the nozzles. Since the nozzles are placed opposite to one another, no matter which way the extinguisher is facing, the powder chemically interferes with the fire, blanketing and extinguish the flames.

The Launcher in action



3 | The Launcher as a Suppression System:

We understand that there may be times when no one is on the scene when a fire breaks out. Which means that there's no one there to launch the extinguisher in the direction of the flames. Pre-empting such situations, Ceasefire built the Launcher to be able to transform into

a standalone, modular suppression system when no one is around. The heat sensors on the Launcher detect a rise in temperature in the room and activate the system. Flooding the room with MAP 90 that causes a chemical interference with the fire, and brings it under control.

















SIZES AVAILABLE:



FEATURES

	Deep Drawn Body		90% MAP - highest in the industry
	Convenient Handle		State-of-the-art Pressure Gauge
	Unique Discharge Mechanism		Hydrastatic Pressure Testing and Helium Leak Detection Test
	Self-Actuation		EPDM Rubber Hosepipe
	Two Heat Sensors		Automatic Extinguisher cum Fire Suppression System
	Quick and Effective		Works on Class A, B, C & ⚡ fires

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Automatic Fire Ext. Launcher MAP 90 4Kg MS SP	Automatic Fire Ext. Launcher MAP 90 6Kg MS SP	Automatic Fire Ext. Launcher MAP 90 9Kg MS SP
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure
Agent	ABC Powder MAP 90	ABC Powder MAP 90	ABC Powder MAP 90
Agent Category	ABC Powder	ABC Powder	ABC Powder
Product Code	CF-000727	CF-000728	CF-000729
Certification Type	PED	PED	PED
PED	Yes	Yes	Yes
Gross Weight	Approx. 8.70 kg	Approx. 11.50 kg	Approx. 16.80 kg
Net Mass	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg
Approx. Height Of Fire Ext.	505 mm	545 mm	675 mm
Discharge Mechanism	Squeeze Grip / Automatic	Squeeze Grip / Automatic	Squeeze Grip / Automatic
Applicable On Fires	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire	A, B, C, & Electrical Started Fire
EN 3 Ratings Class A Fire	21A	27A	43A
EN 3 Ratings Class B Fire	144B	183B	233B
EN 3 Ratings Class C Fire	N/A	N/A	N/A
Can Construction	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded	Deep Drawn & MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes
Warranty In Years	5	5	5
G.A. Drawing Number	CF/SP-4L/GA/02	CF/SP-6L/GA/02	CF/SP-9L/GA/02
Working Pressure	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	140.0 mm	160.0 mm	175.0 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar
Cylinder Material Spec.	SteelCR2(DC01)	SteelCR2(DC01)	SteelCR2(DC01)
Body Thickness	1.6 mm	1.6 mm	2.0 mm

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**APPLICATION AREAS:**

Offices

Garment Showrooms
and Godowns

Schools



Hospital



Malls



Paint Factories

Factories and
Manufacturing Set-ups

Petrol Pumps



METAL FIRE EXTINGUISHERS

Magnesium, Potassium, Sodium, Titanium, Uranium and Calcium are among the most flammable metallic elements found on earth. In their dust or molten states, these metals ignite very easily. Once ablaze, these elements can reach temperatures of up to 5000°C within seconds. And industries that use these metals – aircraft, paint, explosive and steel manufacturing – are already at a high risk of fire.

Using the wrong extinguishing agent on a Class D fire may cause more damage than the fire itself.

But, with the Ceasefire Speciality Powder for Metals: TEC (SPM-TEC) and Pyro (SPM-PYRO), Ceasefire has effectively found a way to address your worries.

The Ceasefire SPM-TEC is an ideal combatant against Aluminium, Zinc, Sodium, Magnesium, Francium, Lithium, Potassium, Rubidium and Caesium. The Ceasefire SPM-PYRO is an ideal combatant against fires involving heavy metals, alkali metals and their alloys.

These are extinguishers so powerful, they stop metal fires. Dead in their tracks. Within minutes.



FIGHTS CLASS

D

STANDARDS

PED

CERTIFICATIONS

CE
1128

CERTIFYING BODY

**EURO
CERT**



SIZES AVAILABLE:



FEATURES:

	Deep drawn metal steel container	
	Controllable discharge mechanism	
	Highly Effective	
	5 Years Warranty	
		

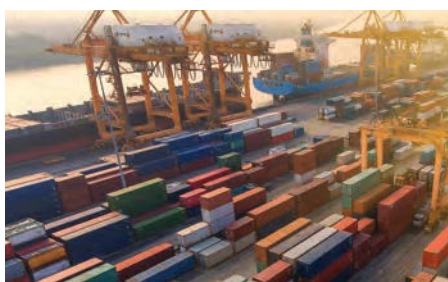
TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Metal Fire Ext. SPM TEC 4kg MS SP Red	Metal Fire Ext. SPM TEC 6kg MS SP Red	Metal Fire Ext. SPM TEC 9kg MS SP Red	Metal Fire Ext. SPM PYRO 4kg MS SP Red	Metal Fire Ext. SPM PYRO 6kg MS SP Red	Metal Fire Ext. SPM PYRO 9kg MS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	SPM TEC	SPM TEC	SPM TEC	SPM PYRO	SPM PYRO	SPM PYRO
Agent Category	Metal Powder	Metal Powder	Metal Powder	Metal Powder	Metal Powder	Metal Powder
Product Code	CF-000043	CF-000044	CF-000045	CF-000040	CF-000041	CF-000042
Certification Type	PED	PED	PED	PED	PED	PED
PED	Yes	Yes	Yes	Yes	Yes	Yes
Gross Weight	7.44 to 7.60 kg	9.86 to 10.09 kg	15.27 to 15.63 kg	7.44 to 7.60 kg	9.86 to 10.09 kg	15.27 to 15.63 kg
Net Mass	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg	3.92 to 4.08 kg	5.88 to 6.12 kg	8.82 to 9.18 kg
Approx. Height Of Fire Ext.	440 mm	485 mm	615 mm	440 mm	485 mm	615 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	D	D	D	D	D	D
Can Construction	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded	Deep Drawn And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating	Epoxy Powder Coating
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5	5	5
G.A. Drawing Number	CF/SP-4T/GA/02	CF/SP-6T/GA/02	CF/SP-9T/GA/02	CF/SP-4P/GA/02	CF/SP-6P/GA/02	CF/SP-9P/GA/02
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	140.0 mm	160.0 mm	175.0 mm	140.0 mm	160.0 mm	175.0 mm
Operating Temperature	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C	-30° C to +60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)	Steel CR2(DC01)
Body Thickness	1.6 mm	1.6 mm	2.0 mm	1.6 mm	1.6 mm	2.0 mm

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APPLICATION AREAS:



Ports



Batteries



Aerospace



Automobile and Engine
manufacturing



Atomic Energy Complexes



Pharmaceuticals

WATERMIST BASED PORTABLE EXTINGUISHERS

For centuries, man has done everything in his power to defeat fire. From bucketfuls of sand to advanced chemical powders and additives, from woollen blankets to sophisticated fire engines, all have been pitted against it.

Now, fire meets its fiercest opponent - the cleanest extinguishing agent known to man. Water. These extinguishers use stored pressure technology, advanced rotors and specially designed nozzles to generate an ultra fine spray of water called Watermist. Watermist when it comes in contact with fire evaporates rapidly,

blocking the entry of oxygen in the fire zone and bringing down the temperature to below combustion levels. This green, all-natural extinguishing agent causes no collateral damage at all – not to your premises nor the ozone. It tough on fire, yet gentle on the environment.



FIGHTS CLASS

A F ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:



FEATURES:

	A green extinguisher	
	High firefighting effectiveness	
	Extra security for people	
	Post fire damage reduction	
	Low water usage	
		

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Watermist 2L SS SP Red	Fire Ext. Watermist 3L SS SP Red	Fire Ext. Watermist 6L SS SP Red	Fire Ext. Watermist 9L SS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Water	Water	Water	Water
Agent Category	Watermist	Watermist	Watermist	Watermist
Product Code	CF-000709	CF-000710	CF-000711	CF-000712
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes
MED	No	No	Yes	Yes
Gross Weight	4.45 to 4.65 kg	Approx. 5.74 kg	10.30 to 10.90 kg	14.05 to 14.95 kg
Net Mass	1.90 to 2.00 Ltr	Approx. 3 Ltr	5.70 to 6.00 Ltr	8.55 to 9.00 Ltr
Approx. Height Of Fire Ext.	485 mm	N/A	575 mm	690 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire	A, F & Electrical Started Fire
EN 3 Ratings Class A Fire	5A	8A	13A	21A
EN 3 Ratings Class F Fire	25F	25F	75F	75F
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	Yes	Yes
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP-WM2LB/GA/02	CF/SP-WM3LB/GA/02	CF/SP-WM6LB/GA/02	CF/SP-WM9LB/GA/01
Working Pressure	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	108.0 mm	140 mm	175 mm	175 mm
Operating Temperature	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	1.5 mm	1.5 mm	1.5 mm	1.5 mm

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APPLICATION AREAS:



Genset Areas



Hospitals



Telecom Facilities



Paint Factories



Health Care Facilities



Workshops Making Electronic Equipment



Petrol Pumps



MRI Facilities

FOAMMIST & GREEN-FOAMMIST BASED PORTABLE EXTINGUISHERS

Ceasefire Foammist Based extinguisher range, harness the combined power of the revolutionary watermist technology and foam in portable extinguishers.

