

**CITY OF NEW YORK  
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 96-04-E  
Report of Material and Equipment Acceptance Division**

**Manufacturer– Air Quality Engineering Inc., 7140 Northland Drive North, Minneapolis, MN 55428-1520.**

**Trade Name – SmokeMaster, AutoClean.**

**Product – In-Line Electrostatic air Cleaner.**

**Pertinent Code Sections – Reference Standard RS 13.**

**Prescribed Test(s) – UL-867, UL-710.**

**Laboratory – Intertek ETL Semko Testing Laboratories.**

**Test Reports – No. 483070 dated February 15, 1988, revised February 11, 2004.**

**Description - The F61 and F72 series air cleaners are in-line electrostatic air cleaners intended to be installed in-line with an HVAC or exhaust air system for the removal of particulates such as smoke, grease, oil, dust etc by means of high voltage, but low current (less than 4.5 milliamps) two stage electrostatic precipitation. Both series consist of a regulated high voltage power supply, aluminum collector cell(s), steel enclosure and duct flanges. The F61 series also additionally includes an integral self-washing water wash system. Both models may be installed outdoors with the factory optional rooftop mounting accessories or with a third party provided outdoor weather enclosure.**

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 October 27, 2004, F.P. Index 0405048C.

**Recommendation - That the above units be accepted on condition that:**

- 1. The installation and use shall comply with all applicable requirements of the Building code specifically Reference Standard 13-3 and all other applicable requirements of New York City codes, rules and regulations.**
- 2. Power supply, wiring and installation shall comply with the requirements of New York City Electrical Code and manufacturer's recommendation.**

3. Automatic fire protection system for the range hood shall be provided in the inlet, outlet, and within the electrostatic air cleaner.
4. Actuation of the fire protection system shall cause the shutdown of electric power to the electrostatic air cleaner.
5. Water connection to Model F61A, F61B, F61C shall comply with the requirements of the New York City Department of Environmental Protection and the New York City Department of Health.
6. Intertek Testing Laboratory (Report No. 483070) and manufacturer's installation, maintenance procedures and limitations shall be complied with.
7. These electrostatic air cleaners shall not be used in hazardous locations or to clean atmospheres that contain explosive materials.

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 accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance January 7, 2005  
Examined by Donald J. Ad