



FDNY

BUREAU OF FIRE PREVENTION

9 Metro Tech Center, 3rd Floor

Brooklyn, NY, 11201

To: Terry McCabe
From: New York City Fire Department
Date: Jun 22, 2023
Record ID: 2023-TMCOAP-002370-CERT



Premises Address: City-Wide

BIN

Application Type: Certificate of Approval

Result: Certificate of Approval

CERTIFICATE OF APPROVAL # 5943

THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE

AND EXPIRES ON June 21, 2026

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: Greenheck Fan Corporation /Accurex LLC

Address: 400 Ross Ave, Schofield, WI 54476

Product: Type 1 Commercial Kitchen Exhaust Hoods

Model Numbers: X or G; followed by B, H, X, or G; followed by E or D; followed by W, V, P, or C; may be followed by T; followed by 36-1152, followed by S

Pertinent Code Sections: New York City Fire Code Section 901.4.5

Prescribed Tests: UL 710

Laboratory: Underwriters Laboratories, Inc.

Report: MH11726 Issued: 12/30/1985 Revised: 7/27/2020



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Description: Type 1 Commercial Kitchen Exhaust Hoods are exhaust only hoods with configurations of Wall Canopy, Island V-Bank, Low Proximity and Crossover. Hoods are to be installed above commercial cooking appliances for the capture and removal of grease, smoke, odor, and other byproducts of commercial cooking processes. Captured effluent is filtered by provided UL listed grease filters within the hood. The hoods shall exhaust one bank or two banks (when configured as Island V-bank) of filters, through one central plenum. Exhaust hoods shall be welded or similarly connected to an approved grease duct system which terminates outdoors. Hoods are UL 710 listed for medium, heavy, or extra-heavy duty rated cooking appliances. Hoods are exhaust only, with make-up air to be independently provided. The hoods are constructed of 18 gauge 400 series stainless steel, or 18 gauge 300 series stainless steel. All seams, joints, and penetrations of the hood enclosure are welded and/or liquid tight. All unexposed interior surfaces are constructed of a minimum of 18 gauge corrosion resistant steel including, but not limited to ducts, plenum, and brackets. The hoods include a filter housing constructed of the same material as the hood. UL 1046 classified stainless steel filters are provided with the hoods. Hood filters may be of the baffle style, Grease-X-Tractor high efficiency style, or the multi-stage high efficiency Grease Grabber style. Filters are provided in sufficient number and size to ensure optimum performance. The filter housing terminates in a pitched, full length grease trough which shall drain into removable grease containers. Type 1 Commercial Kitchen Exhaust Hoods are to be configured with a UL 300 listed Fire System. Type 1 Commercial Kitchen Exhaust Hoods are to be configured with a kitchen control package.

Conditions of Approval

1. The exhaust hoods shall comply with all applicable requirements (including design, 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). The installation of exhaust systems (including exhaust hoods) shall be approved by the New York City Department of Buildings.
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.
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



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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 representatives of the Fire Department which may result in additional requirements being imposed. The Fire Department may make periodic inspections of the above-referenced products without warning. 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 or the local representative of the manufacturer.
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 condition as outlined in this approval will be subject to enforcement action.

Any change in occupant's name or ownership, product name, product design, material of construction 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