The extinguishing agent is 99% water and 1% foam based chemical (Telesolv). The foam-mist based firefighting system forms a foam blanket on top of the fire, thereby eliminating entry of oxygen and killing the fire instantly. Simultaneously, the extinguisher's water-mist component has a tremendous cooling effect that ensures there is no re-ignition of fire.

It is effective against class A, class B, electrically started fire and kitchen fire.

There is no flooding related collateral damage and safe to use in human presence.

The foammist based product line also boasts of a range of Green-Foammist based extinguishers with only 0.5% foaming agent.



FIGHTS CLASS

A B F ⚡

STANDARDS

EN3 PED MED

CERTIFICATIONS



CERTIFYING BODY

bre bsi.



SIZES AVAILABLE:

2 Ltr
Foammist



2 Ltr
Green
Foammist



6 Ltr
Foammist



6 Ltr
Green
Foammist



FEATURES:



A green extinguisher



High firefighting effectiveness



Extra security for people



Post fire damage reduction



Low water usage



TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Foammist 2L SS SP Red	Fire Ext. Foammist 6L SS SP Red	Fire Ext. Green Foammist 2L SS SP Red	Fire Ext. Green Foammist 6L SS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Telesolve1%	Telesolve1%	Telesolve 0.5%	Telesolve 0.5%
Agent Category	Foammist	Foammist	Foammist	Foammist
Product Code	CF-000696	CF-000698	CF-000838	CF-000839
Certification Type	EN-3, PED	EN-3, PED	EN-3, PED	EN-3, PED
LPCB	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes
MED	No	Yes	No	No
Gross Weight	4.45 to 4.65 kg	10.30 to 10.90 kg	4.336 kg	10.439 kg
Net Mass	1.90 to 2.00 Ltr	5.70 to 6.00 Ltr	Approx. 2.00 L	Approx. 6.00 L
Approx. Height Of Fire Ext.	485 mm	575 mm	415 mm	466 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip	Squeeze Grip	Squeeze Grip
Applicable On Fires	A, B, F & Electrical Started Fire	A, B, F & Electrical Started Fire	A, B, F & Electrical Started Fire	A, B, F & Electrical Started Fire
EN 3 Ratings Class A Fire	5A	13A	5A	13A
EN 3 Ratings Class B Fire	55B	144B	34B	133B
EN 3 Ratings Class F Fire	25F	40F	25F	40F
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder	Epoxy Polyester Powder
Helium Leak Detection Testing	Yes	Yes	N/A	N/A
Warranty In Years	5	5	5	5
G.A. Drawing Number	CF/SP-FM2LB/GA/02	CF/SP-FM6LB/GA/02	N/A	N/A
Working Pressure	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	108 mm	175 mm	109 mm	175 mm
Operating Temperature	5° C to 60°C	5° C to 60°C	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar	35Bar	35Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	1.5 mm	1.5 mm	1.39 mm	1.49 mm

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APPLICATION AREAS:



Genset Areas



Hospitals



Telecom Facilities



Paint Factories



Health Care Facilities



Workshops Making Electronic Equipment



Petrol Pumps



MRI Facilities

QUAD - FOAMMIST, WATERMIST AND GREEN-FOAMMIST BASED WHEELED SYSTEMS

Portable powder based extinguishers on the premises can fight the flames if the fire is detected early, but have little capacity to fight the fire in a long battle or a big fire. Collateral damage by these extinguishers is another unavoidable outcome. Hydrant systems on the other hand, provided they are in working condition, cause collateral damage, the risk of electrocution and are impossible to take to the scene of the fire. The need of the hour is for a portable system with humongous firefighting power, that doesn't cause any further damage. A system the kind of which the world has never seen.

A powerpacked Watermist or Watermist+Foam based system, that takes firefighting up a few notches. **Approximately 400 times.**



FIGHTS CLASS

A B ⚡

STANDARDS

EN1866 PED MED

CERTIFICATIONS

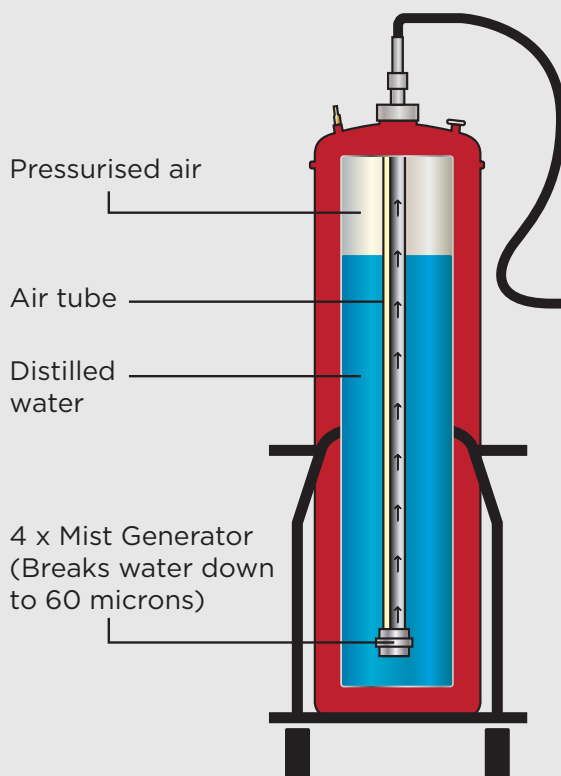


CERTIFYING BODY

bre bsi.



THE FUNCTIONALITY OF THE CEASEFIRE QUAD



Named after the four state-of-the-art Multi-Rotors working in sync in each container, the Ceasefire Quad brings together the efficiency of a fire extinguisher with the power of a hydrant system – without the drawbacks.

Discharge gun

Mist (60 microns)

The Quad's Multi-Rotors, located within the mist generator, work in tandem, mixing water and air in a pre-set proportion to generate Watermist in the specially designed discharge gun. Thereby **increasing the power of water by 400 times!** It's the first time this revolutionary technology is available in a portable form with huge throw. Making the Quad truly state-of-the-art.

Meant for areas where fire risk is huge, or where large amount of combustible materials are stored, the **wheel-mounted Quad** can be **taken anywhere with ease.**

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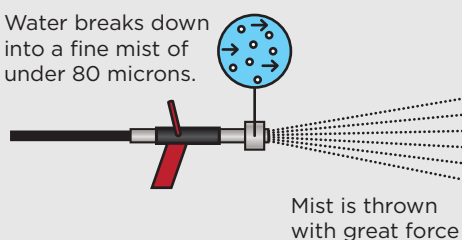


THE QUAD AS A WATERMIST BASED SYSTEM

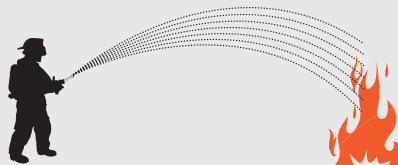
Though water is one of the most potent fire extinguishers around, large quantities are required to extinguish a fire. Harnessing water's immense cooling powers and multiplying them hundreds of times over, Ceasefire's Watermist technology breaks water down into a fine mist of under 80 microns. This mist is then thrown at the fire with a great kinetic force, covering a large

surface area. As soon as the mist comes into contact with the fire, it instantly turns into steam. Enveloping the flames, cutting down the oxygen supply and reducing temperature to below combustion levels. Powered by Watermist, the Ceasefire Quad is unstoppable. Equipped with four Multi-Rotors in each container, it's fully capable of generating Watermist quickly and efficiently.

Water breaks down into a fine mist of under 80 microns.



Mist is thrown with great force

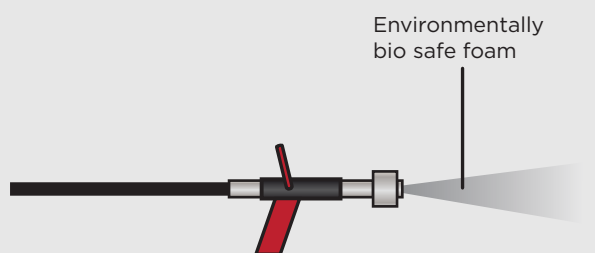


Mist turns into steam, covering the flames and lowering the temperature

THE QUAD AS A PURE WATERMIST AND FOAM BASED SYSTEM:

The quickest way to kill a fire is to not let it feed off the oxygen in the vicinity. When used as a Foam System, the Ceasefire Quad blankets the flames with an environmentally safe foam that's highly effective on Class B

fires, and oil and petrol fires. With a sub-80 micron size mist, the Quad ensures there's no risk of electric conduction, thermal shock or recoil while operating.



