

# Presenting the game changing Watermist Technology



**THAT IS REVOLUTIONISING THE CONCEPT  
OF FIREFIGHTING AROUND THE WORLD.**

# THE FIRE EXTINGUISHER AT YOUR PREMISES AN AID OR AN OBSTACLE IN THE FIGHT AGAINST FIRE?



A fire extinguisher is an essential equipment for any premises to safeguard life & property against fire.

However, one peculiar aspect associated with fire extinguishers is the fact that they seldom see action. Fortunately fire does not occur very often. Largely, fire extinguishers stay as passive commodities in the background at every premises. This is a big reason why the real challenges that surround firefighting with an extinguisher stay hidden and unknown for most people.

In a fire emergency when commonly used, ABC powder or CO<sub>2</sub> based fire extinguishers are put to use, there are not one, but multiple challenges and obstacles that raise their dangerous hood simultaneously, and make firefighting extremely difficult.



In a panic-stricken fire scenario when you fire an extinguisher, suddenly there is a toxic cloud of chemical powder in the air reducing visibility in the fire zone and may leave the person fighting fire suffocated and panting for breath. The problem of suffocation is particular high with the CO<sub>2</sub> based extinguishers. In addition, these extinguishers are extremely heavy and difficult to maneuver, cause static charge (electric shock) and freeze burn to the person using it, just at the most crucial moment of fighting with fire.

These problems associated with traditional extinguishers severely hamper their user's ability to carry out firefighting effectively.



These extinguishers make the primary task of putting out the flames itself so very challenging, that no one even considers controlling the secondary fallouts of collateral losses like damage to the sensitive equipment, food products, fixtures and furniture and how the immediate surroundings get ruined by discharge of the ABC powder in the fire zone.

This has been like it all through the years and the problem persisted...

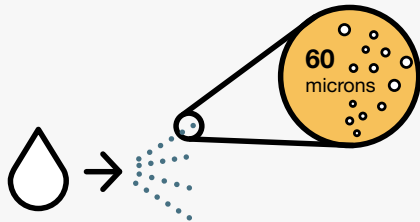
**Not any longer!**

**Ceasefire introduces its cutting edge, Watermist Technology that is truly revolutionizing the concept of fire fighting.**



# PRESENTING THE REVOLUTIONARY WATERMIST TECHNOLOGY

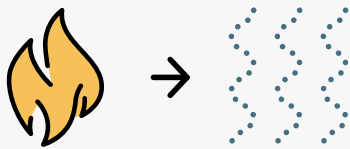
With the Watermist technology, we altered the very DNA of water to make it retain all its positives with respect to firefighting, and shed all the negatives. In Watermist, the mist comprising of miniscule droplets of water evaporate completely when administered in the fire zone, rapidly bringing down temperature and blocking the entry of oxygen and douses the flames.



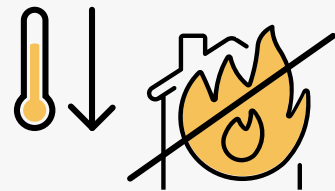
This pioneering technology breaks water down into a fine mist of less than 60 microns.



This mist is then thrown at the fire with an optimal kinetic force, covering a large surface area.



As soon as the mist comes in contact with the fire, it instantly turns into steam, increasing its volume 1600 times over.



The steam envelopes the flames, cutting off the oxygen supply and reducing the temperature to below combustion level. This ensures that even the largest fire succumbs to Watermist.

## WATERMIST- A TRULY VERSATILE EXTINGUISHING AGENT

A,B,C,F,≠



The agent is so versatile that it can be safely used in putting out all classes of fires including A, B, C even cooking oil fires (F) and the most challenging electrically started fires as the fine water droplets in the mist retain no conductivity at all.



Being pure water that completely evaporates in the fire zone, it causes absolutely no collateral damage to the surroundings, sensitive equipment, food products, or fixtures.



That's not all, where Watermist extinguishers truly score over the traditional ABC powder based extinguishers is because they create no obstacle for the fire fighter on account of reducing visibility in the fire zone or causing suffocation or any form of irritation.



Water being a natural element, causes no harm to the environment on any account. Hence is a totally green agent.



# HERE IS WHY YOU SHOULD CHOOSE WATERMIST EXTINGUISHERS OVER ABC POWDER & CO2 EXTINGUISHERS...

## Kills all types of Fires

Watermist effectively Fights all classes of Fires - A,B,C,F & Electrically Started Fires.

CLASS  
**B**



CLASS  
**A**



CLASS  
**F**



CLASS  
**E**



ABC Powder Fights A,B,C, and Electrically Started Fires. CO<sub>2</sub> gas on the other hand is only suitable for class B & C fires.

