



NYC Department of Buildings
 280 Broadway, New York, NY 10007
 Patricia Lancaster, FAIA, Commissioner
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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 445-05-E

Manufacturer: Roberts Gordon, 1250 William Street, Buffalo, N.Y. 14206

Trade Name(s): Vantage®, HeatRite™, Combat®, EnergyTube®, RAPID™, BANANZA®, Weather-Rite™

Product: Gas-fired, low-intensity infrared heater

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

Prescribed Test(s): RS 14-6 (ANSI Z83.6, ANSI Z83.20b)

Laboratory: CSA International

Test Report(s): CSA File #1655010 (112430-S), dated May 17, 2005

Description: Overhead, gas-fired, vented low-intensity infrared heaters. CTH3 / CM / EM / VM Series heater consists of burner unit, steel, aluminized steel or titanium/steel alloy heat exchanger and reflector. Burner unit houses burner sequencing and ignition control, gas valve, 24v transformer, pressure switch, hot surface igniter, flame sensor and blower. Units, with model numbers and input heating, are listed below:

Model Number	Input Heating Rating BTUH
(CTH3, CM, EM, VM)- 80	80,000
(CTH3, CM, EM, VM)-115	115,000
(CTH3, CM, EM, VM)-150	150,000
(CTH3, CM, EM, VM)-200	200,000

Terms and Conditions: The above units are accepted for use in New York City subject to the following conditions:

1. Units shall be fired by natural gas only.
2. Minimum installed clearances for combustibile construction shall in accordance with RS14-15 of the New York City Building Code.
3. Units are not approved for residential use.
4. Units shall not be installed when flammable gases or vapors are present.
5. Provide required combustion air, ventilation air and exhaust.
6. Provide clearances to combustibile surfaces as required above.
7. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
8. Units shall be installed in accordance with the Energy Conservation Construction Code of New York State.
9. All shipments and deliveries 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 November 2, 2005

Examined by Simon Deshpande