



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 272-02-E Vol. 3

Manufacturer: NY Thermal Inc., 31 Industrial Drive, Sussex, NB Canada E4E2B7

Trade Name(s): TRINITY

Product: Wall Hung, Direct Vent Gas Boiler Assemblies

Pertinent Code Section(s): 27-800, 27-826, 27-886, And RS 14-2 (Ansi Z223.1)

Prescribed Test(s): RS 14-6 (ANSI Z721.13)

Laboratory: CSA International

Test Report(s): CSA Report 1225709 Dated September 7, 2001 and June 11, 2004 and April 23, 2006.

Description –Wall hung, modulating, condensing gas fired boiler design for combination of domestic hot water and heating. Unit comprises of sealed combustion chamber, main burner , heat exchanger assembly, igniter, ignition module sensor and gas pressure regulator, pressure switches, water flow sensor and pressure relief valve and control. Unit with model number and input ratings are listed below:

Model No.	Input Heating Rating BTUH
Ti-100 (c)	15,000 – 100,000
Ti-150 (c)	25,000 – 150,000
Ti-200 (c)	25,000 – 200,000
Ti-400 (c)	75,000 – 399,000

Notes:

- Units may be installed as a wall hung with 0 clearances from combustible construction.
- Direct venting (sealed combustion) installation is as follows:

Category 111 (Horizontal)

Materials: Vent Piping

(M, T, Ti, GX, GT) 100/150/200- 2" & 3"- ABS, CPVC, PVC
3"-AL29-4C stainless steel vent pipe-Rigid or Flex

Air Supply Piping

(M, T, Ti, GX, GT) 100/150/200- 2" & 3" –ABS, CPVC, PVC
3"-Galvanized steel vent pipe, Flex Aluminum

Vent Pipe Diameter: 2", 3", 4" or 6" (See Manual)

Max. Vent Length-40 feet plus determination-For 2" vent
105 feet plus determination-For 3" vent
30 feet plus determination-For 4"vent
65 feet plus determination-For 6" vent

Min. Vent Length: One (1) elbow plus 2 feet determination

Elbow: One (1elbow)= 5 feet

Vent Termination: (Refer to Manual for specific Instructions)
-90 degree elbow or Alternate.

Terms and Conditions: That the above described gas fired, direct vent boilers, constructed in accordance with the ASME Boiler Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only, when connected to compatible approval gas vent in accordance with Article 15 of the Building Code and Section 27-886. This acceptance includes the external piping, connections and appurtenance thereto, which are required to fully conform with applicable provisions of the law, but not have been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control Board before installation. 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 July 12, 2006

Examined By Simon Derphinder