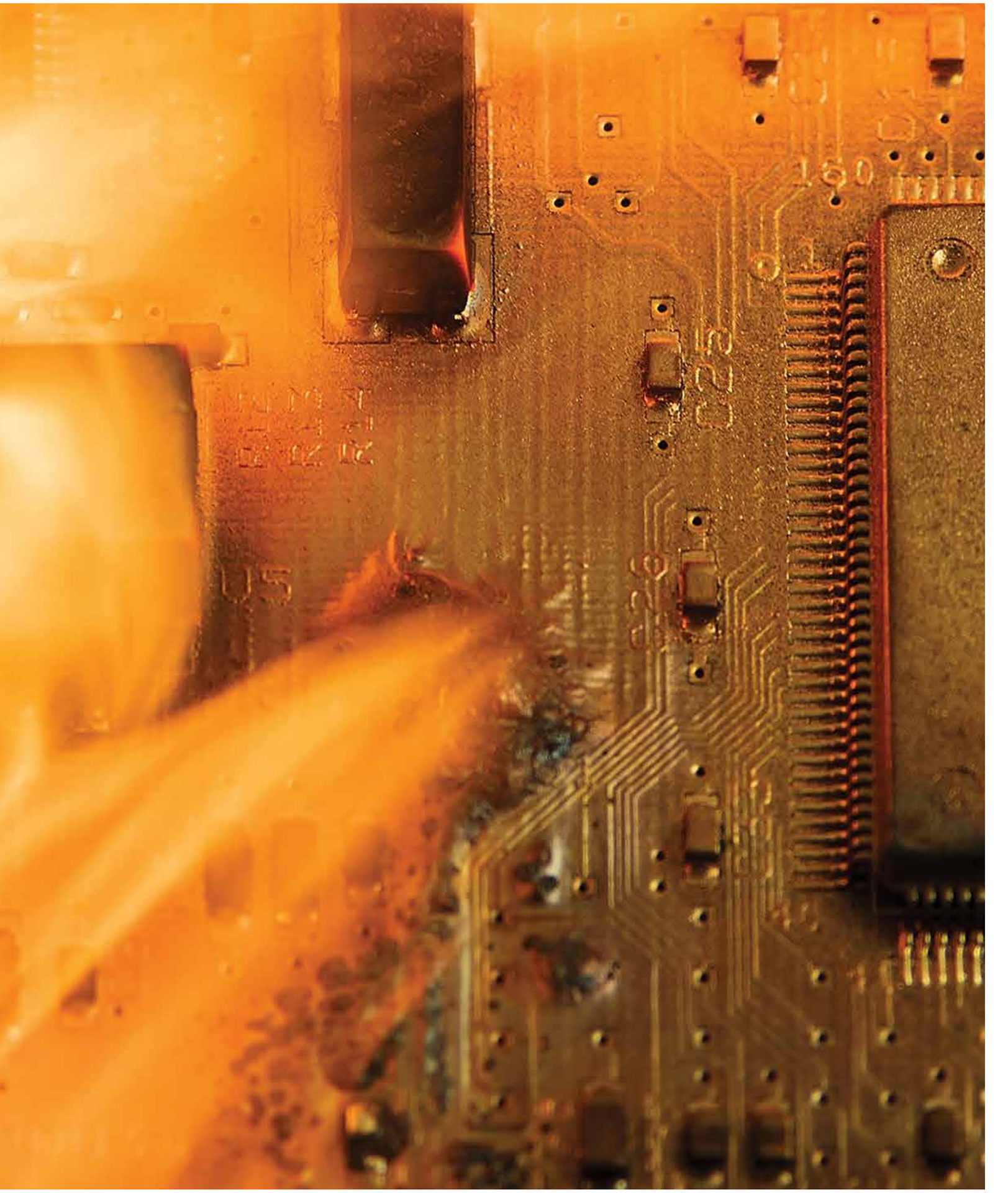
THE BIGGEST, SMALLEST FIREFIGHTER.

CEASEFIRE MINI

Suppression System



BEHIND EVERY FIRE ARE A FEW USUAL SUSPECTS.

Anyone who's ever been in a fire situation agrees: fire is the biggest foe. Mercilessly ruining everything in its path; be it expensive electronics, mementos or human life. But even the biggest of fires start small, and in an overwhelming majority of cases, experts can trace their origins to tiny enclosed areas, like an electrical cabinet with old wiring or a fuse box.

