

# FIT-5

## PRODUCT INFORMATION SHEET



### Product Overview

A new type of fire suppression tool, the FIT-5 is a compact, portable handheld device that knocks down even a fully involved fire in seconds. The FIT-5 contains an aerosol forming agent that, when activated, is rapidly dispersed as an extremely fine extinguishing agent. The agent interrupts the fire at the molecular level, without affecting oxygen levels, and rapidly reduces flame and temperature.

### FIT-5 Use and Benefits

The FIT-5 is intended for use in all types of interior fires. ARA Safety recommends that all first response vehicles be equipped with two FIT-5 units. In incipient stage fires, the FIT-5 may fully extinguish a fire without any water being applied. In fully involved fire situations, the FIT-5 will reduce or eliminate flame and lower temperatures by as much as 1000 degrees, making an interior attack safer for firefighters and overhaul easier. Less water and faster extinguishment mean less damage to property due to water and fire.

### Health and Safety

Although ARA Safety recommends that firefighters wear personal protective equipment and self-contained breathing apparatus, the aerosol powder is non-toxic and does not affect oxygen levels. The powder is composed primarily of potassium carbonate, and contains no sodium and no chlorine. The powder is safe for use near electronic and other equipment.

### Extinguishing Capacity

The FIT-5 has been tested by a nationally recognized laboratory and found to be effective on Class A, B and C fires in contained spaces. A single FIT-5 will completely knock down a fire in a 2100 cubic foot room, and will slow the spread of fire in much larger rooms. ARA Safety recommends that all fires be properly overhauled after deployment of a FIT-5, as Class A fuels will retain heat.

### Testing and Compliance

The aerosol powder produced by the FIT-5 is uniquely safe, non-toxic, non-corrosive, non-conductive and environmentally friendly. After thorough testing by nationally recognized laboratories, ARA Safety's handheld and installed Fire Interruption Technology products have been found to meet the following international standards:

- UL-2127 Standard for Inert Gas Clean Agent Extinguishers
- UL-711 Standard for handheld fire extinguishers when used in contained spaces
- ISO-TC 21/SC 8 N 225 – (Europe) Aerosol Fire Extinguishing Systems
- CEN TC 191 – (Europe) Condensed Aerosol Firefighting Systems

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