

# cube

## Rack Mount Fire Suppression System

Designed with:  
3M™ Novec™ 1230  
Fire Protection Fluid

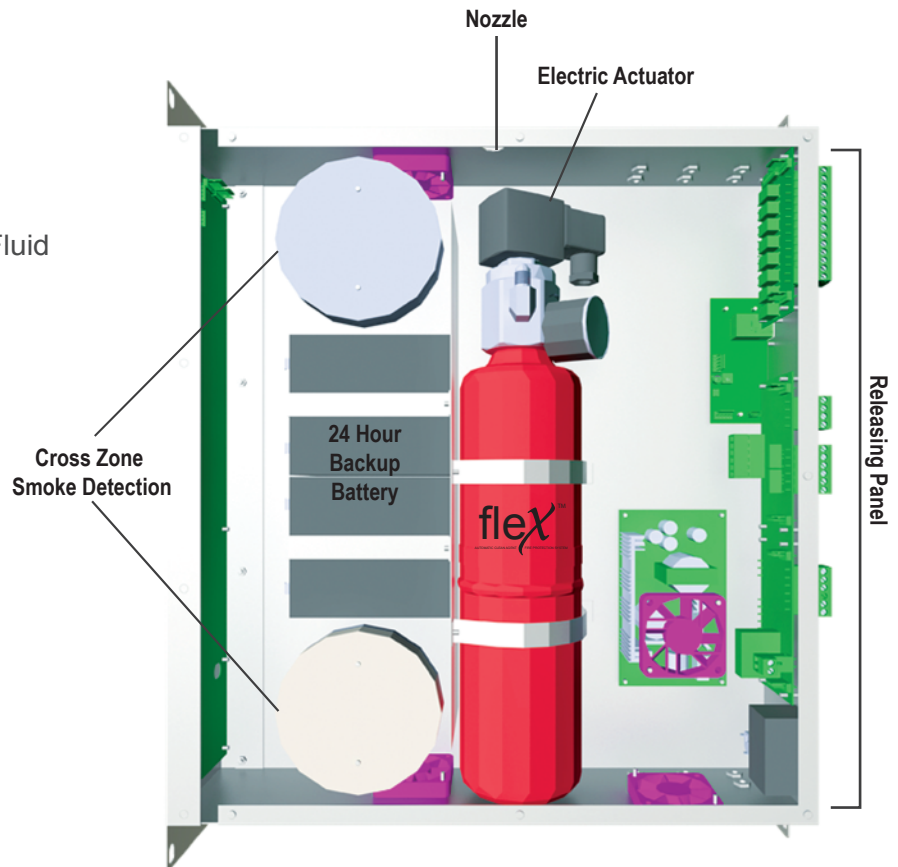
Volume Coverage 52 & 106 ft<sup>3</sup>  
(1.5 & 3.0 m<sup>3</sup>)

The Cube™ Rack Mount Fire Suppression System is a self-contained fire detection and suppression unit designed to protect a 19" rack mount server cabinet. Mounted in the top rack of the server cabinet, the Cube systems provides 24 hour monitoring for smoke utilizing twin optical smoke detectors operated by a control unit with a power supply and battery backup. Upon confirmed detection, the releasing panel activates the electrical actuator to discharge the 3M™ Novec™ 1230 Fire Protection Fluid to achieve rapid extinguishment.

All sizes are charged with agent and pressurized with nitrogen to 240 psig at 70°F (16bar at 21°C). The systems is equipped with: Abort switch, release, low-pressure indication, fan tray power and automatic shut-down.



- Plug and Play Rack Mounted System
  - 2U X 19" Chassis Mounting
- Clean Agent Extinguishing System
  - Utilizing 3M™ Novec™ 1230 Fire Protection Fluid
- Detection and Control
  - Cross Zone Smoke Detection
  - Local / Remote Audio / Video Condition Monitoring and Control.
  - Monitored Alarm / Fault Circuits
  - Visual Alarm and Fault Status Indications
  - 24 Hour Battery Backup
- Connectivity
  - IP Connection
  - Modbus
  - Webserver



INTRODUCING:

# SEV<sup>TM</sup> cube

## Rack Mount Fire Suppression System

### Applications

The Cube<sup>TM</sup> is the safest, easiest, and most cost efficient way to protect your valuable electronic assets, including:

- Data Centers
- Independent IT Racks
- Electrical Cabinets
- PLC's
- Audio Visual Equipment
- Telephone Connection Cabinets
- Labs



CBB10101

Compact detection and extinguishing (up to 1,5m<sup>3</sup>) device CUBE



Fully self-contained fire detection and suppression system  
Compact 2U x 19" chassis counting  
Protection up to 1.5 cubic meters  
Plug & Play device  
Frontal panel key switch control / isolation  
LCD display  
Local and remote audiovisual condition monitoring and control  
Monitored alarm/fault circuits integrated  
Smoke conventional detection with air sampling integrated  
Device completely QC tested  
Cross detection standard system  
Door opened detection  
Ready for use 24 hours / 365 days  
24 hours back-up batteries  
External fan/power shutdown control included  
With all advantages of 3M Novec 1230 Fire Protection Fluid  
NOTE: IP connection not included

Part#	Product Description
CBB10101	CUBE Detection and Extinguishing up to 1.5m <sup>3</sup> (52ft <sup>3</sup> )
CBB11101	CUBE Detection and Extinguishing up to 1.5m <sup>3</sup> (52ft <sup>3</sup> ) with IP Connection
CBB10001	CUBE Detection and strap for a cylinder up to 80mm diameter
CBB11001	CUBE Detection with IP connection and strap for a cylinder up to 80mm