



# FDNY

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## **CERTIFICATE OF APPROVAL # 6236** **THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE** **and EXPIRES on AUGUST 29, 2019**

By order of Fire Commissioner Daniel A. Nigro, and pursuant to Section FC 112 of the New York City New Fire Code, the following equipment or system is accepted for use provided the conditions as outlined below are in full compliance.

**Manufacturer:** Kidde - Fenwal Inc.

**Trade Name:** Kidde Fire Systems

**Product:** Fire Alarm Control Panel

**Model Number(s):** AEGIS 2.0, AEGIS-XLT Fire Alarm Control Panels

**Pertinent Code Section(s):** Section FC 901 of the New York City Fire Code

**Prescribed Tests:** UL 864 9<sup>th</sup> Edition, NFPA 72

**Laboratories:** Underwriters Laboratories, Inc. (UL)

**Report(s):** UL File S2422, Vol. 14, Sec. 2; issued 2015-10-01  
UL File S2422, Vol. 14, Sec. 3; issued 2015-10-02

**Description:** The AEGIS 2.0 and AEGIS-XLT are versatile, flexible, microprocessor-based conventional control units which coordinate and monitor the various components of a protected-premises fire suppression and/or fire alarm system. For each protected zone, the systems can provide alarm initiation, occupant notification, event annunciation, extinguishing-system release, waterflow, and sprinkler supervisory. The control units can accommodate up to three notification appliance circuits (NAC), 1 NAC output is configurable as either ARC or NAC on the AEGIS-XLT, two agent release circuits (ARC), three programmable relays, one trouble relay, and one auxiliary output. Each detector circuit is suitable for class A or class B and is capable of operating with up to 25 smoke detectors. The manual release circuit is suitable for either class A or class B wiring using any quantity of contact closure type manual release stations subject to the limitations imposed by the wiring resistance.

**Fire Department, City of New York**

9 MetroTech Center, Brooklyn New York 11201-3857

Each product model/part number and description is shown in Table 1.

Table 1.

Model/Part No.	Description
84-732001-901	AEGIS 2.0 - Control unit
84-732001-902	AEGIS 2.0 - Control unit with manual release and abort switches on the cover
84-70101793	AEGIS-XLT - Control unit with NEMA1 Enclosure
84-10101510	AEGIS-XLT - Control unit with NEMA4 Enclosure
84-10101508	AEGIS-XLT - Control unit with NEMA12 Enclosure
84-10101511	AEGIS-XLT - Control unit with NEMA4 Enclosure with PE Relay
84-10101506	AEGIS-XLT - Control unit with NEMA12 Enclosure with PE Relay

## Conditions of Approval:

1. All uses, configurations, arrangements and functions, application and installations shall comply with the provisions of New York City Construction Codes, specifically Building Code Chapter 9 & 1RCNY §3616-04. Further, the installation shall be in accordance with applicable provisions of New York City Fire Code, New York City Electrical Code, manufacturer's installation requirements, and UL Standard 864.
2. When used with a central office control communicator or a transmitter, the installation and operation of the equipment and devices shall comply with 3RCNY §901-01. It shall have the capability of transmitting separate and distinct signals to indicate manual pull station alarm, automatic detection alarm, sprinkler waterflow alarm, supervisory signal indications, and trouble indications.
3. The installation of Fire Alarm Control Unit must provide for fail-safe operation. This feature must assure that control of doors, locks, ventilation fans, and elevator recall will not be rendered inoperable in the event of a fire or power failure.
4. When used for carbon dioxide (CO<sub>2</sub>) releasing application, the following shall be complied with:
  - 4.1. All safety precautions stated in NFPA 12 shall be strictly followed.
  - 4.2. Provide signs at every entrance to protected space as follows:

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WARNING: DO NOT ENTER THE PROTECTED PREMISE SPACE UNLESS PHYSICAL LOCKOUT OR OTHER SAFETY PROCEDURES ARE FULLY COMPLETED. DO NOT USE SOFTWARE DISABLE FUNCTIONS IN THE PANEL AS LOCKOUT.

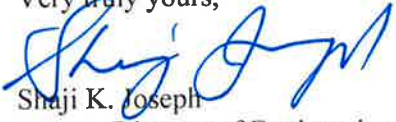
5. Annunciator is acceptable under the condition that this unit shall be used to acknowledge the alarm and all its control function, including alarm silence and panel reset shall be disabled.
6. The above referenced equipment shall be used only with listed fire alarm equipment and devices, with which the compatibility has been determined by UL Listing Report
7. Only enclosures painted red in color shall be used.
8. Underwriters Laboratories Inc.'s Listing requirements and limitations shall be complied with.
9. Certificate of Approval number shall be plainly and permanently stamped or otherwise fixed upon each product by the applicant.
10. The Fire Department's conditions of approval shall be enumerated in the installation manuals and brochures that will be provided to all New York City buyers and users.
11. Fire Department Certificate of Approval does not constitute an endorsement or recommendation of your product by the Fire Department, but is a certification that your product is acceptable as of the date of issuance.
12. The Fire Department reserves the right to withdraw this approval at any time in the event there is a reasonable doubt that the product does not operate or perform as required by code, the conditions of this resolution or as represented in your application.
13. As the manufacturer of this product, you should be aware that any end user who fails to comply with the condition as outlined in the approval would be subject to enforcement action, which may include fines and imprisonment.
14. This Certificate of Approval does not grant the right to use any trademark associated with the New York City Fire Department (the letters FDNY, the FDNY Shield design, the FDNY Maltese Cross design, and the seal of the City of New York). The unauthorized use of trademarks in connection with the sale of commercial goods or services violates federal and state laws.
15. Products marked to indicate the Certificate of Approval number might refer to the "NYC Fire Department" or "NYC Fire Dept." (e.g., "NYC Fire Dept. Certificate of Approval #XXXX).

Any change in company name or ownership, product name, design or model number of any product included on this certificate must be immediately reported to this Department in writing.

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When responding to this Department regarding this subject matter, kindly refer to F.P. Index # 1608054A and to Igor Chouchereba attention, 9 MetroTech Center #1S-43-K, phone (718) 999-1997.

Very truly yours,



Shaji K. Joseph  
Deputy Director of Engineering  
Technology Management

c: Tamara Saakian, P.E., Director of Technology Management.

SJ: IC/1608054A