WE’RE PUTTING FIREFIGHTING ON AUTO-PILOT

CEASEFIRE LAUNCHER: Extinguisher + Suppression System
IN A FIRE SITUATION, YOUR FIRST REACTION IS TO RUN.

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.

But what if this product doesn’t exist anywhere in the world? It does. Ceasefire innovated and built it.
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.

Presenting Launcher - The world's first extinguisher that does a firefighter's job, and more.

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 60°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.
The Launcher as an Auto-Pilot System:
The Launcher is the first of its kind extinguisher in the world, armed with two heat sensor 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

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.
FEATURES AND BENEFITS OF THE CEASEFIRE LAUNCHER

Deep Drawn Body:
The shell of the Launcher is made using deep drawn process. The decrease in welding seam makes it leak proof and allows it to attain high burst capacity.

Convenient Handle:
The handle allows the firefighter to use the extinguisher with ease. It also helps at the time of the extinguisher being launched at the fire.

Unique Discharge Mechanism:
Fitted with a thermal activation device, it ensures a 360 degree discharge for optimum suppression effect.

Self-Actuation:
Since the Launcher can be self-actuated, it enables safe evacuation, eliminates the fire and stands guard at high fire risk areas.

Two Heat Sensors:
Armed with two heat sensors, that pick up temperatures over 60°C, activating the system automatically as a suppression system.

Easy Snap Safety Seal:
This seal ensures that the extinguisher has not been tampered with, and is ready for use in the event of a fire.

State-of-the-art Pressure Gauge:
If the pressure needle is in the green zone, it indicates that the extinguisher is in perfect working condition.

Hydrastatic Pressure Testing and Helium Leak Detection Test:
This ensures that your Launcher performs perfectly. Because when it comes to a fire, there are no second chances.

EPDM Rubber Hosepipe:
This durable, long-lasting pipe doesn’t develop any cracks due to wear and tear.

Conforms to ISI Standards:
Meets and conforms to ISI standards.

Works on All Classes of Fire:
In a fire situation, there is no time to think about which extinguisher to use on which kind of fire. The Launcher can be used on any kind of fire, making it a truly versatile firefighter.
THE LAUNCHER IS QUICK AND EFFECTIVE

Powered by MAP 90, the Ceasefire Launcher is effective against all classes of fire. MAP 90 ensures that 90% concentration of Mono Ammonium Phosphate is available to fight the flames, maximising the extinguisher's firefighting power. In fact, it’s the highest MAP available in the industry.
Offices:
While offices are buzzing with activity during the day, most lie empty from the evening till the next morning, staying closed for 12-14 hours a day. The Launcher’s auto-detection and activation feature allows it to fight a fire on these premises, even when no one is around. In case of fires during the day, the staff can simply launch the extinguisher at the flames and rush to safety.

Schools and Hospitals:
Schools are filled with little children, unable to fight fires and prone to panic. While in the case of hospitals, the patients are too frail to engage in firefighting. Placed at strategic places on the premises, the Launcher forms a first layer of protection and fights fires on its own. Allowing the staff in both institutions to focus their attention on the people and not the flames.

Garment Showrooms and Godowns:
Fires in deserted areas such as warehouses, and storage areas, or in garment stores where there is a lot of material to fuel the fire on can be undetected till all the goods stored inside are completely destroyed. These fires can easily spread to adjacent storage areas. The Launcher is ideal to combat these blazes, taking on the fire on its own.

APPLICATION AREAS
The Launcher is ideal for almost any area. The ease and versatility with which it switches from one system to the other, allows for quick, efficient firefighting, no matter where, no matter when.
Factories and Manufacturing Set-ups:
A large number of production lines require the presence of fire for manufacturing. These factories face a higher fire risk than others. The Launcher can quickly launched at these fires to battle the flames while people vacate the premises.

Malls:
Strategically placed, the Launcher provides a protective first layer. It auto-protects small environments, like individual stores, and can prevent fire from spreading.

Petrol Pumps:
Fires involving fuel can get out of control in no time. The heat generated from these fires doesn’t allow the firefighter to get close to the flames to fight the flames. In these instances, the Launcher comes to the rescue, allowing the firefighter to throw the extinguisher into the big fire and control the fire situation.

Paint Factories:
Especially vulnerable to big fires, the Launcher works on paint fires, bringing them under control in no time at all.