The only solution is to catch the fire in its nascent stage by guarding these enclosed areas, so that it doesn't stand a chance of becoming big. Although advanced suppression systems that can detect and kill the fire exist in the market, they are not designed to protect microenvironments like electrical appliances, MCB (Miniature Circuit Breaker) panels or enclosed machinery.

What you need is an ultra-small suppression system that's unobtrusive and can take on a fire the moment it starts.

HELLO, **MINI!**

Introducing the Ceasefire Mini, the biggest, smallest suppression system in town; and proof that some of the best things do come in small packages.

The Mini is a state-of-the-art microenvironment suppression system designed by Ceasefire. The size of your palm, it sits snugly inside small enclosed spaces that are vulnerable to fire. When the temperature of the microenvironment exceeds a preset limit, the Mini swings into action and automatically extinguishes the fire.

Place it inside your server. Pop it in the fuse box. The Mini fits anywhere, and protects everywhere!

EVOLVED TO PROTECT
At Ceasefire, our products have evolved to take the fight to the fire. First, came simple home extinguishers. Then, complete flooding systems followed by advanced suppression systems. And now, the Mini, the smallest firefighter that takes on a fire the moments it starts.

TYPES OF CEASEFIRE MINI

Ceasefire has designed a Mini to protect practically every kind of microenvironment, including those that cannot be reached by humans.

Mini – Intuitive System

The Mini – Intuitive System is a direct suppression system which protects the microenvironment from inside. Place it inside or attach it to the inner wall of the microenvironment, and the Mini is ready to protect.

Mini – Adaptive System

The Mini – Adaptive System is an indirect suppression system designed for those microenvironments which are too small to even accommodate a Mini, let alone other firefighting systems. In this case, the Mini container is installed outside, with its heat-sensitive glass bulb inside the microenvironment.

COMPONENTS OF THE MINI

Heat-sensitive Glass Bulb:

The Mini's heat-sensitive glass bulb acts as the heat detector. In case the temperature inside the microenvironment rises beyond a preset level, the glass bulb breaks to activate the system. In the Intuitive System, the glass bulb is attached to the main container while in the Adaptive System, it is attached to a stainless steel barrel which extends from the container.
Ceasefire has designed 3 types of glass bulbs depending on the temperature conditions of the microenvironment to be protected:

- 57°C – Ideal for electrical cabinets in areas where the temperatures are low, like air-conditioned workplaces, hospitals, server rooms, etc.
- 63°C – Ideal for electrical cabinets where the temperature is moderate, like non-AC offices, factories, garages,etc.
- 93°C – Ideal for electrical cabinets where temperatures are high, like welding units, manufacturing setups.

Stainless Steel Container:

The Mini's container is a seamless piece of stainless steel that is corrosion resistant. Depending on the amount of extinuishing agent, there are three variants of the Mini container: 100g, 200g, 300g, 400g and 500g.
A ball valve sits on top of the container. This ball valve is available in Intuitive and Adaptive variants.

Stainless Steel Barrel:

The Adaptive System has an option of attaching a stainless steel barrel between the glass bulb and the container to extend the Mini deep into unreachable spots. When the glass bulb breaks, the extinguishing agent passes through the barrel and out of the broken glass bulb.
The barrel is available in three sizes: 100mm, 150mm and 200mm.

Pressure Gauge:

The Mini's state-of-the-art pressure gauge tells you that the extinguishing agent is under optimum pressure and the Mini is in top working condition.

Installation Mounts:

The Ceasefire Mini is attached to the wall of the microenvironment by means of mounts. There are two types of Mini mounts: Standard Installation Mount and Busbar Installation Mount.

FEATURES AND BENEFITS

Ease of Use:
Being automatic, the Mini requires no prompt to start firefighting.

Fits Anywhere:
The Mini can easily fit into the spots that are most prone to fire.

Electronics-friendly:
The Mini is filled with clean agent HFC 227ea that cause no damage to your electronics.

Maintenance-free:
The Mini comes with 5 years warranty and the assurance of no leakage.

Easy to Install with 2 Mounts:
The Standard and Busbar mounts make installation a breeze.

Self-actuation:
Since the Mini is self-actuated, it spots the fire and protects even when no one is around.

