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STATE OF  
OPPORTUNITY  
Certified Service-Disabled  
Veteran-Owned Business

# DDCues

## FIRE PROTECTION



THIA systems are comprised of Autonomous Thermal Activity Detection - Suppression (ATAD-S) devices that are custom-installed directly within high-risk areas. These revolutionary solutions present added safety to previously unmet needs and eliminate fires in less than a second with a unique, heat-activated delivery system.

ALL product components are sourced and Made in the USA.

MORE THAN 100,000 THIA DEVICES HAVE BEEN IMPLEMENTED IN CRITICAL APPLICATIONS ACROSS INDUSTRIES, GLOBALLY—TO INCLUDE, BUT NOT LIMITED TO:



Onboard Aerospace and Aviation Ground Support Equipment



Energy Powerplants



Agricultural and Forestry Equipment and Land Management



Heavy Equipment of all kinds



Vehicles of all kinds including law enforcement and mass transit



Marine Vessels and Maritime Applications

**Installation versatility:** Devices are meant to be installed in confined areas or compartments that are not readily accessed or occupied. No external power source required for operation.

Can be used in mostly enclosed areas at risk of fires classified as A, B or C for multiple applications where there is thermal event risk. Common areas include: engine compartments, electrical distribution, hydraulic areas, etc.

**Service:** In the event of a deployment, the device may be replaced (by a certified service facility) with the same product part number after any potential repairs from the thermal event are completed. If the product never deploys, but is in the time window of "ambient fatigue" or shelf life. The device may be replaced easily with same part using existing mounting hardware.

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### How does THIA work?

The tube is filled with a clean gas agent by DuPont —FM-200™ and responds with increases in temperature in order to detect, suppress, stop, or even prevent fires from ever starting by activating at early stages of threatening thermal activity.

### Where can it be used?

In mostly enclosed areas at risk of fires classified as A, B, or C. Common areas include: engine compartments, electrical distribution, hydraulic areas; etc.

### Is THIA toxic or damaging if it is activated?

No—FM-200™ is a clean agent gas that is non-toxic and leaves no residue. It is used as a propellant in asthma inhalers, mace and pepper spray. It protects the United States Declaration of Independence.

### If a THIA device needs to be removed, for maintenance or repair, can it be re-installed?

THIA must be professionally installed and in such a manner that it does not impede the ability to perform maintenance or repairs. The tubes can be transferred or removed if/when it will go back into an area that is the same/similar after a repair.

### Does THIA require a power source (batteries, AC/DC, solar, etc.)?

No—THIA is completely self-contained and requires no power. It is heat-activated.

### Do THIA devices require maintenance?

THIA is a maintenance-free system, however we recommend an annual inspection.

### What is the proper disposal of a THIA device?

THIA devices are 100% recyclable and should be returned to the manufacturer.

