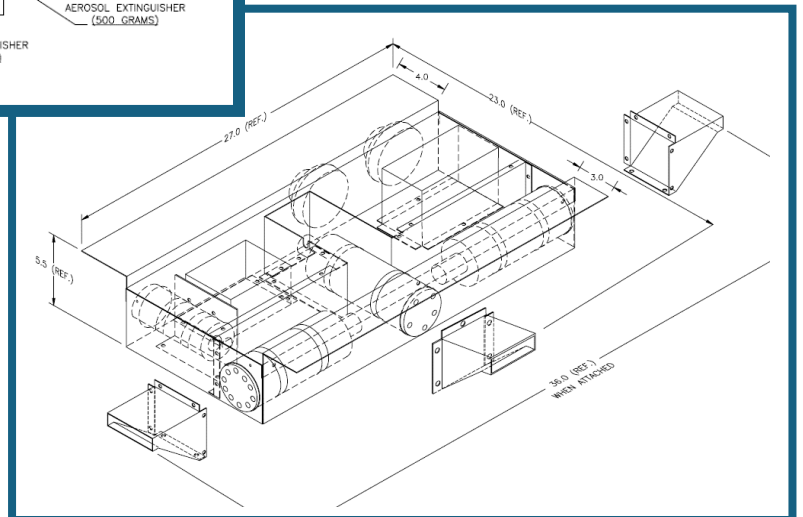


**INCREASED SAFETY**

**FIRE DETECTION**

**FIRE  
SUPPRESSION AND  
EXTINGUISHING**

**EARLY CREW ALERT**



**APPLICATIONS:**

Unit Load Devices	Electrical Cabinets
Aircraft Cargo Operations	Intermodal Shipping
Storage Cabinets	Control Rooms
Commercial / Military Aircraft	Power Stations
Warehouses	Drones
Plant Rooms	
Buses / Trains / Boats	
Renewable Energy (Wind Turbines)	
And more.....	

**ENVIRONMENTAL IMPACT:**

Aerosol Extinguishing Agent is **SNAP** Listed with:

**ZERO Ozone Depletion Potential**  
**ZERO Global Warming Potential**

The Appliance shown above discharges 1580 grams of aerosol extinguishing agent.

**DESCRIPTION:** The AAE FPS Appliance provides **increased safety, early crew alert, fire detection and/or fire suppression** to fire threats in un-monitored containers, rooms, cabinets, stations, or compartments.

- **Independent** and **Autonomous** operation
- Smoke Detection Response Time “within 60 seconds” to a small amount of smoke as described in FAA AC 25-9A and in AC 25-22, Paragraph 39 (§25.858)
- The Suppression Agent Discharge completely floods the containment area “Total Flood”.
- The Suppression Agent Amount can be sized to address the fire threat and size of any compartment.
- The Appliance can send and receive signals from separate monitoring stations and other sequential FPS systems.
- Rugged construction and Long Service Life
- Effective in suppressing Class A, Class B, Class C, Li-ion Battery Fires
- Powered by one 12-volt Lithium Iron Phosphate Battery.
- Self-activates when Aerosol Generating Solid Compound reaches 300°C (572°F)
- Total Discharge time between 5 seconds (Min.) – 10 seconds (Max.)

**OPERATION:** The FPS Appliance is equipped with two “Single Channel” smoke detectors. One detector provides the “A” loop; and the other detector provides the “B” loop. Each detector features one bi-colored LED for indication of status. In a normal standby condition, the LED **flashes “Green”** every 3 seconds. When the detector senses that its sensitivity has drifted outside the UL listed sensitivity window, the LED will **“flash Red”** every 3 seconds. When the detector senses smoke and goes into alarm, the status LED **“latches solid on RED”**. An alarm is indicated when “both” detector channels sense smoke. When an alarm is indicated by the detectors, a signal is sent to the FPS Appliance’s Control Panel. The Control Panel immediately (less than 5 seconds) discharges each of its aerosol containers. The total amount of aerosol agent completely floods the area to be protected.