No Power Supply Required:
The Mini uses a mechanical release mechanism to start firefighting.

Works on All Classes of Fire:
The Mini can be used on any kind of fire, making it a truly versatile firefighter.

Different temperature settings:
Mini variants are available for 3 heat thresholds – 57°C, 63°C and 93°C.

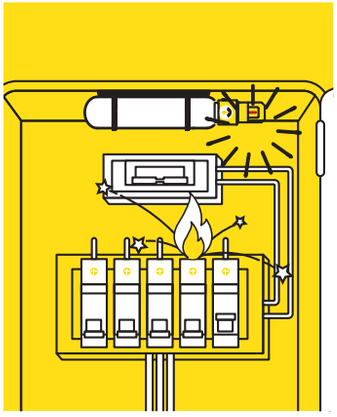
Protects all Microenvironments:
Available as an Intuitive or Adaptive System, the Mini protects everywhere.

Heat-sensitive Glass Bulb:
The Mini's glass bulb acts as a heat sensor that detects a rise in surrounding temperature.

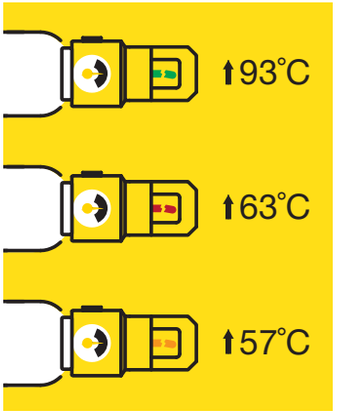
TECHNOLOGY MEETS DESIGN IN THE HANDY **CEASEFIRE MINI.**

Built to protect microenvironments, the Ceasefire Mini automatically kicks into action in a fire situation.

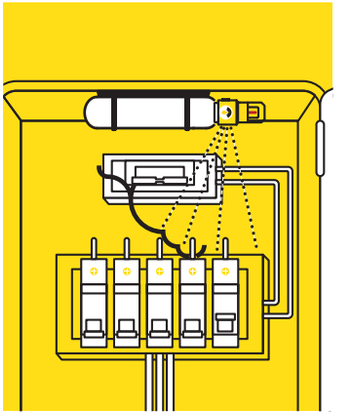
INTUITIVE SYSTEM



Stage 1:
A fire sparked by a short circuit causes the pressure inside the Mini's glass bulb to increase.

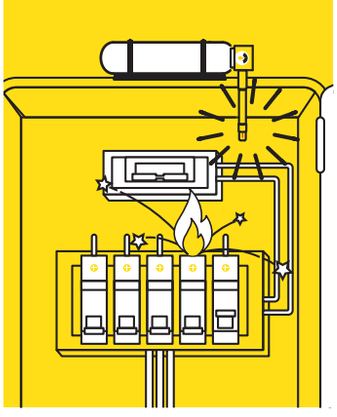


Stage 2:
The very second the temperature rises beyond a point, the bulb breaks and activates the system.

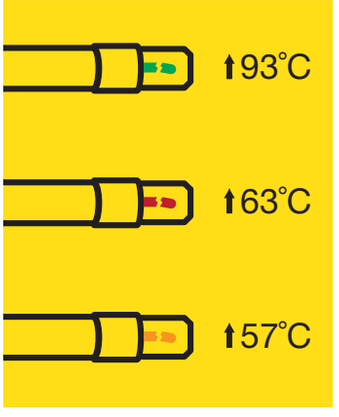


Stage 3:
Instantly, the extinguishing agent is dispersed, killing the fire in its early stages.

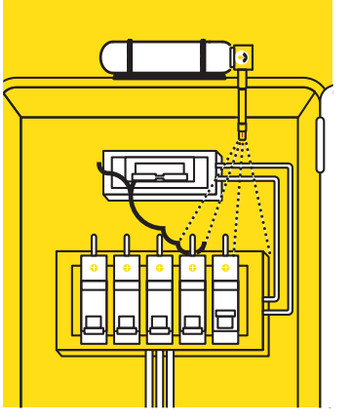
ADAPTIVE SYSTEM



Stage 1:
A fire sparked by a short circuit causes the pressure inside the Mini's glass bulb to increase.



Stage 2:
The very second the temperature rises beyond a point, the bulb breaks and activates the system.



