



NYC Department of Buildings
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Report of Materials and Equipment Acceptance Division

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 288-01-E Vol. 2

Manufacturer: Trion Inc., 101 McNeil Road, Sanford, CT 27330

Trade Name(s): Trion

Product: Electrostatic Precipitators-Hood and Duct
Accessory-Air Filtration Unit

Pertinent Code Section(s): Reference Standard RS-13, NFPA96.

Prescribed Test(s): NFPA 96, UL 705, USL, CNL

Laboratory: Underwriters Laboratories Inc.

Test Report(s): File MH27669, Dated July 13, 2004.

Description – The exhaust filtration system consists of a unit housing incorporating: (1) an electrostatic precipitator and (2) a filter section. When the filtration unit is located at the termination of the exhaust system, an optional listed power ventilator for restaurant exhaust section may be attached to the filter section. These units are not equipped with integral wash systems. The entire system is intended for installation in accordance with the manufacturer's installation instructions and the Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations, NFPA96.

Product Covered:

Air Filtration Unit, Exhaust Cleaning Assembly Model Air Boss KES Series, Suffixed 2 and 4, Supplied in Nominal 2000 CFM and 4000 FCFM Series

Terms and Conditions: The above electrostatic precipitators are accepted upon the following conditions:

1. Installation shall comply with the New York City Building Code specifically Subchapter 13, and Reference Standard RS-13, inclusive, the UL listing, manufacturer's instructions, the Fire Department Directives, and with the Electrical Code of the City of New York.
2. Grease exhaust duct on outlet of precipitator shall terminate outside the building in accordance with RS 13-3 requirements.
3. Automatic fire protection system for the range hood shall be provided in the inlet, outlet, and with the precipitator.
4. Actuation fire protection system shall cause shutdown of electric power to the precipitator without causing shutdown on the exhaust fan.
5. Exhaust fan shall be located on the outlet duct of the precipitators so that the unit can operate under negative pressure.
6. Manufacturer's installation, maintenance procedures and limitations shall be complied with.
7. Water connection to the precipitator's detergent water wash system shall comply with the requirements of the New York City Department of the Environmental Protection and the New York City Department of Health.
8. 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 8/3/06

Examined by Shyam. Prasad