



# 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 457-05-E

**Manufacturer:** NY THERMAL INC  
31 Industrial Dr.  
Sussex, New Brunswick, Canada E4E 2R7

**Trade Name(s):** HYDROTHERM

**Product:** DIRECT VENT GAS FIRED BOILERS

**Pertinent Code Section(s):** 27-800, 27-824, 27-886, RS 14-2(ANSI Z223.1)

**Test(s):** RS14-6

**Laboratory:** CSA INTERNATIONAL

**Test Report(s):** CSA Report 1225709 dated June 14, 2005.

**Description** – Direct vent gas fired, low-pressure hot water boiler GX-series, with stainless steel condensating heat exchanger, sealed modulation combustion system with hot surface ignition, is designed for residential use. Units, with model numbers and input heating ratings, are listed below:

Model No.	Input Rating, BTUH
GX 150	150,000
GX 200	200,000

Notes: Units may be installed on combustible flooring, minimum installed clearances from combustible construction shall be as followed: top, front, flue or vent connector, back, left and right side- 0 inches. Units may be direct vented with the following conditions:

Materials:

### VENT PIPING

2" & 3"- ABS, CPVC, PVC

3"-AL29-4C stainless steel vent pipe, Rigid or Flex

**AIR SUPPLY PIPING**

2" & 3"-ABS, CVS, PVC

3"-Galvanized steel vent pipe, Flex Aluminum

**Vent Pipe Diameter:** 2" or 3" (See manual)

**Max. Vent Length:** 40 feet plus termination – For 2" vent  
105 feet plus termination- For 3" vent

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

**Elbow:** One (1) elbow = 5 feet

**Vent Termination:** (Refer to Manual for specific Instructions)  
-90 degree elbow

**Terms and Conditions:** The above described gas fired hot water boilers, constructed in accordance with the ASME Code and installed as per clearances to combustible construction specified above, be accepted for use with natural gas only, when connected to compatible approved gas vent in accordance with Article 15 of the Building Code and Section 27-886. This acceptance in no way includes the external piping, connections, and appurtenances thereto, which are required to fully conform with applicable provisions of law, but have been tested in conjunction with this application. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department 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 those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance April 10, 2006

Examined By Sun Deshpande