

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 Materials and Equipment Acceptance (MEA) Division.

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

MEA 6-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – Captive-Aire Systems, Inc. for Thermotek, 112 Wheaton Drive, Youngsville, NC 27596.

Trade Name(s) – Thermotek.

Product – Direct gas fired unit 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 Testing Services.

Test Report(s) – No. J20042560-001 dated June 15, 2001, revised April 30, 2002.

Description – Direct fired heaters that consist of burner in the air stream such that the products of combustion are diluted in the fresh air passing through the heater. The unit described herein consists of an air handling enclosure with provision for fresh (outdoor) air intake and heated air discharge, access panels, forward curved centrifugal fan powered by up to a 20 HP motor (all units have 1 blower). It also consists of a Midco line burner, appropriate gas control devices, electrical components, and internal wiring.

Model Number	Heat Input (BTUH)	
	Minimum	Maximum
T1-D.250-G10	18,333	275,000
T1-D.500-G10	18,333	550,000
T2-D.500-G15	18,333	550,000
T2-D.750-G15	27,500	825,00
T3-D.500-G18	18,333	550,000
T3-D.750-G18	27,500	825,000
T3-D.1000-G18	36,667	1,100,000
T4-D.750-G20	27,500	25,000
T4-D.1000-G20	27,500	825,000
T4-D.1250-G20	45,883	1,375,000
T4-D.1500-G20	55,000	1,650,000
T5-D.2000-G25	73,333	2,200,000
T5-D.2500-G25	91,667	2,750,000

- Notes:
1. Units may be installed on combustible flooring.
 2. Minimum clearances to combustible construction shall be six inches from top, back, sides, and front of the appliance.

Recommendation - That the above described direct fired gas make-up air heater be accepted for operation on natural gas only, under the following conditions:

1. Heaters shall not be operated until installation is approved for such operation by the Gas Company.
2. 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.
3. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance

1/30/03

Examined By

[Signature]