



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 4-07-E

Manufacturer: Gaylord Industries, 10900 SW Avery Street, Tualatin, OR 97062-1149

Trade Name(s): Gaylord Industries; Captive Aire

Product: Commercial air-filtering appliances

Pertinent Code Section(s): RS 13-3

Prescribed Test(s): UL 710 (standard for exhaust hoods and related controls for commercial and institutional kitchens)

Laboratory: Intertek ETL Semko

Test Report(s): Report No. 3028598-1, revised October 27, 2006.

Description: Commercial air-filtering appliances are intended to remove smoke and odor (optional) from the exhaust airflow downstream of commercial cooking hoods. They are typically roof- or mechanical-room installed and incorporate a UL 762 grease fan. The air filter appliance contains, in the direction of the airflow, three filters placed in series, a double- or single-pass media bed, or spray odor system, followed by a UL 762 exhaust blower. The size of the equipment depends on the required airflow through the kitchen hood(s) to properly exhaust grease-laden air produced during commercial cooking operations. Air volumes range from 1,000 to 32,000 CFM.

Product Covered:

Series RSPC-TPF and CRSPC-TPF

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated August 23, 2007, F.P. Index #0612056B.

Terms and Conditions: The above-described air-filtering appliances are accepted under the following conditions:

1. All uses, arrangements and functions, application and installations shall comply with all provisions of New York City Building Code, specifically Reference Standard 13-3. Further, the installation shall be in accordance with New York City Electrical Code and all applicable New York City codes, rules and regulations.
2. The above shall not be provided with fire dampers.
3. Approved automatic fire extinguishing system shall be provided for the component filter sections and the ductwork downstream of the equipment.
4. Fan/filter monitoring controller shall be constructed and listed to UL508A (Standard for Safety Industrial Control Panels) standard.
5. Filter housing equipment surface clearances shall not be less than 18 inches from interior surfaces of combustible construction and shall not be less than 6 inches from the interior surfaces of non-combustible construction.
6. Fan/blower shall be a listed UL762 or equivalent type with motor and pulley located outside the air stream.
7. Air from these filtering units shall exhaust to outside the building in accordance with the requirements of RS 13-3 of the Building Code.
8. Duct from the outlet of the air purification unit to outside the building shall be constructed as a grease duct and shall be also constructed in accordance with the requirements of RS 13-3 of the New York City Building Code.
9. The entire exhaust system shall be inspected, cleaned and properly maintained by qualified employees of the restaurant owner or by a cleaning agency. A record of such inspection and cleaning and maintenance shall be kept on the premises for inspection.
10. Only UL 900 Class "I" filters are permitted. Filter replacements shall be performed in conformance with manufacturer's recommendation depending on the type of cooking conducted on the premises (refer to Gaylord manual for approximate number of filter replacements required per year for Light, Medium Heavy and Extra Heavy Duty cooking operations). Filters shall be replaced more frequently as needed. Installations producing exhaust temperatures in excess of 180°F at the equipment inlet shall use listed filters rated for high temperatures (as recommended by the manufacturer).

11. Manufacturer's installation, maintenance/cleaning procedures and limitations shall be complied with.
12. Intertek ETL's listing requirements and limitations shall be complied with.
13. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Electrical Advisory Board before installation.
14. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
15. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 11/21/07

Examined By Stephen. [Signature]