Highly effective on oil and petrol fires





THE DISCHARGE GUN

The Ceasefire Quad fights fires with a **lightweight dual-mode gun**.



The Jet Mode of the gun enables the firefighter to deliver large quantities of extinguishing agent into the fire zone from a distance to subdue the fire.









The Spray Mode offers extensive coverage and protection against radiant heat when the firefighter approaches near to the fire zone. Modes can be easily switched using a lever.








The 5 metre EPDM hose pipe, with throw of 14-16 metres, adds to the Quad's firefighting effectiveness. Allowing the firefighter to maintain a safe distance from the raging fire. The Quad ensures zero risk of thermal shock and offers protection against fire's intense heat. What's more, it is safe to use on any fire, including electric, thanks to its sub-80 micron mist.



FEATURES

	Fights Class A, B, C, Electric and Class F Fires
	Tamper-proof Safety Seal
	Low pressure, safe technology
	Tested and Certified by ERDA
	Conforms to EN1866 Standards and tested by a NABL Lab
	Portable, Trolley Mounted Extinguisher

	Controllable Discharge Mechanism
	Safe on Humans
	EPDM Rubber Hose Pipe
	Stainless Steel Body
	Environment friendly

SIZES AVAILABLE:

FOAMMIST / FOAMMIST-ASP GUN





SIZES AVAILABLE:

WATERMIST

25 ltr



50 ltr



100 ltr



SIZES AVAILABLE:

GREEN FOAMMIST

25 ltr



50 ltr



100 ltr



TECHNICAL SPECIFICATIONS:

Nomenclature For Wheeled Fire Extinguisher	Fire Ext. Green Foammist 25L SS SP Red	Fire Ext. Green Foammist 50L SS SP Red	Fire Ext. Green Foammist 100L SS SP Red	Fire Ext. Foammist 25L SS Jet SP Red	Fire Ext. Foammist 50L SS Jet SP Red	Fire Ext. Foammist 100L SS Jet SP Red	Fire Ex. Watermist 25L SS Single Trolley SP Red	Fire Ex. Watermist 50L SS Single Trolley SP Red	Fire Ex. Watermist 100L SS Single Trolley SP Red	Fire Ext. Foammist 25L ASP Gun	Fire Ext. Foammist 50L ASP Gun	Fire Ext. Foammist 100L ASP Gun
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure	Stored Pressure
Agent	Telesolve 0.5%	Telesolve 0.5%	Telesolve 0.5%	Telesolve1%	Telesolve1%	Telesolve1%	Water	Water	Water	Telesolve1%	Telesolve1%	Telesolve1%
Certification Body	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED	LPCB & PED
Product Code	CF-000750	CF-000751	CF-000752	CF-000744	CF-000745	CF-000746	CF-000741	CF-000742	CF-000743	CF-000747	CF-000748	CF-000749
Certification Type	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED	EN1866, PED
LPCB	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Kitemark	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PED	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MED	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No
Gross Weight	Approx. 66.50 Kg	Approx. 107.50 Kg	Approx. 166.70 Kg	Approx. 66.50 Kg	Approx. 107.50 Kg	Approx. 166.70 Kg	Approx. 65.00 kg	Approx. 106.80 kg	Approx. 166.20 kg	Approx. 65.50 Kg	Approx. 106.50 Kg	Approx. 165.50 Kg
Net Contents	23.75 to 25.00 Ltr	47.50 to 50.00 Ltr	95.00 to 100.00 Ltr	23.75 to 25.00 Ltr	47.50 to 50.00 Ltr	95.00 to 100.00 Ltr	23.75 to 25.00 ltr	47.50 to 50.00 ltr	95.00 to 100.00 ltr	23.75 to 25.00 Ltr	47.50 to 50.00 Ltr	95.00 to 100.00 Ltr
Approx. Height Of Fire Ext.	1075 mm	1200 mm	1615 mm	1075 mm	1200 mm	1615 mm	1075 mm	1200 mm	1615 mm	N/A	N/A	N/A
Discharge Mechanism	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)	N/A	N/A	N/A
Applicable On Fires	A, B & Electrical Started Fire	A, B & Electrical Started Fire	A, B & Electrical Started Fire	A, B & Electrical Started Fire	A, B & Electrical Started Fire	A, B & Electrical Started Fire	A & Electrical Started Fire	A & Electrical Started Fire	A & Electrical Started Fire	A, B Electrical Started Fire	A, B Electrical Started Fire	A, B Electrical Started Fire
EN 1866 Ratings Class A	A	A	A	A	A	A	A	A	A	A	A	A
EN 1866 Ratings Class B	IIB	IVB	IVB	IVB	IVB	IVB	N/A	N/A	N/A	IVB	IVB	IVB
Can Construction	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining	Forging And Machining
Internal Coating	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
External Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating	Epoxy Polyester Powder Coating
Warranty In Years	5	5	5	5	5	5	5	5	5	5	5	5
G.A. Drawing Number	CF/SP-GFM25/GA/01	CF/SP-GFM50/GA/01	CF/SP-FM100/GA/01	CF/SP-FM25/GA/01	CF/SP-FM50/GA/01	CF/SP-FM100/GA/01	CF/SP-WM25/GA/01	CF/SP-WM50/GA/01	CF/SP-WM100/GA/01	CF/SP-FA25/GA/01	CF/SP-FA50/GA/01	CF/SP-FA100/GA/01
Working Pressure	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar	15Bar
Dia. Of Shell (OD)	300.0 mm	350.0 mm	400.0 mm	300.0 mm	350.0 mm	400.0 mm	300.0 mm	350.0 mm	400.0 mm	300.0 mm	350.0 mm	400.0 mm
Operating Temperature	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C	+5° C to +60°C
Hydrostatic Test Pressure	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar	30Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	1.8 mm	2.0 mm	2.0 mm	1.8 mm	2.0 mm	2.0 mm	1.8 mm	2.0 mm	2.0 mm	1.8 mm	2.0 mm	2.0 mm

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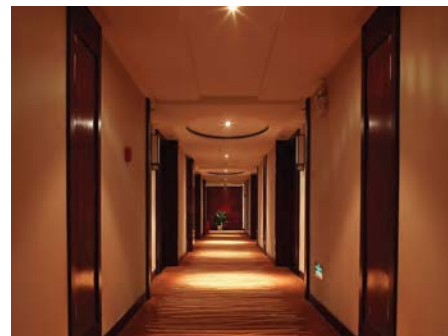
APPLICATION AREAS:



Garment Stores
and Warehouses



Hospitals



Hotels



Restaurants and
Food Supply Chain



Heritage Buildings



Stadiums, Exhibitions
and Weddings



Factories



Cinema halls and Auditoriums



Malls



Airports



Petrol Pumps and Police



Schools

ACTION-PAC (PORTABLE WATERMIST-BASED)

Factory floors, warehouses, data centres, hotels, hospitals, restaurants... Fire can strike anywhere, and at any time. Areas where heavy-duty electronics and computers are stored tend to be even more prone to fires. Factories and manufacturing units that use fire in their day to day operations cannot really avoid the risk of fire. Goods, raw materials and stock on the premises only raises this threat to a whole new level. Garment showrooms which stock highly inflammable materials, and schools, stadiums and malls face risk of fire from various sources, while the high occupancy of human lives takes the risk to a whole new level.

When a fire breaks out, you have only six minutes on your side before the flames spiral out of control. In a fire situation, the first instinct is to call the fire services. The second, to fight the flames with portable extinguishers on the premises. Portable powder based extinguishers on the premises can fight the flames, if the fire is detected early, but have little capacity to fight any big fire. Collateral damage by these extinguishers is another definite unavoidable outcome.

The reality is fire extinguishers only have a limited firefighting capacity, and with the traffic conditions of today, it is very possible the fire services won't get there in time. Often arriving at the scene of fire only when it's too late to stop the flames, and resorting to flooding the area to prevent the fire from spreading. Leaving the area where fire occurred charred and levelled.

The need of the hour is a portable fire extinguisher that can be quickly moved to the scene of fire, one that's packed with enough power to fight a growing fire and does not cause further damage.

Presenting the Ceasefire Action-Pac, the first of its kind extinguisher in the world! Powered by Watermist, this backpack fire extinguisher is packed with immense firefighting power and can easily be carried to the scene of the fire to battle the flames.



FIGHTS CLASS

A B ⚡

STANDARDS

PED

CERTIFICATIONS

CE₁₁₂₈

CERTIFYING BODY





REVOLUTIONARY TECHNOLOGY: WATERMIST

It's common knowledge that there is no extinguishing agent more potent than water. With its massive cooling power of 2.6 MW per litre per second, water kills even the largest of fires in minutes. But even fire's worst adversary has its shortcomings. Using water on an electrically started blaze can be a fatal mistake. What you need is cutting-edge technology that changes water's natural form, so that it can fight fires without causing any collateral damage.

