



FDNY

BUREAU OF FIRE PREVENTION

9 Metro Tech Center, 3rd Floor

Brooklyn, NY, 11201

To: John Zoltowski
 From: New York City Fire Department
 Date: Mar 28, 2024
 Record ID: 2024-TMCOAP-000427-RENL



Premises Address: City-Wide

BIN

Application Type: Certificate of Approval

Renewal

Result: Certificate of Approval

CERTIFICATE OF APPROVAL # 5804

THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE AND EXPIRES ON April 15, 2027

By order of Fire Commissioner 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.

Address: 4641 Paragon Park Road, North Carolina, 27616

Product: Exhaust Hoods

Model Number: BD-2, BLL, BL, NDI, ND-1, ND-2, ND-2WI, SND-2, VHB, CA-BSF-E, EX-BS-N, NRIH, PNI, R, S-ELS-M, VH1-Pyramind

Pertinent Code: New York City Fire Code Section 901.4.5

Prescribed Tests: UL710, ULC710, ULC-S646, and NSF/ANSI 2 Standards

Laboratory: ETL Testing Labs (Intertek)

Report: 3054804-002

Issued: 02/07/2005





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3186625SAT-001	Issued: 09/21/2017	
102900319PRT-001	Issued: 06/01/2017	Revised: 04/04/2023
3197081COL-001	Issued: 12/31/2009	Revised: 04/05/2023
104609867COL-001	Issued: 04/09/2021	Revised: 10/31/2022

Description: Commercial Exhaust Hoods are used over cooking equipment. Exhaust Hoods remove heat, smoke and grease laden vapors. Hoods are ETL listed to UL 710, ULC 710, ULC-S646 and NSF/ANSI 2 standards and are built in accordance to NFPA 96. Hood construction shall be Type 430 stainless steel with a #3 or #4 polish on at least all exposed surfaces. Optional 304 stainless is also permitted. Type 1 Hoods: Hoods come standard with stainless steel baffle filters and a grease trough. Hoods have a grease drain system with optional removable ½ pint cup for easy cleaning. Double wall rigid insulated front reduces condensation and radiant heat transfer into the kitchen. An integral front baffle provides exceptional capture and directs grease laden vapors towards the exhaust filter bank. Front baffle also provides a built in wiring chase for optimal positioning of electrical controls and outlets on the front face of the hood without penetration hood capture area. Refer to Hood manual for optional features available on Type 1 Hoods. Type 2 Hoods: Hoods are used for non-grease applications for removal of heat and vapor. Refer to Hood manual for optional features available on Type 2 Hoods.

Model	Description
BD-2	Type I, Low Proximity Hood. ETL listed for use over 450°F, 600°F and 700°F cooking surface temperatures.
BLL	Type I, Low Proximity Passover Hood. ETL listed for use over 400°F and 600°F cooking surface temperatures.
BL	Type I, Low Proximity Hood. ETL listed for use over 400°F and 600°F cooking surface temperatures.
CA-BSF-E	Type I, Low Proximity Hood. ETL listed for use over 450°F cooking surface temperatures.
EX-BS-N	Type I, Low Proximity Hood. ETL listed for use over 600°F cooking surface temperatures.
NDI	Type I, Double Island V-Bank Hood. ETL listed for use over 400°F, 600°F and 700°F cooking surface temperatures.
ND-1	Type I, Wall Canopy Hood. ETL listed for use over 450°F, 600°F and 700°F cooking surface temperatures.
ND-2	Type I, Wall Canopy Hood. ETL listed for use over 450°F, 600°F and 700°F cooking surface temperatures.
ND-2WI	Type I, Single Island Hood. ETL listed for use over 450°F, 600°F and 700°F cooking surface temperatures.
NRIH	Type I, Round Island Hood. ETL listed for use over 450°F, 600°F and 700°F cooking surface temperatures.
PNI	Type I, Single Island hood. ETL listed for use over 450°F cooking surface temperatures.
R	Type I, Wall Canopy Hood with Internal MUA. ETL listed for use over 400°F cooking surface temperatures.
S-ELS-M	Type I, Low Proximity Hood. ETL listed for use over 400°F cooking surface temperatures.
SND-2	Type I, Sloped Wall Canopy Hood. ETL listed for use over 450°F and 600°F cooking surface temperatures.
VHB	Type II, Exhaust only hood. ETL listed to be used over non grease application for removal of heat and vapor
VH1-Pyramind	Type II, Exhaust only hood with 4 sloped sides. ETL listed to be used over non grease application for removal of heat and vapor.

Conditions of Approval

1. The exhaust hoods shall comply with all applicable requirements (including installation, operation and maintenance) of the New York City Fire Code, Electrical Code, and Construction Codes (including the Building Code, Mechanical Code, and Fuel Gas Code). In addition, the manufacturer’s manual for installation, operation and maintenance, and listing requirements and limitations shall be complied with.
2. Prior to installation of the fire extinguishing system, plans shall be filed with the New York City Fire Department for review and approval. Pre-engineered non-water fire extinguishing system shall be of a type for which a Certificate of Approval has been issued by the New York City Fire Department.





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3. Grease filters that are removable but not an integral component of a specific listed exhaust hood shall be of a type for which a Certificate of Approval has been issued.
4. Grease filters shall be cleaned regularly in accordance with the instructions from the manufacturer's installation, operation, and maintenance manual.
5. The above-referenced exhaust hoods shall be inspected, cleaned and replaced if necessary by a qualified person holding a Fire Department Certificate of Fitness. A record of such inspection and cleaning shall be kept on the premises for inspection.
6. Power supply and wiring for controls and luminaries shall comply with the requirements of New York City Electrical Code.
7. Type I hoods, where required to be installed, shall be protected with a fire extinguishing system in accordance with Chapter 9 of the New York City Fire Code and Building Code.
8. Listing requirements and the manufacturer's installation, operation and maintenance requirements shall be complied with.
9. All installations shall be subject to inspection by the New York City Fire Department which may result in additional requirements being imposed. The Fire Department may make periodic inspections of the above-referenced products without warning to ensure that maintenance requirements are being followed. These audit inspections will be solely at the discretion of the Fire Department.
10. The Fire Department's conditions of approval shall be provided to all New York City buyers, users and installers.
11. The Certificate of Approval number shall be plainly and permanently stamped or otherwise affixed upon each product by the manufacturer/applicant.
12. The equipment's technology does not violate any patent, trade name, trade secret or other intellectual right.
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. 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.
15. Any end user who fails to comply with the conditions as outlined in this approval will be 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.

KC:JN



By Order of,
Chief of Fire Prevention