Stage 3:
Instantly, the extinguishing agent is dispersed, killing the fire in its early stages.

The green Ceasefire Mini is available in clean agent HFC 227ea. This causes no collateral damage to your electronics or the Earth, making the Mini absolutely safe.

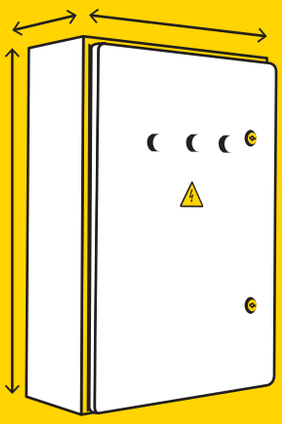
CEASE
FIRE

Mini Suppression System.

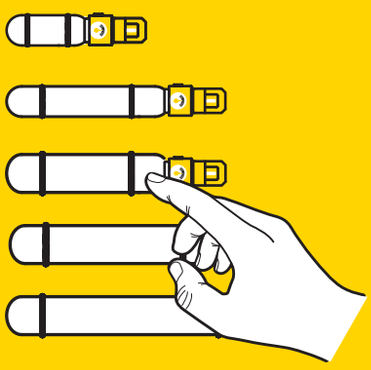
ZERO HASSLES.

Fitting the Mini is as easy as 1-2-3. It's the only suppression system in the market which you can install without any help or technical support.

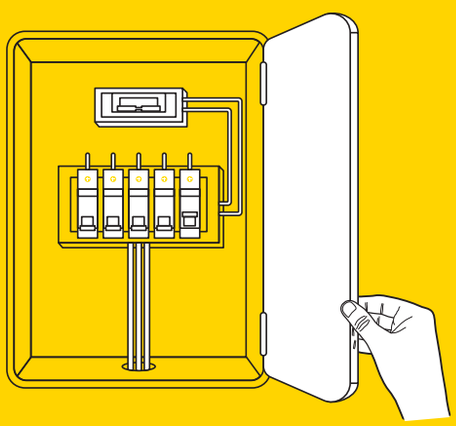
INSTALLING THE MINI - INTUITIVE SYSTEM



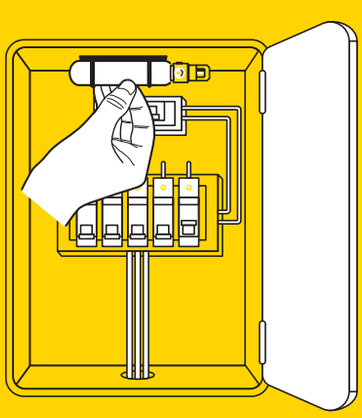
Step 1:
Measure the approximate volume of the enclosure you want to protect.



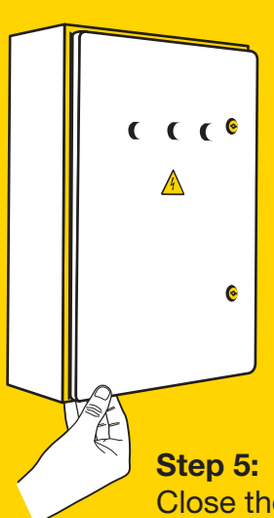
Step 2:
Choose the right variant of the Mini - Intuitive System.



Step 3:
Open your electrical cabinet, AHU or machinery.

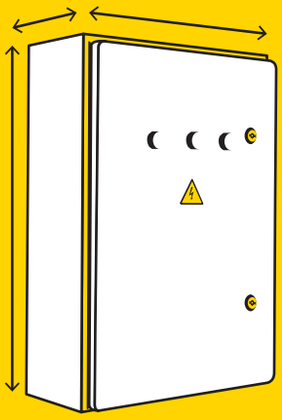


Step 4:
Place the Mini inside, vertically or horizontally. In case of large enclosures, you could screw its bracket to the wall inside and place the Mini on it.



Step 5:
Close the enclosure.