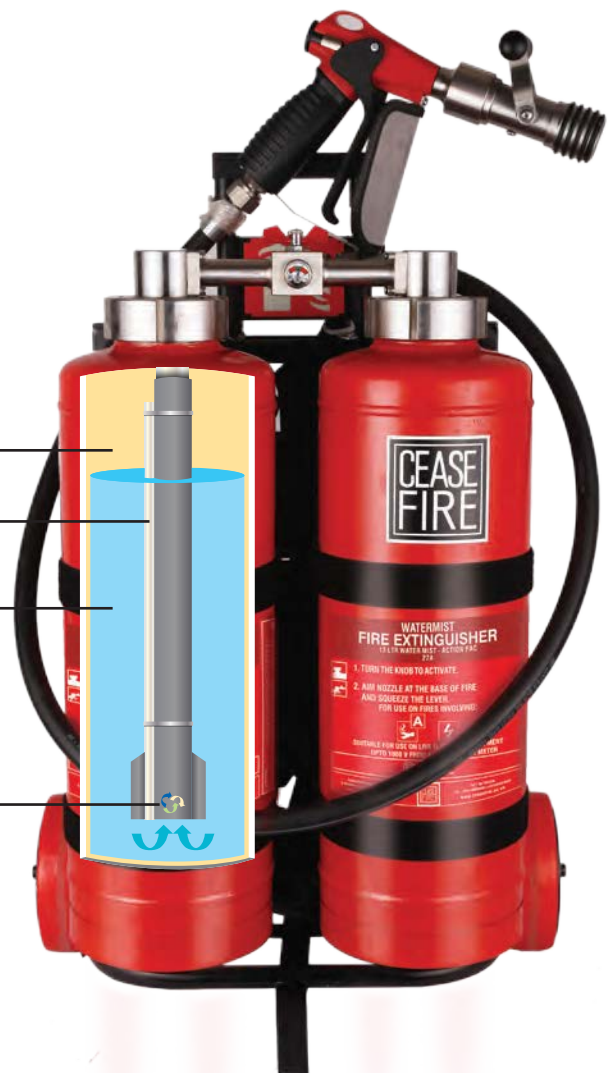
The revolutionary Ceasefire Action-Pac uses Watermist technology in a portable system, enabling it to be used safely on electrical fires. Watermist also increases the coverage area of water many times over, taking the firefighting power of Action-Pac many notches higher. Rapidly bringing down the temperature to below combustible levels, and cutting off the oxygen supply.



How Watermist Works:

This revolutionary technology breaks water down into a fine mist of under 80 microns. This mist, which is thrown at the fire with great kinetic force, covers a large surface area due to the miniscule size of its particles. As soon as the mist comes into contact with the fire, it instantly turns into steam. Enveloping the flames, cutting down the oxygen supply and reducing the temperature to below combustion levels. Ensuring that even the largest fire succumbs to Watermist technology, in minutes.

- Pressurised air
- Air tube
- Distilled water
- 4 x Mist Generator (Breaks water down to 60 microns)



ALL YOU NEED TO KNOW ABOUT ACTION-PAC

While other extinguishers use chemicals to put out fires, these chemicals completely ruin your equipment. What's more, apart from the cost of collateral damage, the extinguishing agent cost also adds up.

The Ceasefire Action-Pac has been specially designed to cause no damage. The USP of the Action-Pac is that it uses Watermist, which causes no collateral damage, ensuring that business operations are up and running at the earliest.

Fitted with two 6 litre stored low-pressure containers, this backpack firefighter is always ready to come to the rescue. The Action-Pac does the rest – dispensing Watermist, made up of microscopic droplets of water (below 80 microns), onto the fire affected area, quickly putting out the flames as well as bringing the temperature down to non-combustion levels.



The Discharge Gun

The Ceasefire Action-Pac fights fires with a lightweight dual-mode gun. The Jet Mode of the gun enables the firefighter to deliver large quantities of extinguishing agent into the fire zone from a distance to subdue the fire. The Spray Mode offers extensive coverage and protection against radiant heat when the firefighter approaches near the fire zone. Modes can be easily switched using a lever.

The Action-Pac is available in two variants: Pure Mist and Foam. The extinguisher ensures zero risk of thermal shock or recoil while using, and is safe to use on any fire, including electric, thanks to its sub-80 micron mist.



SIZES AVAILABLE:

Backpack
MountedTrolley
MountedFoammist and
Watermist
13 Ltr

FEATURES

	Easy to use with Quick Activation
	Fights Class A, B, & Electric fires
	Tamper-proof Safety Seal
	Every Extinguisher is Hydrostatic Pressure tested
	Low pressure, safe technology
	Tested and Certified by ERDA
	Watermist ensures no Flooding
	Creates a fine mist of under 80 Microns:

60	1 minute of Continuous Discharge
	EPDM Rubber Hose Pipe
	Stainless Steel Body
	Environment friendly
	Available in pure Watermist or in Watermist+Foam
	Spray and Jet Modes
	Ideal for Rapid Reaction

TECHNICAL SPECIFICATIONS:

Nomenclature For Portable Fire Extinguisher	Fire Ext. Action Pack Foammist 13L SS SP Red	Fire Ext. Action Pack Watermist 13L SS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure
Agent	3% of KV Foam 3% C-6	Water
Agent Category	Foammist	Foammist
Product Code	CF-000679	CF-000642
Certification Type	PED	PED
PED	Yes	Yes
Gross Weight	37.15 to 37.80 kg	37.15 to 37.80 kg
Net Mass	12.35 to 13.0 Ltr	12.35 to 13.0 Ltr
Approx. Height Of Fire Ext.	745 mm	745 mm
Discharge Mechanism	Squeeze Grip	Squeeze Grip
Applicable On Fires	A, B & Electrical Started Fire	A, B & Electrical Started Fire.
EN 3 Ratings Class A Fire	27A	27A
EN 3 Ratings Class B Fire	IB	N/A
Can Construction	Drawn Rolled And 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
Helium Leak Detection Testing	N/A	N/A
Warranty In Years	5	5
G.A. Drawing Number	CF/SP-FM13/GA/03	CF/SP-WM13/GA/03
Working Pressure	15Bar	15Bar
Dia. Of Shell (OD)	175.0 mm	175.0 mm
Operating Temperature	5° C to 60°C	5° C to 60°C
Hydrostatic Test Pressure	35Bar	35Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	1.5 mm	1.5 mm

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APPLICATION AREAS:



Factories



Cinema halls and Auditoriums



Malls



Airports



Petrol Pumps and Police



Schools

CAFS (WATERMIST BASED COMPRESSED AIR FOAM SYSTEM - LOW PRESSURE)

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 Watermist Compressed Air Foam System; the best firefighting weapon ever designed.

9 Ltr



50 Ltr



FIGHTS CLASS

A B ⚡

STANDARDS

EN1866 PED

CERTIFICATIONS

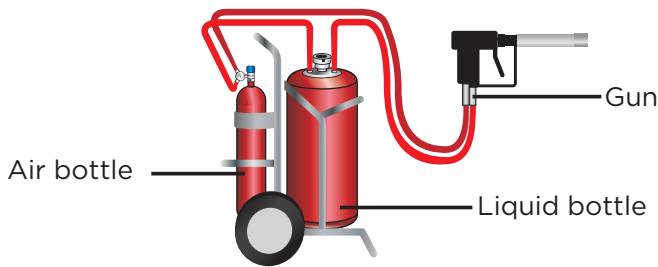


CERTIFYING BODY



HOW THE COMPRESSED AIR FOAM SYSTEM WORKS

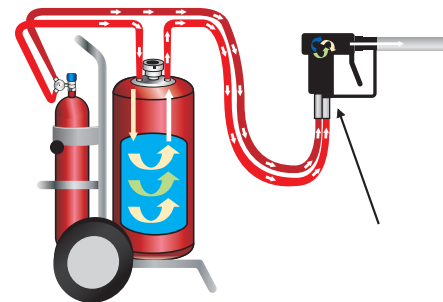
THE SYSTEM



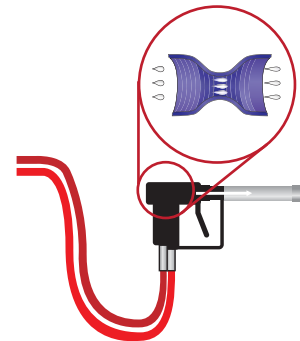
Ceasefire's Watermist Compressed Air Foam System features a rotating motor in the gun which breaks water up into miniscule droplets. These droplets are then delivered through micro nozzles with a high degree of dispersion onto the flames, allowing you to fight even large fires successfully. With Ceasefire's Watermist Compressed Air Foam System, nearly 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. What's more, Watermist technology can be used on all types of fires – including electrically started and petrol fires, which cannot be fought using traditional water dispensing mechanisms.

