



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 42-06-E

**Manufacturer:** Air Seal Filter Housings, Inc., 1112 Staffordshire Road, Stafford, TX 77477

**Trade Name(s):** Flanders/Airseal

**Product:** Power clean electrostatic air cleaner

**Pertinent Code Section(s):** Reference Standard RS 13-3

**Prescribed Test(s):** UL 710 and ANSI/UL 867

**Laboratory:** Intertek. ETL Semko Division

**Test Report(s):** J99\*15105-211, issued November 16, 1999, revised July 19, 2006

**Description:** Power Clean, Model SA-XXYY-W is a permanently wired electrostatic air cleaner for use for kitchen exhaust of restaurants and similar food preparation facilities. The units consist of a control panel, power supply, detergent tank assembly and electrostatic collector cabinet. All models are similar, varying only in the size of the cabinet, the number of electrostatic collector cells housed in each cabinet and the inclusion of an odor absorption module. The units may be installed indoors or outdoors. The XX and YY indicate the height and width dimensions of the cabinet. The W represents an optional water wash system. The unit requires a fire suppression system that works in sync with any hood fire-suppression systems. Under fire conditions, power to the cells is cut, the exhaust fan continues to run, and as an option (especially for the case of indoor units with sidewall discharge), the optional wash system can be activated after the chemical discharge.

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 September 26, 2006, F.P. Index #0603014B.

**Terms and Conditions:** The above-described Power Clean air cleaner is accepted on condition that:

1. All uses, installation, maintenance, and cleaning procedures comply with the New York City Building Code, Fire Code, Electrical Code and all applicable New York City codes, rules, regulations, and manufacturer's operation/maintenance requirements.
2. The Intertek ETL listed electrostatic air cleaners shall not be provided with fire dampers.
3. Approved automatic fire extinguishing system shall be provided for the component filter sections and for the ductwork down stream of the equipment.
4. Filter housing equipment surface clearances shall not be less than 18 inches from interior surface clearances of combustible construction and shall not be less than 6 inches clearance from the interior surfaces of non-combustible construction.
5. Air from filter units shall exhaust to outside the building as per requirement of RS 13-3 of New York City Building Code. Duct from the outlet of the air purification filter to outside the building shall be constructed in accordance with RS 13-3 of the Building Code.
6. Intertek ETL's listing requirements and limitations shall be complied with.
7. Fan/blower shall be a type with motor and pulley located outside the air stream.
8. Manufacturer's installation, maintenance/cleaning procedures and limitations shall be complied with.
9. The entire exhaust system shall be inspected at least once every three months. Filters shall be inspected, cleaned and replaced by qualified employees of the restaurant owner or by a cleaning agency. A record of such inspection and cleaning shall be kept on the premises for inspection.
10. Only UL Classified CLASS I (UL900 rated) filters are permitted. Filters shall be cleaned and replaced once every three months or more frequently, if necessary.

11. 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 Building Code.

Final Acceptance October 16, 2006  
Examined By Donald [Signature]