INSTALLING THE MINI - ADAPTIVE SYSTEM



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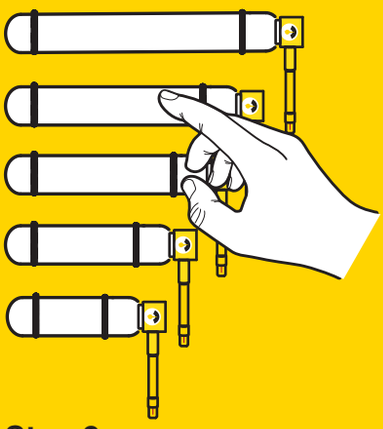
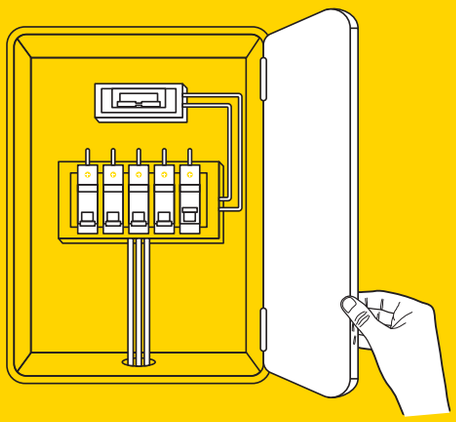
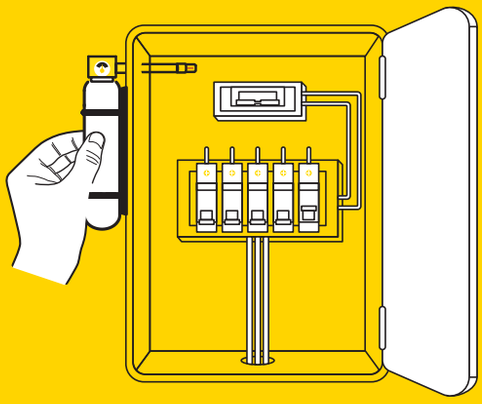


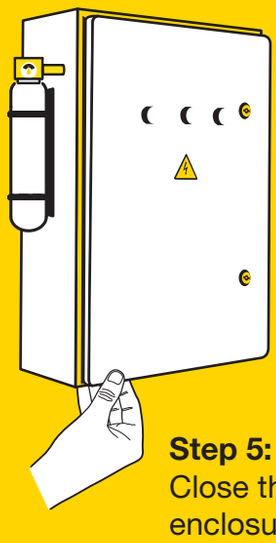
Step 2:
Choose the right variant of the Mini - Adaptive System.



Step 3:
Drill a hole in the wall of your electrical cabinet.



Step 4:
Place the Mini on the outside such that the barrel passes through the hole and the heat-sensing bulb is inside the cabinet.



Step 5:
Close the enclosure.

APPLICATION AREAS

The Mini is built to protect electrical cabinets of all kinds in homes, offices, factories, schools and hospitals.

Offices and Data Centres:

With several workstations and computers, some running round-the-clock, offices and data centres are at a high risk of fire. A Mini sitting unobtrusively inside the office's busy electrical cabinet can detect a fire and extinguish it before it destroys your workplace and data. Besides, being powered by clean agent gas, it doesn't cause any discomfort and lets your staff continue working.

Homes:

Electrical cabinets and MCBs (Miniature Circuit Breakers) are blind spots in most houses, as the only time you look at them is when there is no power or when a switch trips. The Mini is built precisely for such an environment. Place it inside the cabinet and forget about it. Whether it's a short circuit or overheating, the Mini will take care of it.

Factories:

Old wiring. Irregular maintenance. A huge consumption of electricity. Electrical cabinets in factories are hotspots of fire, literally. Our tech team will help you determine how many Minis are required to protect the electrical cabinet in your factory so you can stop a fire before it ruins your business.

Schools:
Schools also consume a humungous amount of power, making their electrical cabinets high risk areas. Add to that the responsibility of managing thousands of students and suddenly, it has all the makings of a major mishap. This is why auto detection of fires is important. And nothing does it better than Minis placed in the electrical cabinets.

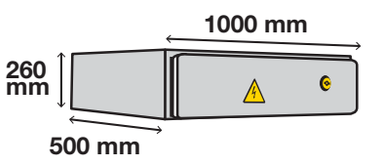
Hospitals:
At any point of time, hundreds of patients undergo treatment in a hospital. There are complex scanning machines and labs to test these patients. Put together, all this leads to large power consumption. Minis cut the panic involved in a fire situation by automatically killing fires in the hospital's electrical cabinets.

WHICH **MINI** VARIANT SHOULD YOU CHOOSE?