HOW IT WORKS



Specially constructed chambers and nozzles atomise the mixture to optimum size water droplets (40-80 microns)



The aerodynamics of the gun further accelerate the speed of the droplets

FEATURES:

	State of the art pressure gauge	
	Controllable discharge	
	Fights Class A, B and Electric fires	
	EPDM rubber hosepipe	
	5 Years Warranty	
	Thermal shock proof	

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

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HOW THE COMPRESSED AIR FOAM SYSTEM WORKS

Almost 80% of damage resulting from a fire is actually caused by the extinguishing action: flooding and contamination with foam or active chemical extinguishing powder. Watermist causes little or no collateral

damage. What's more, Watermist technology can be used on all types of fires – including electrically started and petrol fires, which cannot be fought using traditional water dispensing mechanisms.

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.

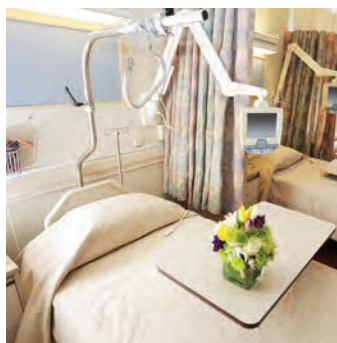


Wide throw to combat Class B (oil, petrol, paint) fires.

APPLICATION AREAS:



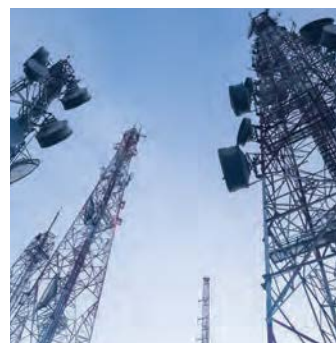
Hospitals



Health care facilities



MRI facilities



Telecom facilities



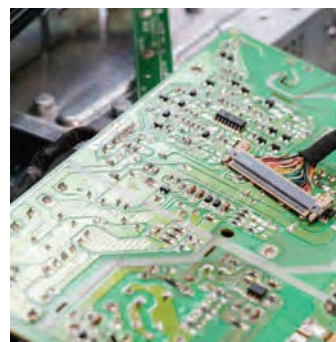
Genset areas



Paint factories



Petrol pumps



Workshops making electronic equipment

CEASEFIRE TETRAQUAD

Presenting for the first time ever, the Ceasefire TetraQuad. A power-packed Watermist+Foam based system that takes firefighting up 4x4. It is Ceasefire's, and probably the country's biggest, toughest standalone firefighter till date.

The TetraQuad takes the power of the Quad four times ahead. Named after the four state-of-the-art Multi-Rotors working in sync in each of the four 62.5 ltr containers (250 ltr

capacity), the Ceasefire TetraQuad brings together the efficiency of a fire extinguisher with the power of a hydrant system – without the drawbacks.

Besides, being 100% green, Watermist causes no damage to equipment or the Earth, making it absolutely safe to use on electronics, sensitive equipment and, above all, human lives.



FIGHTS CLASS

A B

STANDARDS

PED

CERTIFICATIONS

CE₁₁₂₈

CERTIFYING BODY

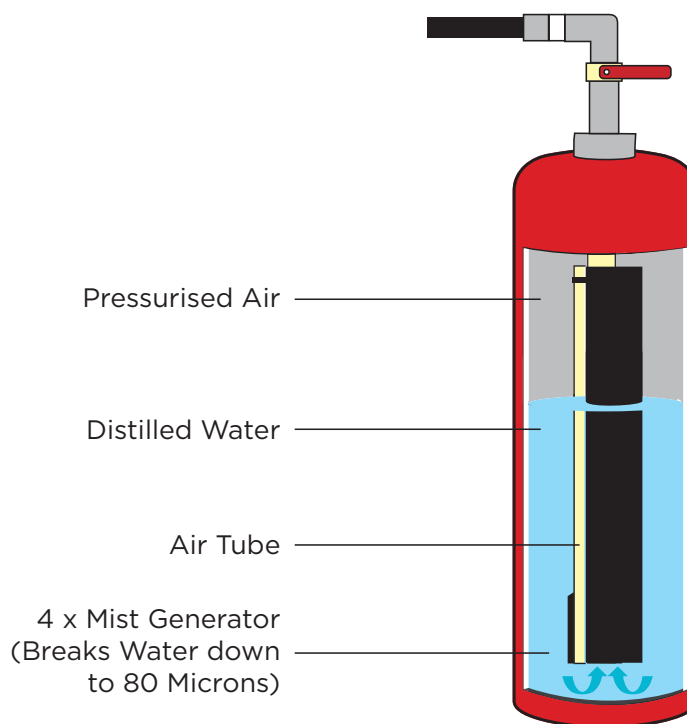
★ ★ ★ ★
EURO
★ CERT ★
★ ★ ★ ★



HOW THE TETRAQUAD WORKS

400x

The TetraQuad's Multi-Rotors, located within the mist generator, work in tandem, mixing water and air in a pre-set proportion to generate Watermist in the specially designed discharge gun. Thereby increasing the power of water by 400 times! Making the TetraQuad truly a state-of-the-art protector.



A COMPLETE FIREFIGHTING MACHINE



The TetraQuad as a Watermist-based System

Powered by Watermist, the TetraQuad can take on any fire. Equipped with four Multi-Rotors in four containers, it's fully capable of generating Watermist quickly and efficiently. Available as wheeled or vehicle-mounted system, it's truly an unstoppable 4x4 firefighter.



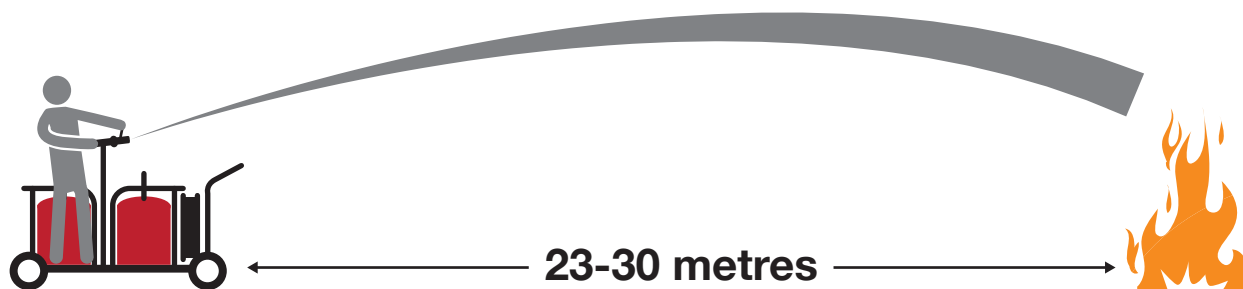
The TetraQuad as a watermist+foammist-based System

The quickest way to kill a fire is to not let it feed off the oxygen in the vicinity. When used as a Foam System, the Ceasefire TetraQuad blankets the Flames with a special foam that's highly effective on Class B fires, and oil and petrol fires. With a sub-70 micron size mist, the TetraQuad ensures there's no risk of electric conduction, thermal shock or recoil while operating.



The TetraQuad as a foammist-based System

In large fires involving petrol pumps, you need to go foam. With a range of 30 metres and a 60 second discharge, the TetraQuad floods the area with thick foam, immediately cutting off the oxygen supply and giving the fire only one choice - to go out.



FEATURES:

	Easy to use with Quick Activation
	Long Hose
	Fights Class A and B fires
	Low pressure, safe technology

	Controllable Discharge Mechanism
	4 Cylinders, Massive Firefighting
	Stainless Steel Body
	Environment-friendly


TECHNICAL SPECIFICATIONS:

Nomenclature For Fire Extinguisher	Fire Extinguisher Tetraquad Water 250L SS SP Red	Fire Extinguisher Tetraquad Water + Foam Additive 250L SS SP Red
Stored Pressure / Cartridge	Stored Pressure	Stored Pressure
Agent	Water	Water + 6% of KV Foam 3% C-6
Agent Category	Watermist	Foammist
Product Code	CF-000860	CF-000861
Certification Type	PED	PED
PED	Yes	Yes
Net Contents	237.50 to 250.00L	237.50 to 250.00L
Discharge Mechanism	Operating Lever (Ball Valve)	Operating Lever (Ball Valve)
Applicable On Fires	A	A and B
EN 3 Ratings Class A Fire	A	A
EN 3 Ratings Class B Fire	N/A	IVB
Can Construction	Drawn Rolled & MIG Welded	Drawn Rolled And MIG Welded
Valve / Cap Construction	Forging & Machining	Forging & Machining
Internal Coating	N/A	N/A
External Coating	Epoxy Polyester Powder	Epoxy Polyester Powder
Warranty In Years	1	1
Approx. Gun Weight In Kg	2.02 Kg	2.02 Kg
G.A. Drawing Number	CF/TRL-WM-62.5X4/GA/02	CF/TRL-FM-62.5X4/GA/02
Working Pressure	12Bar	12Bar
Dia. Of Shell (OD)	450.0 mm	450.0 mm
Operating Temperature	5° C to 60° C	5° C to 60° C
Hydrostatic Test Pressure	30Bar	30Bar
Cylinder Material Spec.	SS 304 (1.4301)	SS 304 (1.4301)
Body Thickness	2.5 mm	2.5 mm

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WORLD SERIES

CEASEFIRE ACCESSORIES





CEASEFIRE INSTALERT

Most buildings, offices, factories and commercial premises have been armed with fire extinguishers. Unfortunately, in the event of a fire, most of these extinguishers wouldn't be able to batter the flames. In some cases, the extinguishers have been vandalised or misused, making them useless. In others, the extinguishers have been stolen.

