



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 395-90-E Vol. 3

Manufacturer: Bananza Air Management System, Inc.
5320 52nd Street, S.E., Kentwood, MI 49512

Trade Name(s): Bananza/Rapid Engineering

Product: Direct gas-fired make-up air heaters

Pertinent Code Section(s): 27-800, 27-826, RS 14-2 (ANSI Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z83.4)

Laboratory: Intertek ETL Semko

Test Report(s): Report No. 3014056-001 dated January 21, 2003 and May 31, 2003, and Report No, 3050391-001 dated July 31, 2003 and Intertek letter dated October 11, 2007.

Description: Direct gas-fired make-up air heaters intended for indoor or outdoor installation to supply make-up air for commercial/industrial applications. Unit is comprised of main burner, intermittent ignition systems comprising of electrode, spark generator, sensor, pilot regulator and combination gas-pressure regulator, high-limit temperature control, air-flow switch, discharge air temperature control and blower assembly. Units, with model numbers and input heating ratings, are listed below:

Bananza	Rapid	Combat	Blackheat	Weather-Rite	Maximum Input Heating Rating (Btu/hr)
B-350	2005	DF40	BDF40	XT112	426,943
B-650	2010	DF75	BDF75	XT115	1,188,000
B-1000	2010	DF50	BDF150	XT118	1,663,200
B-2000	2020	DF270	BDF270	XT125	2,512,406
B-3000	2030	DF410	BDF410	XT130	4,752,000
B-4000	2040	DF700A	BDF700A	---	5,600,000
B-5000	2050	DF700B	BDF700B	---	7,000,000

Terms and Conditions: The above-described fired gas make-up air heaters are accepted under the following conditions:

1. Units shall be fired by natural gas only.
2. Units may be installed on combustible flooring. Minimum installed clearances from combustible construction shall be as follows: top, front and rear – 6 inches, sides – 12 inches, service clearance – 48 inches.
3. Units shall not be operated until installation is approved for such operation by the Gas Company.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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 in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance November 8, 2007

Examined By Siun Derphidan