The Launcher is an apt replacement for all conventional fire extinguishers, because of its unique self-detection and activation feature that makes a passive extinguisher active automatically.
TECHNICAL SPECIFICATIONS

4 kg

6 kg

9 kg
<table>
<thead>
<tr>
<th>Gross Weight</th>
<th>Launcher - 4Kg</th>
<th>Launcher - 6Kg</th>
<th>Launcher - 9Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Empty Weight</td>
<td>8.41 KG</td>
<td>11.1 KG</td>
<td>16 KG</td>
</tr>
<tr>
<td>Total Height</td>
<td>495 MM</td>
<td>535 MM</td>
<td>670 MM</td>
</tr>
<tr>
<td>Diameter of Container</td>
<td>140 MM</td>
<td>160 MM</td>
<td>175MM</td>
</tr>
<tr>
<td>Discharge time</td>
<td>13 Secs</td>
<td>15 Secs</td>
<td>23 Secs</td>
</tr>
<tr>
<td>Discharge Mechanism</td>
<td>Controllable &amp; Automatic</td>
<td>Controllable &amp; Automatic</td>
<td>Controllable &amp; Automatic</td>
</tr>
<tr>
<td>Range:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Manual Mode</td>
<td>4 Meters</td>
<td>5 Meters</td>
<td>5 Meters</td>
</tr>
<tr>
<td>Automatic mode</td>
<td>3.30 Square Meter</td>
<td>5.88 Square Meter</td>
<td>9.29 Square Meter</td>
</tr>
<tr>
<td>Applicable on</td>
<td>Class A,B,C and electrically started Fire</td>
<td>Class A,B,C and electrically started Fire</td>
<td>Class A,B,C and electrically started Fire</td>
</tr>
<tr>
<td>Fire Rating as per EN3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Rating</td>
<td>13A</td>
<td>21A</td>
<td>27A</td>
</tr>
<tr>
<td>B Rating</td>
<td>70B</td>
<td>113B</td>
<td>144B</td>
</tr>
<tr>
<td>Fire Rating as per BIS</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Rating</td>
<td>2A</td>
<td>4A</td>
<td>4A</td>
</tr>
<tr>
<td>B Rating</td>
<td>70B</td>
<td>113B</td>
<td>144B</td>
</tr>
<tr>
<td>Can Construction</td>
<td>Deep drawn &amp; MIG welded</td>
<td>Deep drawn &amp; MIG welded</td>
<td>Deep drawn &amp; MIG welded</td>
</tr>
<tr>
<td>Valve Construction</td>
<td>Forging &amp; Machining</td>
<td>Forging &amp; Machining</td>
<td>Forging &amp; Machining</td>
</tr>
<tr>
<td>Internal Coating of Can</td>
<td>Epoxy Powder coating</td>
<td>Epoxy Powder coating</td>
<td>Epoxy Powder coating</td>
</tr>
<tr>
<td>External Coating of Can</td>
<td>Epoxy Polyester Powder coating</td>
<td>Epoxy Polyester Powder coating</td>
<td>Epoxy Polyester Powder coating</td>
</tr>
<tr>
<td>Tests</td>
<td>Helium Leak Detection</td>
<td>Helium Leak Detection</td>
<td>Helium Leak Detection</td>
</tr>
<tr>
<td>Sheet metal thickness</td>
<td>1.60MM</td>
<td>1.60MM</td>
<td>2.00MM</td>
</tr>
<tr>
<td>Certifications</td>
<td>Conforms to IS:15683 and EN:3</td>
<td>Conforms to IS:15683 and EN:3</td>
<td>Conforms to IS:15683 and EN:3</td>
</tr>
<tr>
<td>Warranty</td>
<td>5 Years</td>
<td>5 Years</td>
<td>5 Years</td>
</tr>
<tr>
<td>Material of Hose</td>
<td>EPDM</td>
<td>EPDM</td>
<td>EPDM</td>
</tr>
<tr>
<td>Length of Hose</td>
<td>500MM</td>
<td>500MM</td>
<td>750MM</td>
</tr>
<tr>
<td>Can Construction Material</td>
<td>Mild Steel</td>
<td>Mild Steel</td>
<td>Mild Steel</td>
</tr>
</tbody>
</table>
CEASEFIRE DESIGN CELL:

Because no two premises are alike, before the Ceasefire Launcher can be installed the Ceasefire’s Design Cell steps in.

Functioning as a single touchpoint for all safety and security needs, the Design Cell is manned by fire experts and managers with years of experience in fire safety under their belts. First, the team gauges the size of the area to be protected and applies a scientific formula to determine the ratio of MAP 90 and Launchers required to battle flames in the event of an emergency. Only then does the Installation Team take over and set up the products in the premises. Creating a modular based suppression system that doubles as standalone extinguishers and triples as a product that can be launched at the fire and activates automatically.

The Ceasefire Team also trains you and your staff to use the fire safety system. Post installation, the Service Team maintains and services the system through Intensive Ceasefire Care Unit (ICCU).

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

CEASEFIRE NOW
360° lifesaving fire and safety solutions. More than 3,000 new customers a month. A product sold every 61 seconds. A life saved every 9 minutes. Presence in over 300 cities and towns. Backed by a team of more than 2,000. 400 lifesaving products – from green fire extinguishers that can tackle any kind of fire to a state-of-the-art 3-tier security system that’s one of the most foolproof systems in the world – Ceasefire has it all. We’re equipped and ready to protect your premises.