The answer isn't replacing or recharging these fire extinguishers. All you need is a device that can protect the extinguisher 24x7. So that in the case of an emergency, the extinguisher works perfectly to put out the flames and save lives.

Ceasefire's Instalert makes such a tamper-proof device.



HOW INSTALERT WORKS:



Sturdy and self-contained, the Ceasefire Instalert has a highly visible cord to discourage wrongful use and tampering. To add to this, if the fire extinguisher is moved, an integral sounder emits a piercing alarm. This not only dissuades thieves, it also alerts people in case of a fire.

Instalert is easy to install and comes with a deactivation cable so that the extinguisher can be serviced with ease. It










also comes with an operating cable kit and a 9V PP3 alkaline battery.

Instalert has been designed to ensure the extinguisher is totally accessible for emergencies and will not interfere in the event of a real fire.

It can even be installed on an existing fire extinguisher.



FEATURES

	Highly visible 'stop sign' design is effective in helping stop theft, misuse or vandalism		Compact design (136mm/5.35" dia x 50mm/1.97" deep) mounts easily next to the extinguisher
	Sounds a powerful 98dB (at 1 metre) warning alarm when activated (low volume setting also available)		Remote powered 12V or 24V DC models
	Self-contained 9V DC alkaline power source		Deactivation cable provided for service
	Indestructible polycarbonate housing		

TECHNICAL SPECIFICATIONS:

Technical Specifications	Drilling Kit (Drilling in metal, wood, gypsum board and plastic)
Housing	3mm/1/8" polycarbonate
Dimensions	136mm/5.35" (height) x 136mm/5.35" (width) x 50mm/1.97" (depth)
Power Source	9V DC alkaline
Sounder Output	95dB - low / 98dB – high (at 1 metre)
Operating Cable	3mm/1/8" galvanised steel
Standby Current	None
Alarm Current	40mA at 95dB / 150mA at 98dB

ACCESSORIES:

- Operating cable kit (includes operating cable and seal)
- Service/deactivation cable
- Tamper key



STROLLEYS

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'.









VARIANTS:



FEATURES:

	High quality construction that ensures easy mobility		Photoluminescent signs to locate through smoke and darkness.
	Retractable handles		Powder-coated rustproof bodies

TECHNICAL SPECIFICATIONS:

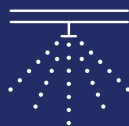
Specification	Double extinguisher strolley	Single Stand
Model Number	ZX - 037- 009	ZX - 037- 004 - B
Overall Size (WxDxH)	620 x 520 x 1150mm	320 x 290 x 750mm
Material	Steel with Polyester Coated Red	Steel with Polyester Coated Red



WORLD SERIES

WHY CEASEFIRE:

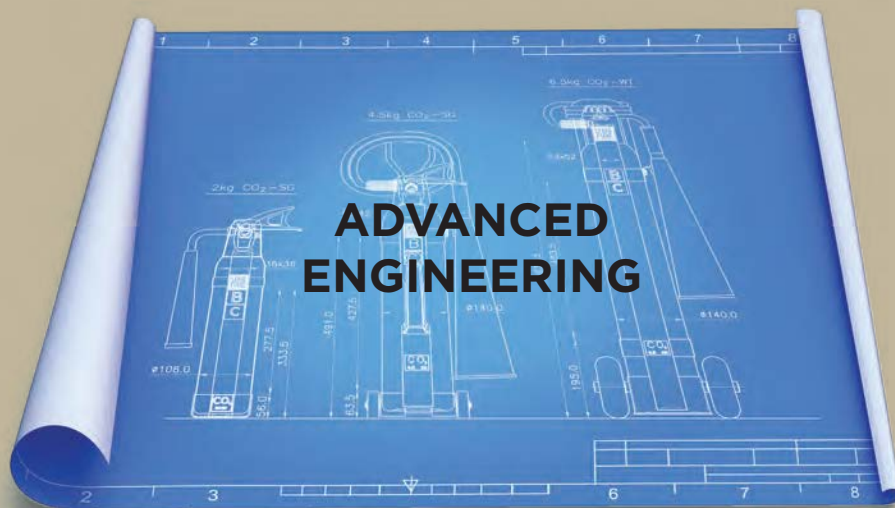
What gives Ceasefire's Fire Extinguishers Range an edge over other players in the industry?





Portable Fire Extinguishers (Low Pressure)

There's a lot of precision that goes into making a Portable Fire Extinguisher a serious firefighter.



- ✓ SAFETY
- ✓ REGULATORY COMPLIANCE
- ✓ MANUFACTURING
- ✓ TEST
- ✓ RAW MATERIAL
- ✓ ASSEMBLY



It's vital that the fire extinguisher you choose to buy is made to these exacting standards.



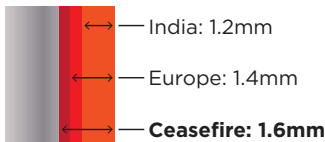


THE CONTAINER BODY



The steel container has to be of a particular quality and thickness because it holds the extinguishing agent at high pressure.

Average sheet metal thickness:



Steel:

Ceasefire purchases steel directly from original and reputed producers - Tata Steel, Essar Steel or SAIL.

Our CRCA steel sheets are IS513 compliant and 34% thicker than the Indian industry average and 12.5% thicker than the European industry average.

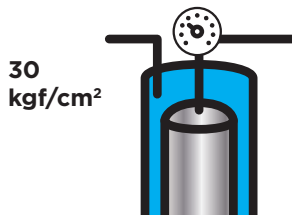


Manufacturing Process:

A specialised Deep Draw process is carried out to give the CRCA steel sheets the shape a container.

This process involves moulding through hydraulic presses. Three draws are made at precise tonnage of pressure.

Unique dies are used at each draw. Allowing for a body carved out with highest strength, and with 70% lesser seams than the industry.



Hydrostatic Pressure Testing:

Ceasefire's production guidelines make it mandatory to conduct specialised Hydrostatic Pressure Testing on every single container.

A minimum of 30 kgf/cm² pressure is exerted on the container for 2 mins. That's 3 times more pressure than a fire extinguisher, ensuring a perfect container.



Eight Tank Process

Treatment for Durability & Longevity:

Ceasefire containers undergo an Eight Tank Process for additional strength and durability.

First, acid and alkaline solutions are used to treat the container body.



A coat of zinc phosphate is done on the outer body.

Durable, ultra-finish, powder coat of paint is also carried out.

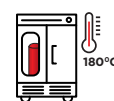
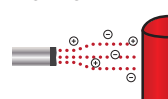


Ceasefire's ABC Powder extinguishers are also internally coated with epoxy powder to guard against corrosion.



Paint:

The paint is first positively charged, and the containers negatively to ensure the powder coat temporarily fixes to the containers.



Containers are then placed inside giant ovens and baked for 15 minutes at 180°C. The powder particles melt and form a lustrous layer of paint.

This superior finish ensures no cracks, rusting or flaking for many years, even in extreme outdoor conditions.

THE VALVE



The valve is the most tech embedded component in an extinguisher. There are many micro components that go into its making and functioning, and each has to be manufactured to absolute precision. A faulty valve may lead to a leak in pressure, rendering the extinguisher useless.



- At Ceasefire, we have incorporated all our research and learning to produce best-in-class valves, that only allow the pressure to escape when the extinguisher is activated.
- We manufacture our own valves using state-of-the-art CNC machines.



- Ceasefire's valves are forged from a single piece of high-grade brass.
- The all important component, O-Ring, is made of EPDM grade.
- Compared to the industry, our valves are 50% heavier, cohesively integrated, and with a far superior finish.

THE DIP TUBE



This hidden component plays a vital role in the functioning of an extinguisher. It's the medium through which the extinguishing agent is expelled out of the container. This tube, not only needs to be of the right quality, it needs to be integrated properly to function correctly and discharge maximum amount of agent.



- Ceasefire's tubes are made from superior grade plastic
- Fitted with precision to ensure that 90% of the agent comes out when the extinguisher is fired.
- In specialty extinguishers, a flexible dip tube is used to ensure optimum discharge, even in a horizontal position.



