



# FDNY

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**Kam Chan P. E.**

Lead Engineer / Administrative Engineer of Technology Management  
Bureau of Fire Prevention

## **CERTIFICATE OF APPROVAL # 5870**

**THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE**  
**AND EXPIRES ON February 5, 2023**

February 6, 2020

Mr. William Griffin  
VP of Engineering  
Captive Aire Systems Inc.  
4641 Paragon Park Road  
Raleigh, NC 27616

RE: Certificate of Approval #5870  
F. P. Index#: 1911015A FPIMS#: 39341938

By order of Fire Commissioner, Daniel A. Nigro, and pursuant to Section 112 of the New York City Fire Code, the following equipment or material may be acceptable for use provided the conditions outlined below are in full compliance.

**Manufacturer:** Captive Aire Systems Inc.

**Product:** Captive Aire Electric Wet Chemical

**Trade Name:** Captive Aire Electric Wet Chemical (CAS-EWC) Fire Suppression System

**Pertinent Code Sections:** New York City Fire Code Section 904 (including Section 904.5)

**Laboratory:** Underwriters Laboratories, Inc.

**Prescribed Tests:** UL 1254, 4<sup>th</sup> Edition, Revision date 01-30-2015  
UL 300, 3rd Edition, Revision date 12-16-2014

**Report:** File EX3559 Issued: 08-02-2019 Revised: 10-23-2019

**Description:** The Captive-Aire Systems Electric Wet Chemical (CAS-EWC) fire suppression system is a wet chemical-based fire suppression system for use in commercial kitchens. The system is listed with Underwriters Laboratories (UL) and meets the standards for safety of UL 1254, UL 300 and ANSI/CAN/ULC 300:2019. The CAS-EWC fire suppression system can be mounted in the integral cabinet on the end of the hood or offered as a wall-mount package. The basic system consists of Overlapping Zone Protection, Appliance Specific Protection, and Duct & Plenum Coverage. Two nozzle types are utilized in the CAS-EWC fire suppression system for appliance, duct and plenum protection. The TF1 nozzle is exclusively used for



8. Certificate of Approval number shall be plainly and permanently stamped or otherwise affixed upon each product by the manufacturer or the local representative of the manufacturer.
9. All installations shall be subject to inspection by representatives of the Fire Department which may result in additional requirements being imposed.
10. The Fire Department may make periodic inspections of the above-referenced equipment without notice.
11. The Fire Department may 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.
12. The Fire Department's conditions of approval shall be provided to all New York City buyers, users and installers.
13. The 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.
14. Any end user who fails to comply with the conditions as outlined in this approval is subject to enforcement action.

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

Very truly yours,



Kam Chan, P.E.

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