Colour references

- Watermist application
- Foam mist application
- ABC Powder application
- CO<sub>2</sub> application



Besides, being 100% green, Watermist causes no damage to equipment or the Earth. Making it absolutely safe for kitchens, sensitive equipment and, above all else, human lives.

## DOES NOT REDUCE VISIBILITY

Watermist does not reduce the visibility for the firefighter at the time of fighting with fire.



ABC Powder creates powder dust clouds on being administered on fire and reduces visibility in the fire zone.



## CAUSES NO SUFFOCATION

Watermist does not cause suffocation to the firefighter in indoor or outdoor environment applications.



ABC Powder is essentially fine granules of chemical powder. When administered in an enclosed environment may cause suffocation.



Excessive inhalation of CO<sub>2</sub> gas however, is extremely dangerous as it may cause intoxication leading to nausea, heart, brain and respiratory failure (called CO<sub>2</sub> narcosis) and sometimes may lead to a complete shut down of the human system.

## CAUSES NO IRRITATION

Being pure Water, Watermist is absolutely safe on humans and causes no irritation whatsoever to the firefighter.



ABC Powder being a strong chemical concoction may cause irritation to the human eyes, ears, skin, nose and lungs (hampers breathing). CO<sub>2</sub> gas due to its inherent nature does not only cause irritation but the consequences may get more severe when excessively inhaled.



## CAUSES NO THERMAL SHOCK

**Watermist causes no thermal shock when used on fire in a premises where there are a lot of glass fixtures.** Glasses are particularly prone to cracking and breakage due to thermal shock.



In modern day buildings where glass is used excessively in both, permanent as well as soft fixtures and furniture, this is a huge advantage.

In many establishments such as factories, offices, hospitals, datacentres, pathology labs and research centres where highly sensitive electronic equipment and machines are used, such equipment are highly prone to damage due to thermal shock if suddenly cooled in the process of firefighting.



## CAUSES NO COLLATERAL DAMAGE

Watermist leaves absolutely no residue while firefighting. Hence there is Zero collateral damage.



ABC Powder leaves residue and causes Collateral Damage.



## SAFE ON SENSITIVE EQUIPMENT

**Watermist kills fire by way of total evaporation in the fire zone, leaving no residue.** Hence it is safe on sensitive equipment and causes no damage to them.



ABC Powder forms a fine crust (rigid layer) on the surface to kill fire. In the process damages the sensitive equipment.



## FOAM MIST VERSION FOR CLASS B FIRES

**Watermist with its Foam mist version acts as a superb agent for areas where risk of class B fire is high.** This foam application in watermist gives a far superior coverage and firefighting power for class B fires, when compared to conventional foam extinguishers.



ABC powder puts out the Class B fires after excessive application when total blanketing effect is achieved.

## ZERO DOWNTIME

Watermist kills fire by total evaporation and hence requires no clean up after being administered on fire. Hence it ensures zero downtime.



ABC Powder leaves a messy residue after being put to use in a fire zone and takes a long time to clean up the place after putting out the flames.





## DOES NOT HARM THE ENVIRONMENT

Watermist being pure water does not contain any harmful chemicals or toxins and is therefore absolutely environment friendly.



ABC powder is a strong chemical concoction and may harm the environment and immediate surroundings.

## GREAT AGENT FOR CLASS F FIRES

**Watermist that kills fire by way of total evaporation in the fire zone, heat absorption and blocking of oxygen in the fire zone,** is safe and very effective to kill class F (superheated cooking oil) fires.



ABC Powder cannot be used to put out superheated cooking oil (Class F) fires.

## NOT A SINGLE OPERATIONAL NEGATIVE OF THE CO2 EXTINGUISHER

Watermist extinguishers do not pose a single operational challenge as compared to CO2 based extinguishers.



CO2 extinguishers are extremely heavy and difficult to maneuver, cause electric shock (called static) and freeze burns to the person using the extinguisher, at the most crucial moment of firefighting.



## SAFE, LOW WORKING PRESSURE

Watermist extinguishers are pressurized for a working pressure of 15 bar only. Hence are absolutely safe to be present at your premises, permanently.



CO<sub>2</sub> based extinguishers are pressurized at extremely high pressure of 70 bar. There are so many instances on record of CO2 extinguishers bursting accidentally causing fatal explosions.

# INVEST TODAY IN THE TECHNOLOGY OF TOMORROW.

Watermist is fast emerging as the smartest fire fighting alternative for establishments the world over who keep the safety of life and property on highest priority.

Ceasefire's Watermist based extinguishers and systems today meet the most stringent tests & standards criteria laid out by the most reputed quality agencies in the world. Ceasefire Watermist extinguishers range is today certified by BIS, BSI, BRE, Eurocert & ERDA





Download the Ceasefire app.



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