SAFETY SEALS AND SQUEEZE GRIP



- **The Squeeze Grip is the main trigger to activate an extinguisher.**



Squeeze Grip:

- Ergonomically designed using superior grade steel
- Ceasefire's Squeeze Grips stay sturdy for the entire lifetime of the product.
- They are designed to not only activate the extinguisher, but also to easily carry the portable extinguisher to the scene of fire.

HOSEPIPE



- **The hosepipe is key to disperse the agent over the fire, and must have extreme strength and resilience.**



Ceasefire, with its immense experience in the field, uses quality hosepipes made of braided rubber or EPDM.



- Being flexible, they can be swiftly moved from side-to-side to fight the fire. Flexibility at the time of activation is vital for effective firefighting.
- Ceasefire's hosepipes are durable, do not become brittle or crack.

PRESSURE GAUGE



- **The Pressure Gauge in an extinguisher indicates the current pressure in the container.**
- **Since an extinguisher without pressure is useless, it's the only the pressure gauge that can tell you if your extinguisher is in working condition or not.**



- Ceasefire extinguishers are equipped with state-of-the-art pressure gauges
- Manufactured to world-class precision.
- Every Ceasefire extinguisher is fitted with a new pressure gauge. For us, recycling is not an option.



With Ceasefire Pressure Gauges, the needle can be checked against jamming using a magnetometer.



Since the needle remains in the green zone only when there's enough pressure, it's essential to test that the needle is free and can move across the scale easily.

FERRULES



Ferrules ensures that the hosepipe stays steadily connected to the discharge point of the extinguisher.



Stainless steel is used for ferrules to attach the hosepipes to Ceasefire's extinguisher. Stainless steel doesn't rust, holding the hosepipe firmly in place throughout the service life of the product, even during activation.



NOZZLES



It's the nozzles that effectively discharge of the agent on the fire. These need to be specially designed to fight the class of fire the extinguisher is built for, and the volume of the extinguisher itself.



Ceasefire nozzles are built to:

- Ensure optimum angle of discharge of the extinguishing agent.
- Maintain flow rate.
- Mix the gas and agent for maximum efficiency.



- Continuous R&D and technology collaborations from leading manufacturers from around the world enable Ceasefire to bring the latest nozzle technologies to India.
- The same quantity of extinguishing agent, delivered from a Ceasefire nozzle, can effectively put out a larger fire than a poorly designed nozzle can.

INSTALLATION MOUNTS



- **Mounts are essential to securely install the fire extinguisher to the wall.**
- **In the event of a fire, the mounts allow the user to easily take the extinguisher from the hold.**



- Ceasefire mounts are Scientifically designed after extensive research in the field.
- The mounting comprises a unique composition of Top Catcher & Bottom J Brackets.
- The Catcher grabs the extinguisher from the neck and the J Bracket holds the container firmly.



At the time of need, with just a gentle pull, the Catcher releases the extinguisher from the mount.

THE EXTINGUISHING AGENT (ABC POWDER)



ABC Powder-based extinguishers contain a highly potent MAP 50 or MAP 90 powder variant which is highly effective in firefighting.



- Ceasefire fills extinguishers via an automatic machine in a dehumidified environment - through a vacuum principle.
- The vacuum sucks the ABC Powder into a hopper, which in turn releases just the right amount of powder into the attached container - allowing no moisture in.
- The powder remains free flowing for effective firefighting.



Every ounce of ABC Powder is procured from the world's leading, most authentic sources in the world.

THE ASSEMBLY OF ALL THE COMPONENTS



- **The Assembly Stage is when all the parts - from the spray gun to the pressure gauge - are fitted together.**
- **This process is partly done by hand, and partly by state-of-the-art machines.**
- **Assembling these components together requires expertise, precision and an advanced manufacturing set up.**
- **Only when all these components are integrated perfectly, is when an extinguisher is ready to take on a fire.**



At Ceasefire, almost every single component - from the container body to the tiniest of valves - is manufactured at our own production facility in Dehradun, India, which has the production capacity to produce 4,80,000 perfectly working extinguishers every year.

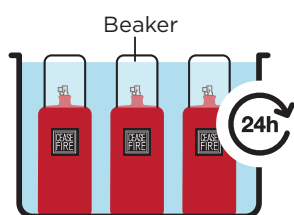


FINAL TESTING BEFORE A PRODUCT IS “APPROVED”



- Ceasefire extinguishers come with the warranty of 1 and 5 years. And for us, this is not a false promise.
- Which is why once all the components are fitted together, we conduct thorough checks to make sure the extinguisher is in perfect working condition. Because when it comes to human lives in danger, you don't get a second chance.

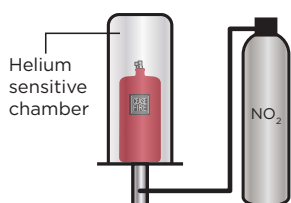
Tests conducted on EVERY EXTINGUISHER:



The Inverted Beaker 24-hour Leak Test:

Once the extinguisher is pressurised, it's important to check that there are absolutely no leaks.

- Our extinguishers are submerged in a water tank, with an inverted glass on top of the valve, for 24 hours to test for leakages.
- Even if there is a minor leakage, tiny bubbles will get caught in the glass beaker after 24 hours – making it one of the most effective methods to detect a potential leak.



The Helium Leak Detection Test:

This test is conducted to ensure that our extinguishers won't lose even the smallest trace of gas or pressure throughout their shelf life.

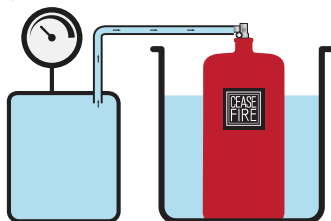
- The container is first charged with 99.99% pure Nitrogen and a little Helium, and put into a helium sensitive machine chamber.
- Being lighter than nitrogen, helium leaks through the welded joints of a faulty container's body. If even the slightest traces of helium is found, the entire batch is rejected.

FINAL TESTING BEFORE A PRODUCT IS “APPROVED”

Tests conducted on EVERY BATCH:

Only after our extinguishers pass the above two mandatory tests, are they eligible for further batch testing.

55 bar
pressure



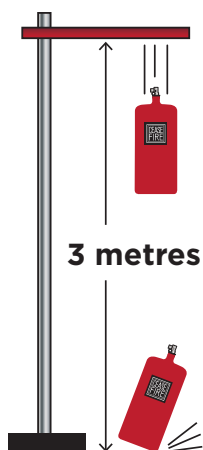
The Burst Test:

- The extinguisher container is put through 2.7 times the maximum surface pressure, or 55 bar pressure, whichever is higher – to test that it can withstand this level of pressure.
- To give you an idea of how much pressure this really is, 55 bar pressure is 55 times the atmospheric pressure at sea level!
- The Burst Test pressurises the extinguisher beyond the pressure limit to make sure that it will not burst into fragments, or at welded joints.



The Pressure Cycling Test:

- An extinguisher is made to sustain 5000 pressure cycles from 0 bar to their test pressure and then back to 0 bar at the rate of 6 cycles/min.
- That's 1.43 x maximum service pressure or 20 bar for low pressure extinguishers and 30 bar for gaseous extinguishers.



The Drop Test:

- The extinguisher cylinder is filled with water and dropped vertically and then horizontally from a distance of 3 metres.
- If it leaks, it is discarded.

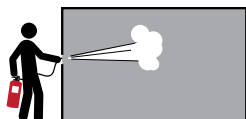


The Crush Test:

- The Crushing Test challenges the strength of the extinguisher. The extinguisher's body is crushed for 30 to 60 seconds, after which it is thoroughly checked for leaks and cracks.
- While some players in the industry crush the body to 66% of its diameter, we push the limit and crush it by 90% in the test.



FINAL TESTING BEFORE A PRODUCT IS "APPROVED"



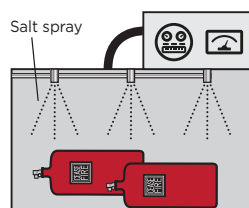
The Discharge Test:

- An extinguisher from each batch is picked at random and put to test, to check that the mechanism works according to the prescribed standards.
- We first condition the extinguisher to +60°C as per EN requirement, and then fire it to measure the maximum service pressure. Our extinguishers have shown 100% consistency as far as their discharge is concerned.



The Temperature Fluctuation Test:

- Extinguishers are often exposed to varied climatic and atmospheric changes, specially if they are kept outside or are in a place with extreme temperatures and humidity.
- We check the extinguisher's resistance to temperature changes by placing it in an oven and a chiller – alternatively for 24 hours. After it is conditioned, the extinguisher is operated to check its endurance to temperature changes.
- Ceasefire extinguishers discharge more than 90% of the ABC Powder even at -30°C.



