



Conventional

AEGIS™ 2.0

Suppression Control Unit

Compact, Flexible and Economical Suppression Control

AEGIS™ 2.0 Conventional Control Units are designed for special hazard fire suppression environments. These fully-featured, single-hazard control units are backwards compatible with Kidde Fire Systems, Fenwal® and Chemetron® systems, equipped with a full complement of input and output circuits and provide a high degree of programming flexibility. All Kidde Fire Systems control units offer triple redundancy (Triple-R) safeguards to substantially reduce inadvertent activation of the suppression system caused by microprocessor failure.

AEGIS 2.0 Control Units are designed for ease of use and installation. The enclosures easily fit between the studs of standard 16-inch wall construction and house two 12 VDC, 12 AH batteries. These units offer a 5.4 Amp power supply, 68 AH battery charging capacity and supports Class A wiring without additional hardware.

AEGIS 2.0 Control Units support applications that require NEMA 1 enclosures. Two enclosure options are available, one with a standard door and one with door mounted Manual Release and Abort switches to avoid the additional expense of wall mounting these items.



AEGIS 2.0 Control Unit Features:

- Seven (7) input and five (5) output circuits supported in compact NEMA 1 enclosure
- Enclosures fit between studs of a 16-inch standard wall and house two (2) 12 VDC, 12 AH batteries
- Backwards compatible with all Kidde Fire Systems, Fenwal and Chemetron legacy systems
- 5.4 Amp power supply and 68 AH battery charging capacity
- Triple-R Protection substantially reduces inadvertent activation of the suppression system caused by microprocessor failure
- Agent Release Circuits programmable for activation by different inputs and with different time delays and abort modes
- Activates combinations of the following releasing devices:
 - » One (1) or two (2) Kidde Fire Systems Continuous and Momentary Solenoid Control Heads
 - » One (1) Kidde Fire Systems Actuator or Fenwal Initiator
 - » One (1) FM Approved Release Panel Group 2 Solenoid (FM Approved Solenoid Valves rated 16.8W and below)
- Power limited circuits – Agent Release Circuits can be configured for non-power limited operation for applications utilizing Fenwal Initiators
- Class A wiring supported without any additional hardware
- Release countdown timer and battery voltage and charging values displayed on user interface

Applications Protected:

- Banks
- Clean Rooms
- Commercial Facilities
- Computer Operations
- Data Centers
- Generator Rooms
- Heritage Preservation
- Industrial Processes
- Manufacturing Operations
- Record Storage
- Restaurants
- Areas Containing High-Value Assets

Control for Wide Array of Fire Suppression Systems:

- ECST[™] Clean Agents
- ADS[™] Clean Agents
- Inert Gases
- HP CO₂ and LP CO₂
- WHDR[™] Wet Chemical
- IND[™] Dry Chemical
- Fenwal Initiators
- Sprinkler Supervisory
- Deluge/Pre-action
- Foam and Foam/Water

Approvals & Listings:

- FM to NFPA 72, ANSI/UL 864 9th edition
- UL to ANSI/UL 864 9th edition

