

Lamethrower Tactical Fire Extinguisher

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Abstract

Normal fire extinguishers are inaccurate because they are fired from a hip position. They are also slow to use due to its complicated design. The LAMETHROWER is both fast and accurate, thanks to its rifle-like inspiration. Under stressful emergency conditions, it can be hard to use a fire extinguisher because of the lengthy process required to prime the fire extinguisher. The LAMETHROWER fixes these flaws by making a system that is fast and instinctive to use. Fire extinguisher manufacturers recommend users to spray in a sideways sweeping pattern. This is inefficient and wasteful because it uses much more fire retardant material than necessary. The LAMETHROWER fixes this by having a design that is easier to aim. The LAMETHROWER works by modifying a normal fire extinguisher. First, the nozzle is turned 90 degrees so that its line of fire is parallel to the axis of the cylinder that holds fire retardant material. A pistol-style grip is then added so that the LAMETHROWER can be easily held. A firing mechanism is attached from the grip to the front. These changes allow for the LAMETHROWER to be utilized like a rifle. After this, the LAMETHROWER receives Picatinny tactical rails on the top (and the bottom, if needed) to mount attachments such as scopes, red dot sights, tactical grips, lasers, or flashlights. All of these modifications allow for the user to more easily aim the LAMETHROWER to increase its fire fighting effectiveness.