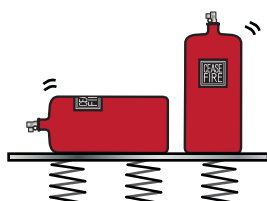
The Corrosion Test:

- During the Corrosion Test, the extinguisher is exposed to salt spray continuously for 480 hours, and then thoroughly washed and checked for corrosion.
- Of all the players in the industry, only a few conduct this test, and they do so for only 240 hours.



The Impact Resistance Test:

- Fire extinguishers are not always placed in ideal positions. The Impact Resistance test consists of 4 kg cylindrical steel hammers being dropped vertically on the fully charged extinguisher. The extinguisher must not release pressure in a potentially dangerous manner.
- There are a handful of players in the industry who perform this test, that too at -30°C or 5°C.
- The test is carried out at both, ambient and extreme temperature points; at -30°C and 60°C. In the case of Ceasefire Water Type Extinguishers, it is carried out at 5°C and 60°C.



The Vibration Resistance Test:

- All extinguishers are not meant to be used in vehicles, but we test them just the same.
- For this test, each extinguisher is tested for stability in a vertical, horizontal and lateral position.s.

FINAL TESTING BEFORE A PRODUCT IS "APPROVED"



The Lock Test:

- As per IS 15683:2006, "The release of the safety device with tamper indicator shall involve an operation distinct from that of the operation mechanism and shall require a force of no less than 20 N but not exceeding 100 N".
- The Safety Locking Device is tested on every extinguisher by applying the required force to test its durability and reliability.
- If intact, the extinguisher is safe for use.



The Pressure Gauge Test:

Each Ceasefire extinguisher comes with a state-of-the-art Pressure Gauge, that's tested by putting it through 500 cycles.



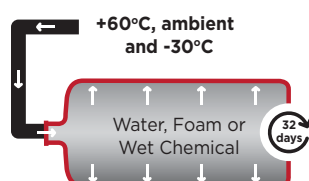
The Powder Flow Test:

- In case of ABC or MAP extinguishers, the powder must be free from moisture so that it does not cake or clog up.
- The Powder Flow Test ensures that the powder will flow out of the hose without any hindrance when the extinguisher is activated.
- For the test, 500gms of powder is made to flow between two conical glasses. It must flow at 50gms/sec 10 times to pass this test.



Hosepipe Burst Pressure Test:

We test our hosepipes for their pressure holding capacity at -30°C (or 5°C) and +60°C at 35 bar pressure.



Internal Corrosion Resistance Test:

- At Ceasefire, we test the impact of extinguishing agents like water, foam and wet chemical on the internal surface of the extinguisher's container. The Internal Corrosion Resistance Test is carried out for 32 days.
- We subject our extinguishers to 8 cycles of +60°C, as compared to the few other manufacturers, who have 1 cycle, carried out at +55°C, only for 7 days.



High Pressure Portable Fire Extinguishers - CO₂ Based Extinguishers

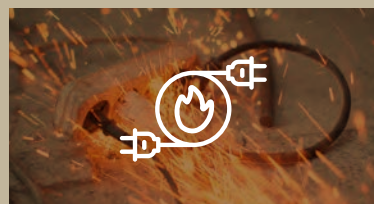
In CO₂ extinguishers, the pressure is kept high to the point of 70 bar.



The pressure requirement and unique working require highly specialised, extremely precise manufacturing and engineering.



Fights class B fires involving flammable liquids like petrol and oil.



Fights Class C and electric fires.



THE CONTAINER BODY



The container of a CO₂ fire extinguisher is required to hold pressure of up to 70 bar. This demands an extremely sturdy container.



Ceasefire's CO₂ containers are made of high-grade mild steel through a specialised extrusion process that makes the containers completely seamless.

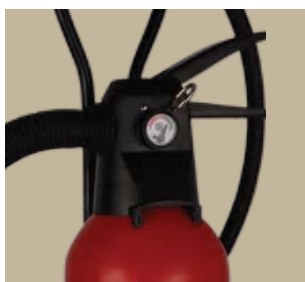
THE VALVE



The valve of the CO₂ extinguisher needs to transfer extremely high pressure, in order to turn CO₂ from liquid back to its gaseous form.



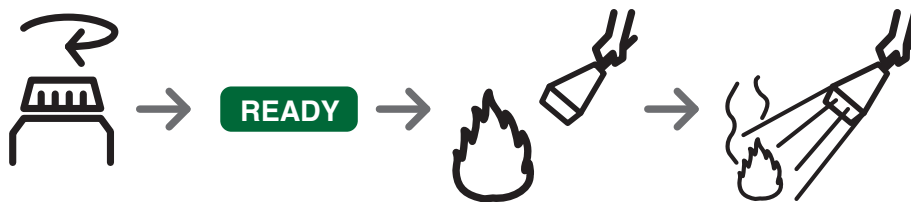
This requires the valve to be specially built to endure extreme pressure.



Ceasefire CO₂ fire extinguishers have high-grade brass valves, far superior than metal valves.



Ceasefire CO₂ valves are specially designed to endure and operate at extreme high pressure.



Twist the valve

Check the "READY" sign

Point the horn at the fire

Pull the trigger

THE DISCHARGE HORN



Unlike other types of fire extinguishers, CO₂ extinguishers come equipped with a discharge horn as opposed to a hose.

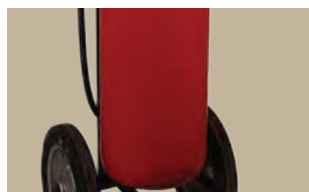


Pressure is released and reduced by the horn.

CO₂ expands back into a gaseous state.



- Safe to hold.
- Frost-free horns that cause no freeze burns.
- Can be touched safely when fighting the fire, giving more control.



Through extensive research and development, Ceasefire's CO₂ extinguishers are:

- Free of static charge.
- Safe to use on B and C class fire.

ABSENCE OF A PRESSURE GAUGE



Since CO₂ fire extinguishers are pressurised at extremely high pressure, it's not safe for the extinguishers to have a pressure gauge.



Indicator

Ceasefire has developed the world's first-of-its-kind mechanism that, through a ready indicator, shows whether the extinguisher is in a "Ready" or "Used" state.

READY



Just by observing this indicator, you can tell if a Ceasefire CO₂ extinguisher is ready to take on fire or not. This has taken away doubt and uncertainty from the minds of the users.



THE HOSEPIPE



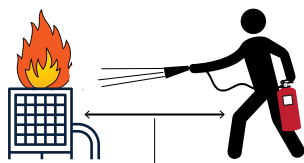
The hosepipe is the medium through which the CO₂ gas flows from the cylinder to the extinguisher's horn at the time of activation and firefighting.



The Ceasefire CO₂ extinguishers come equipped with a superior quality EPDM hosepipe.

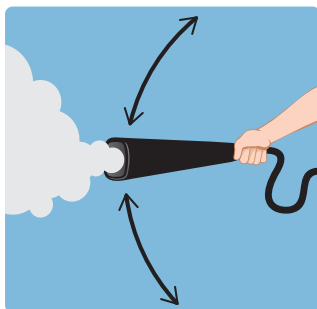


This hosepipe comes with a guarantee of no cracks or deterioration throughout the service life of the product. This ensures quicker, easier firefighting.



safe distance from fire

The length of the hosepipe is kept long to enable free movement during firefighting, allowing the firefighter to keep a safe distance and fight the flames.



The long length of the hosepipe makes it easier to manoeuvre.

THE TROLLEY



- A CO₂ extinguisher above 2 kgs becomes too heavy.
- The mild steel container, because of the high pressure, is extremely heavy.
- Easy movement of the extinguisher to the scene of fire is important to fight it.



At Ceasefire, we have our CO₂ extinguisher trolleys to perfection.



- Takes the weight of the CO₂ extinguishers off.
- Smooth and easy to manoeuvre.



- The trolleys are designed to withstand mechanical stress.
- Superior grade rubber/plastic wheels.
- Provide high portability.



- Ergonomically designed handle at the centre of the extinguisher distributes the load evenly.
- This makes the extinguisher even easier to cart around.



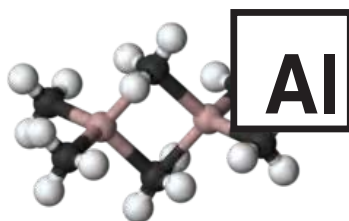
THE HEAVY WEIGHT PROBLEM



- Despite the trolley a CO₂ extinguisher's weight remains an issue.
- The container is heavy since it's required to hold up to 70 bar pressure.
- This heavy weight makes it difficult to move and operate.



Ceasefire's made a massive breakthrough in tackling the CO₂'s weight issue by successfully manufacturing aluminium bodies.



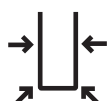
Thanks to Ceasefire's switchover to aluminium bodies, Ceasefire's new CO₂ aluminium-bodied extinguisher range is lighter and more portable.



Corrosion and tamper-free.



Produced by the extrusion method rather than spinning of steel pipes.



This makes them far sturdier than the industry-used steel cylinders.

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