



# FDNY

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**Kam Chan P. E.**

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

## **CERTIFICATE OF APPROVAL # 5715 THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE AND EXPIRES ON FEBRUARY 11, 2022**

**This Supersedes Letter Dated March 29, 2019**

October 8, 2019

Mr. Tim Kelley  
Quality/ Regulatory Manager  
Giles Enterprises, Inc.  
2750 Gunter Park Drive West  
Montgomery, AL 36109

RE: **Revised Renewal** for Certificate of Approval #5715  
F.P. Index#: 1903084B FPIMS#: 39093687

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:** Giles Enterprises, Inc.

**Product:** Prefabricated ventless/ductless commercial kitchen hoods with built-in cooking appliances as integral VH units.

**Model Number:** GEF-VH series, GBF-D-VH series, and GBF-2-GVH series integral VH units with built in cooking appliances with grease filters for use in the NYC Department of Buildings (DOB) **approved commercial kitchens at or above grade level.**

**Pertinent Code:** New York City Fire Code Section 901.4.5

**Prescribed Tests:** UL710B, UL300, EPA Test Method 202 (and UL1046 / UL197)

**Laboratory:** Underwriters Laboratories, Inc.

**Report:** File #:E143926 Vol. 1 Sec. 3 Issued: 12-06-2002 Revised: 09-28-2018

**Description:** The ductless hood assembly consists of an exhaust blower, electrostatic precipitator, metal baffle type grease filter, and air filter. The MEA listed (137-82-E Vol. II) baffle filters are manufactured by Component Hardware Group and the two charcoal filters are listed to UL 1046. The EAC filter is tested and listed to UL 867. The fire suppression system is listed to UL 300/ UL 710B. These ductless hoods

**Revised Renewal COA # 5715 for Giles' ventless/ductless commercial kitchen hoods with grease filters Model Number:GEF-VH/ GBF-D-VH/ GBF-2-GVH series ductless hoods with built in cooking appliances for use in the NYC Department of Buildings (DOB) approved commercial kitchens at or above grade level.**

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have a back up fusible link in the hood area. This link is also set for 165 degrees and will activate the fire suppression system. The fire suppression system used in these hoods is directly linked to the appliance. If the fire suppression system activates, the appliance heat source will be shut down. A remote pull handle is also required for operator activation. In the event of a fire in the cooking appliance and the activation of the fire extinguishing system, the power to the cooking appliance heat source is terminated. The hood blower will continue to operate. If the access door is open or the blower does not operate, the cooking appliance heat source is shut down. If the hood fails to operate, the cooking appliance heat source is de-energized. If filters are operated until the point of filter blockage, the unit will cease to operate and the cooking appliance heat source will shut down. Grease Filter - The filter shall be a baffle type, constructed of aluminum or stainless steel and measuring approx 19-1/4 by 19-1/2 by 1-3/4 in. The filters consist of five baffles with spaces approx 3/4 in. high and spaced approx 7/8 in. apart. Grease filter provided with Listed Omron, Cat. No.D4A-1101N interlock switch rated 10 A minimum, 250 V ac. Fire Damper - Classified (ALBR), Ruskin, Model 1BD2, curtain type, provided with 285°F fusible link. Access Doors Panel- Attaches to top of front of hood precipitator and encloses entire air cleaning section. Stainless Steel at least 0.026 in. thick, overall dimensions 17 by 24 in. Formed U-shaped flange at top engages top of hood and secured in place by mechanical latch. Access door panel provided with an interlock switch. The ionizer-collector cell assembly consists of: Recognized Component Electrostatic Air Cleaners (AGGZ2), Honeywell, Inc., ionizer-collector cell Part No. FC37A or FC37B. Recognized Component Electrostatic Air Cleaners (AGGZ2), Air Quality Engineering Inc., Ionizer-Collector Cell. Vacuum Interlock Switch - R/C (MFHX2) Cleveland Controls or Alternate provided by Honeywell No. BZ-2RQ-A2. or Alternate provided by Antunes Controls, Cat. No. SMD or as listed in File #:MH14950 Vol. 1 Sec. 2 or alternate item - Karl Dungs Cat. No. AA-A2-6-2. Fusible Link - Ansul, Cat. No. 56811, marked 165°F. Part of fire extinguishing system. WET CHEMICAL FIRE EXTINGUISHING SYSTEM - Ansul R-102 as listed in UL File #:MH14950 Vol. 1 Sec. 2. UL listed Ansul Plenum Nozzle with fusible link detector, Ansul Cat. No. 56837 or 56838.

## **Conditions of Approval:**

1. The ventless/ductless hoods shall ONLY be used within NYC Department of Buildings (DOB) approved commercial kitchens for food warming, light duty/medium duty cooking only, plans for which shall be docketed (stamped, dated and numbered) by the New York City Department of Buildings and subject to the following restrictions:
  - a. Ventless hoods shall not be installed in the basement or cellar of any building.
  - b. Ventless hoods shall not be installed in any non-fireproof buildings.
  - c. Ventless hoods shall not be installed in any unsprinklered buildings.
  - d. Ventless hoods shall not be installed in any open spaces such as shopping malls.

NOTE: For locations that do not meet of the above criteria, a request for special consideration may be submitted for a site-specific approval of the use of light duty cooking /food warming operation within the City of New York.

**Revised Renewal COA # 5715 for Giles' ventless/ductless commercial kitchen hoods with grease filters Model Number: GEF-VH/ GBF-D-VH/ GBF-2-GVH series ductless hoods with built in cooking appliances for use in the NYC Department of Buildings (DOB) approved commercial kitchens at or above grade level.**

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2. Prior to installation of the above-referenced ductless / ventless hood with cooking appliances, plans specifying the exact product name/model number and dimensions/ specification shall be filed with and accepted by New York City Department of Buildings (DOB). Additionally, a copy of DOB docketed (Stamped, numbered and dated) plans shall be transmitted to the Fire Department for review and approval, as applicable.
3. Prior to the use of the above-referenced ventless/ductless hood for cooking appliance, the fire extinguishing system shall be inspected and approved by the New York City Fire Department.
4. Installation, use and maintenance (including cleaning) of the above referenced products shall comply with all applicable requirements of the New York City Fire Code, the New York City Construction Codes (including the Building Code and Mechanical Code), the New York City Electrical Code, and the rules.
5. Underwriters Laboratories, Inc.'s listing requirements and the manufacturer's installation, operation and maintenance requirements shall be complied with.
6. Installation and start up shall be performed by a Giles authorized installation company. A manual shall be given to the owner or manager of the restaurant, or to the person responsible for training operators of the equipment. Operating instructions shall be read and understood by all persons using the appliance.
7. The grease filters, hoods and cooking devices shall be inspected, cleaned and replaced if necessary by a qualified person holding a Certificate of Fitness Type F64 or W64, as applicable. A record of such inspection and cleaning of the hoods/grease filters shall be kept on the premises for inspection.
8. All installations shall be subject to inspection by the New York City Fire Department which may result in additional requirements being imposed.
9. The Certificate of Approval number shall be plainly and permanently stamped or otherwise affixed upon each product by the manufacturer/applicant.
10. The equipment's technology does not violate any patent, trade name, trade secret or other intellectual right.
11. The Fire Department's conditions of approval shall be provided to all New York City buyers, users and installers.
12. 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 date of issuance.
13. 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.
14. Any end user who fails to comply with the conditions as outlined in this approval will be subject to enforcement action.

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Any change in company name or ownership, product name, material of construction, chemical composition, product design, 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.

KC: JN: COA#5715Revised Renewal.doc