



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 348-05-E

Manufacturer: Aeon, Inc., 2425 South Yukon Avenue, Tulsa, OK 74107

Trade Name(s): Aeon, Inc.

Product: Combination gas-heating/electric-cooling and air handler units

Pertinent Code Section(s): 27-777, 27-800, RS 15-1 (ANSI Z223.1)

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995), RS 14-6 (ANSI Z21.47)

Laboratory: Intertek Testing Services

Test Report(s): No. 3058980-003 dated July 15, 2005

Description: Rooftop combination gas-heating/electric-cooling units designed for outdoor installation. Heating section operates on natural gas or electric and cooling system employs refrigerant R-410A. Gas section is provided with main burner, heat exchanger assembly, automatic spark ignition burner, induced draft blower assembly, and safety controls. Units, with model numbers, cooling and heating capacities are listed below.

Product Covered

HB VERTICAL and HORIZONTAL DISCHARGE AND AIRHANDLERS:

HB followed by 002, 003, 004 or 005, followed by 3, 4, 6, A or B, followed by V or H, followed by 0, A, B, or C, followed by 0, A, Q, W or 6, followed by 0, 8 or 9, followed by 0, 1,2,3, M or N, followed by 0, 1,2,3 or C, followed by 0, 1, 2, 3, 4 or 5, followed by 0, 1, 2, 3.

RATINGS:

A. Electrical Ratings

Model No.	Voltage	Number of Phases	Frequency
ALL MODELS	208/230	1	60
	208/230	3	60
	460	3	60
	575	3	60

B. Mechanical Ratings

Model Nos.	Static (W.C.)	Cooling (Tons)	Gas Heat (BTUH)			Electrical Heat		
			Input	Output	T-Rise range	Input	BTU	T-Rise range
ALL	0.2"	2,3,4,5	125000	100000	40 – 55			
			100000	80000	35 – 55	10 kw	34130	20 – 60
			75000	60000	25 – 70	20 kw	68260	30 – 60
			60000	48000	20 – 65	30 kw	102390	45 – 60
			45000	36000	20 – 75			

Terms and Conditions: The above-described rooftop heating/cooling units are accepted for outdoor installation only, under the following conditions:

1. Heating section must operate on natural gas or electric and cooling section employs only Refrigerant R-410A.
2. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
3. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770 as to maximum sound levels permitted for exterior mechanical equipment.
4. 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.

5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance 4/30/07

Examined By 