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# AEGIS™ CONVENTIONAL SUPPRESSION CONTROL UNIT

Sleek, Full Featured, Economical

## Control your suppression system with an AEGIS Control Unit

The Kidde® AEGIS is a fully featured single hazard conventional control unit that is ideal for small to mid-sized special hazard suppression environments. The AEGIS can be used to control Kidde's full line of suppression systems—Kidde's ECS™ Clean Agents, Carbon Dioxide, WHDR™ Wet Chemical and IND™ Dry Chemical, as well as sprinkler supervisory, deluge/pre-action, foam and foam/water systems.

This sleek control unit easily fits between studs of a 16-inch standard wall, yet it is large enough to house two 12 VDC, 12 AH batteries. AEGIS is also ideal to protect manufacturing machinery when used in conjunction with a Kidde local application suppression system. The AEGIS was engineered to be easy to install, fully robust, yet economical as well. Manual Releases and Abort Switches can be mounted directly onto the panel, avoiding the additional expense of wall mounting these items. A range of circuits has been incorporated to allow programming flexibility to handle all types of special hazard extinguishing systems. These features, as well

as the many others packed into this control unit, make the AEGIS the most advanced conventional control unit available to the suppression industry today.

## Applications protected by AEGIS

- Commercial Facilities
- Restaurants
- Banks
- Industrial Processes
- Retail Stores
- Areas Containing High Value Assets
- Generator Rooms

**When you choose Kidde, you've chosen the world's most respected name in special hazards fire protection.**



## Why Choose The AEGIS Conventional Control Unit?

**Programming Flexibility.** The range of circuits on the AEGIS allow to program special cases:

- Combination Clean Agent plus Double-Interlocked Deluge/ Pre-Action Systems
- Third Detection Circuit is programmable for either water flow input or as a suppression independent detection circuit

**A Robust Power Supply Unit (PSU).** A 5.4 Amp PSU! The battery charger is able to charge up to a 68 AH battery thereby allowing for 90-hours of standby supervision plus 10-minutes of alarm—as required by some authorities.

**Power Limited Circuits.** All circuits, excluding the Agent Release Circuits, are power-limited thereby allowing the installer to run all wiring through the same conduit, cutting down the cost of extra materials. Optionally, the Agent Release circuits can also be converted to power-limited when not using AH Initiators.

**Independently Programmable Agent Releasing Circuits.** The two Agent Release Circuits can be programmed with independent time delays and abort modes to fire combinations of two of the following releasing devices:

- 1 or 2 Control Heads (Up to 4 Control Heads with both Agent Release Circuits)
- 1 FM Sprinkler Solenoid (2 FM Sprinkler Solenoids with both Agent Release Circuits)
- 1 Metron Head

**Triple-R Protection.** This triple redundancy process safeguards the system by ensuring no inadvertent activation of the suppression can occur in case of microprocessor failure.

**Class A Circuitry.** As required by many applications, the AEGIS has builtin Class A supervision for all circuits. Furthermore, Class A wiring can be achieved without any additional hardware.

**Sophisticated Notification Appliance Circuits (NACs).** All three NACs use a protocol that enables silenceable horns and non-silenceable strobes to be used on the same NAC, which can significantly reduce costs.

**Release Countdown Timer.** An easy-to-read release countdown timer lets you know exactly when the system is going to discharge.

**Battery Voltage and Charging Display.** Read the open circuit battery voltage and the battery charging current on a working panel without disconnecting the batteries or using external multi-meters!

**Password Protection.** User selectable password set at time of installation safeguards against tampering.

**Approved for releasing Kidde ECS Clean Agents, CO<sub>2</sub>, Wet and Dry Chemical Systems, as well as water-based systems such as Water Mist, Fire Sprinkler, Sprinkler Deluge and Foam.**

## Approvals & Listings

- cFMus to NFPA 72, ANSI/UL864, 9th edition and ULC-S527-99
- CSFM Approved
- MEA Approved
- cULus to ANSI/UL 864, 9th edition and ULC-S527-99



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