



ULTRA-COMPACT FIRE EXTINGUISHER **FAQ's**

IS THE ULTRA-COMPACT FIRE EXTINGUISHER AFFECTED BY EXTREME WEATHER & CAN IT GET WET? CAN I STORE IT IN MY CAR?

The Ultra-Compact Fire Extinguisher has been tested to work effectively in temperatures from -140F to +320F. Moreover, The Ultra-Compact Fire Extinguisher's solid construction and no moving parts makes it unaffected by harsh environments or humidity. The Ultra-Compact Fire Extinguisher can safely be stored in damp and wet environments, provided that the yellow cap covering the tip remains present allowing the tip to remain dry.

The Ultra-Compact Fire Extinguisher can safely be stored in vehicles that are based in hot climates.

IS THE GAS SAFE TO BREATHE?

The Ultra-Compact Fire Extinguisher's discharge is safe to breathe and is both non-corrosive and non-toxic. General safe practices are always recommended and the discharge should not be aimed at a person's face.

DOES THE ULTRA-COMPACT FIRE EXTINGUISHER MAKE A MESS LIKE A TRADITIONAL EXTINGUISHER?

The Ultra-Compact Fire Extinguisher's discharge gas is totally clean and will not leave any residue. During discharge a chemical reaction does take place which occasionally expels a trace amount of soot from the casing. Even in the most extreme instance, the net total of discharge is so minuscule compared to a traditional extinguisher that it is effectively considered to be non-existent. Beyond the clean nature of the discharge the Ultra-Compact Fire Extinguisher is non-corrosive, non-toxic, and environmentally safe.

HOW DOES THE ULTRA-COMPACT FIRE EXTINGUISHER WORK?

The Ultra-Compact Fire Extinguisher works by fighting fires on the molecular level. Its gas chemically interrupts the chain of combustion effectively extinguishing a fire without making any mess and without removing surrounding oxygen.

HOW DO YOU BEST APPROACH A FIRE WITH THE ULTRA-COMPACT FIRE EXTINGUISHER?

Unlike a dry chemical extinguisher that combats a blaze by depositing a large amount of solid powder on the fire, the Ultra-Compact Fire Extinguisher fights a fire by releasing a gas. This gas attaches itself to the oxygen surrounding the fire robbing its ability to stick to the chain of combustion (without affecting ones ability to breath that oxygen). The goal is therefore to use the gas coming out of the Ultra-Compact Fire Extinguisher to create a 'cloud of containment' around a fire. Creating a cloud that prevents any outside and un-attached oxygen from getting to the fire is essential and is the same strategy that should also be used with a Halon/Halotron or CO2 extinguisher.

Have fun in your garage!



The two worst things you can do when fighting a fire with a gas extinguisher is to be too close or to rush the process. Being very close to a fire means that a cloud cannot be formed blocking any new oxygen that will continue to feed the flame. This is particularly problematic in an isolated pan situation where being too close will only chase the flames around. Rushing the process by moving the extinguisher around a lot also prevents a cloud from being formed and diminishes the performance of the extinguisher.

The best technique is to take advantage of the long discharge time offered by the Ultra-Compact Fire Extinguisher and to approach a fire from a moderate distance progressively getting closer to its source. During the approach, move the extinguisher slowly around the fire always directing towards the center. This will contain the fire and allow the gas to do its job.

Tight areas with lots of pockets (like the engine bay of a car) brings out the strengths of the Ultra-Compact Fire Extinguisher as the gas, which is heavier than air, will fill all the voids not directly accessible; both putting out a fire and preventing a re-flash.

DOES THE ULTRA-COMPACT FIRE EXTINGUISHER REQUIRE SERVICE & DOES IT EXPIRE?

The Ultra-Compact Fire Extinguisher's solid construction, no moving parts, and lack of compressed gas (unlike a traditional fire extinguisher) means it will never need any service or upkeep. In addition, the solid chemical that makes up the Ultra-Compact Fire Extinguisher has no effective expiration date.

IS THE ULTRA-COMPACT FIRE EXTINGUISHER CERTIFIED?

Originating in Italy, the Ultra-Compact Fire Extinguisher has been certified for sale in Europe by CE and TUV. Institutionally, it has been tested and certified for use by multiple international military and police groups who have adopted it for active use.

In North America, Underwriters Laboratories (UL) is responsible for the certification of fire extinguishers. UL does their testing to a standard that contains a form (physical shape) component followed by a performance component. Because the Ultra-Compact Fire Extinguisher form does not fit inside of UL's guidelines of what a traditional fire extinguisher looks like (i.e. compressed gas cylinder with a hose and measurement gauge) it is immediately passed over for performance testing. At present, UL is being campaigned to update its standards to recognize the different form offered by the Ultra-Compact Fire Extinguisher and allow it an opportunity to be tested and certified.

Until the standards are updated the Ultra-Compact Fire Extinguisher cannot be used to substitute extinguishers in regulated environments that require a UL (or UL endorsed) certification. The Ultra-Compact Fire Extinguisher can however be freely used as an supplement to the extinguishers used where regulation exists.

There are no restrictions in non-regulated environments (car, home, personal garage, etc.) allowing the Ultra-Compact Fire Extinguisher to be used freely.

Have fun in your garage!



CAN THE ULTRA-COMPACT FIRE EXTINGUISHER BE SHIPPED OUTSIDE OF NORTH OR SOUTH AMERICA?

The Ultra-Compact Fire Extinguisher is certified for international transport by surface (land or sea) only. Any method of shipping that involves air (including personal or checked baggage on commercial aircraft) is prohibited by national and international safety regulations. For this reason we only ship the Ultra-Compact Fire Extinguisher by surface transportation methods and do not offer express shipping options.

HOW LARGE IS THE ULTRA-COMPACT FIRE EXTINGUISHER?

It is 30cm (11.75") long, 3.2cm (1.2") diameter & weighs 275 grams (0.6lbs).

WHERE IS THE ULTRA-COMPACT FIRE EXTINGUISHER MADE?

The Ultra-Compact Fire Extinguisher is designed and manufactured in Italy.

IS THE ULTRA-COMPACT FIRE EXTINGUISHER SAFE AROUND CHILDREN AND PETS?

The Ultra-Compact Fire Extinguisher discharges a non-toxic gas that will not harm children or animals. General safe practices are always recommended and the discharge should not be aimed directly at a child or animal.