



# FDNY

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**Kam Chan P. E.**

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

## **CERTIFICATE OF APPROVAL # 5661 THIS CERTIFICATE IS REVOCABLE, NOT TRANSFERABLE AND EXPIRES ON September 27, 2021**

September 28, 2018

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

RE: Certificate of Approval #5661  
F.P. Index#: 1707090B FPIMS#: 37214046

Dear Mr. Kelley:

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 hood with grease filters

**Model Number:** PO-VH, PH-VH and OVH series Ductless Hoods as listed in the UL reports mentioned below.

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

**Prescribed Tests:** UL710B/UL300, UL1046 , UL197

**Report:** File #:E19530 Vol. 1 Sec. 1&2 Issued: 10-07-1996 Revised: 03-26-2014

**Description:** The ductless hood assembly consists of (1) baffle grease filter, (1) electrostatic filter and (1) polysorb filter and Ansul fire suppression system (containing (2) 2W nozzles, (1) Swivel Nozzel, and 1.5 gallon SS Ansul tank). The MEA listed (133-91-M) baffle filters are manufactured Kason Industries, Inc. and charcoal filter is 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 recirculation hoods 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 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 is terminated.

The hood blower will continue to operate. If the access door is open or the blower does not operate, the cooking appliance is de-energized. If the hood fails to operate, the cooking appliance is de-energized. If filters are operated until the point of filter blockage, the unit will cease to operate and de-energize the cooking appliance heat source.

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./ 15-1/2 by 11-1/2 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. 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 #:E143926 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 #:E14926 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, 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.

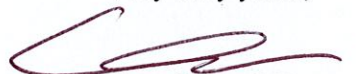
2. Prior to installation of the above referenced ductless / ventless hood with cooking appliances, plans specifying the exact product name/model number and dimensions/specification must be filed with and accepted by New York City Department of Buildings(DOB). Additionally, a copy of DOB docketed (Stamped, numbered and dated) plans shall be transmitted to the Fire Department for review and approval of fire extinguishing systems.
3. The EAC filter is to be cleaned nightly in an approved cleaning solution, an additional EAC filter will be on each site as back up. A stainless steel soak tank shall be provided to facilitate this cleaning procedure.

Also, the baffle filter shall be cleaned nightly and it shall be cleaned in the 3 compartment sink, or in the soak tank.

4. The Charcoal filter is to be changed monthly, they are disposable filters and can not be cleaned, change out shall follow the manufacturer's recommendation. Also, the inside of the hood should be cleaned monthly with the changing of the charcoal filter.
5. The fire extinguishing system should be serviced by an authorized fire suppression company holding a MFSPC license semi-annually. The fusible links used in our hoods are to be changed annually and are date stamped by NYC code.
6. Installation, maintenance, cleaning procedures and use of the above referenced products shall comply with all applicable New York City Fire Code, New York City Electric Code, Construction Codes, rules and regulations.
7. Underwriters Laboratories, Inc.'s listing requirements and manufacturer's installation, maintenance procedures and safety limitations shall be complied with.
8. Certificate of Approval number shall be plainly and permanently stamped or otherwise affixed upon each product by the manufacturer or by the local sales representative of the manufacturer.
9. The above referenced hood unit with filter be inspected, cleaned and replaced if necessary, by qualified person hold Certificate of Fitness type W-64 or F-64. A record of such inspection and cleaning shall be kept on the premises for inspection.
10. The Fire Department may make periodic inspections of the above referenced Ductless Hoods without warning to ensure that maintenance requirements are being followed. These audit inspections will be solely at the discretion of the Fire Department.
11. The Fire Department's condition of approval shall be provided to all New York City buyers, users and installers.
12. The 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, as represented, meets the standards as of the 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. The Certificate of Approval is issued upon condition that the equipment's technology does not violate any patent, trade name/ secret or other intellectual right.
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 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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