If there is a microenvironment in need of protection, you can be sure there is a Mini for it. Depending on the volume of the space you're protecting, Ceasefire has designed 5 variants of the Mini. Here's how you can find the one most suited to your requirements.

Mini 100 Gms

Weight: **100 Gms**
Concentration: **9.5**
Volume in M^3: **0.130**

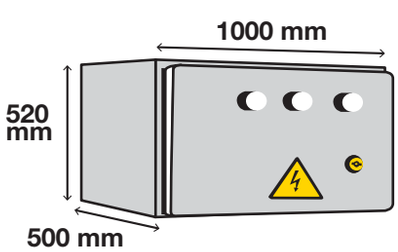


Suitable for sizes with volume in M^3 (0.130)

	Height in mm	Width in mm	Depth in mm
Type 1	260	1000	500
Type 2	520	500	500
Type 3	540	600	400
Type 4	800	650	250

Mini 200 Gms

Weight: **200 Gms**
Concentration: **9.5**
Volume in M^3: **0.260**

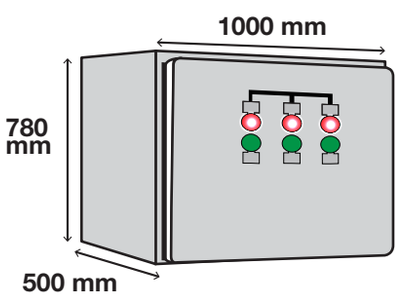


Suitable for sizes with volume in M^3 (0.260)

	Height in mm	Width in mm	Depth in mm
Type 1	520	1000	500
Type 2	650	800	500
Type 3	750	870	400
Type 4	850	770	400

Mini 300 Gms

Weight: **300 Gms**
Concentration: **9.5**
Volume in M^3: **0.390**

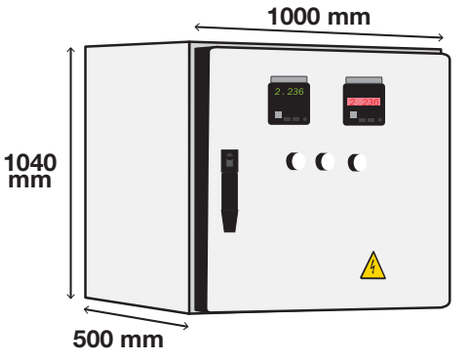


Suitable for sizes with volume in M^3 (0.390)

	Height in mm	Width in mm	Depth in mm
Type 1	780	1000	500
Type 2	1000	980	400
Type 3	1200	1070	300
Type 4	1100	890	400

Mini 400 Gms

Weight: **400 Gms**
Concentration: **9.5**
Volume in M³: **0.520**

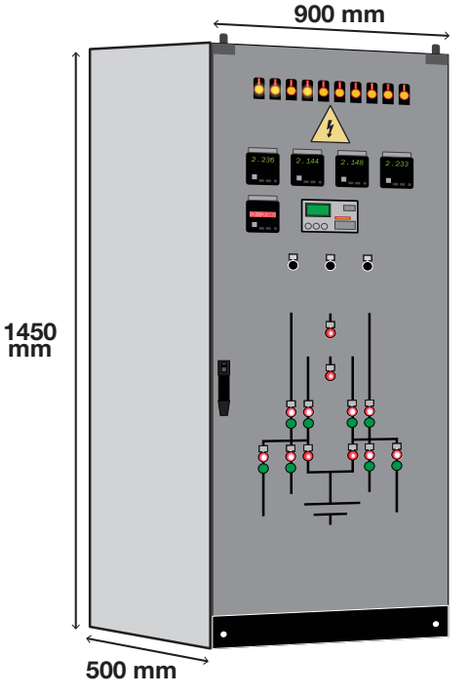


Suitable for sizes with volume in M³ (0.520)

	Height in mm	Width in mm	Depth in mm
Type 1	1040	1000	500
Type 2	1100	945	500
Type 3	1200	750	575
Type 4	1500	600	575

Mini 500 Gms

Weight: **500 Gms**
Concentration: **9.5**
Volume in M³: **0.653**

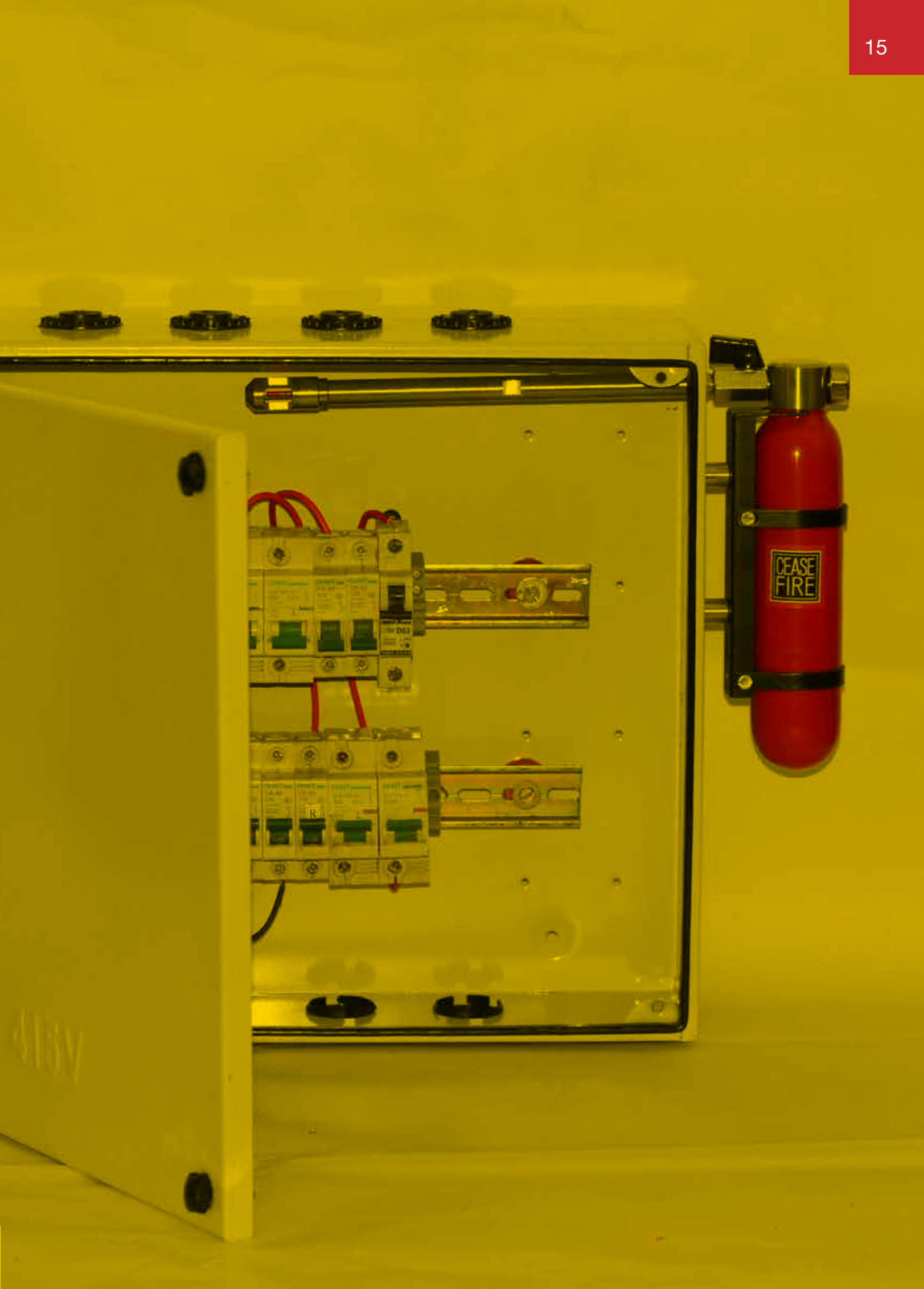


Suitable for sizes with volume in M³ (0.653)

	Height in mm	Width in mm	Depth in mm
Type 1	1450	900	500
Type 2	1920	850	400
Type 3	2175	600	500
Type 4	2200	740	400

CEASEFIRE NOW

360^0 lifesaving fire and safety solutions. More than 3,000 new customers a month. 2 lakh blue chip clients. A product sold every 61 seconds. A life saved every 5 minutes. Presence in over 300 cities and towns. Backed by a team of more than 2,000. 400 lifesaving products – from green fire extinguishers that can tackle any kind of fire to 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. No matter how small or big.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