



THE FUTURE OF HOME HEATING

TX51-200 NON-COMBI SUBMITTAL  
Section 1 - General Specifications  
Section 2 - Product Dimensions  
Section 3 - Field Wiring

Project Name: \_\_\_\_\_ Date: \_\_\_\_\_  
Location: \_\_\_\_\_  
Engineer: \_\_\_\_\_  
Contractor: \_\_\_\_\_ Rep: \_\_\_\_\_

I - GENERAL SPECIFICATIONS

Product Features:

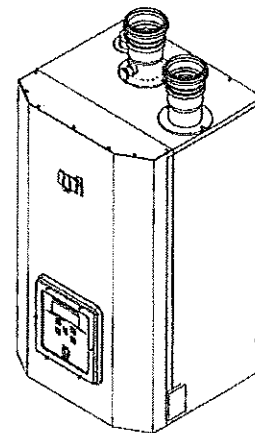
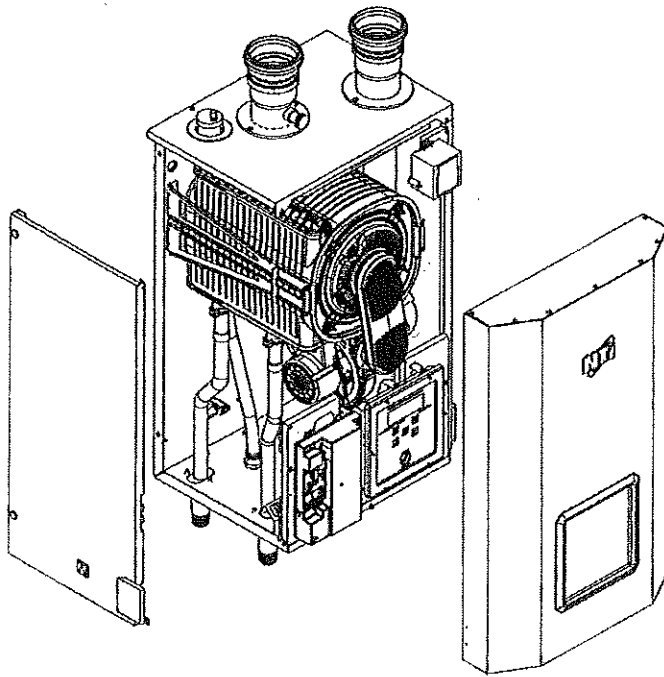
- ✓ Certified to ANSI Z21.13 / CSA 4.9 Gas-fired Boiler Standard
- ✓ ASME "H" stamped boiler, designed and constructed in compliance with the ASME Boiler and Pressure Vessel Code Section IV
- ✓ SA-268 S43940 Stainless Steel Heat Exchanger
- ✓ Maximum operating pressure 50 psi [344.7 kPa]
- ✓ Modulating burner, 8:1 turndown ratio
- ✓ Direct Spark Ignition
- ✓ Wall (standard) or floor mounting (w/ opt. kit, NTI part # 84630)
- ✓ Zero clearance to combustibles
- ✓ 57-199 MBH [57,000-199,000 BTU]
- ✓ Field conversion from Natural Gas (factory) to Propane
- ✓ Optional Sidewall vent kits
- ✓ 120VAC outlet for condensate pump
- ✓ On/Off switch

Factory Supplied Items

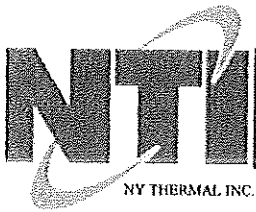
- ✓ 10K thermistor outdoor sensor
- ✓ 30PSI [206.8 kPa] ASME Relief Valve
- ✓ 60PSI [413.7 kPa] Pressure Gauge
- ✓ Condensate Trap
- ✓ Water Pressure Sensor

Control Features

- ✓ Integral microprocessor safety control
- ✓ Domestic Hot Water Priority timer
- ✓ Outdoor Reset
- ✓ Warm weather shut down
- ✓ Freeze protection
- ✓ Cascade up to 16 Tx series boilers
- ✓ 3 circulator outputs
- ✓ Outdoor reset temperature boost
- ✓ Compatible with indirect water heater w/ tank sensor or switch
- ✓ Service reminder
- ✓ Adjustable pump post purge
- ✓ Run time accumulation
- ✓ Night setback option
- ✓ Lockout and error history



NY Thermal Inc.  
NY Thermal Inc. 30 Stonegate Drive, Saint John, NB E2H 0A4 Canada  
Technical Service: 1-800-688-2575 Fax: 1-506-432-1135 Web: [http:// www.nythermal.com](http://www.nythermal.com)  
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2014-08-18 | Rev.0



**Model Specifications**

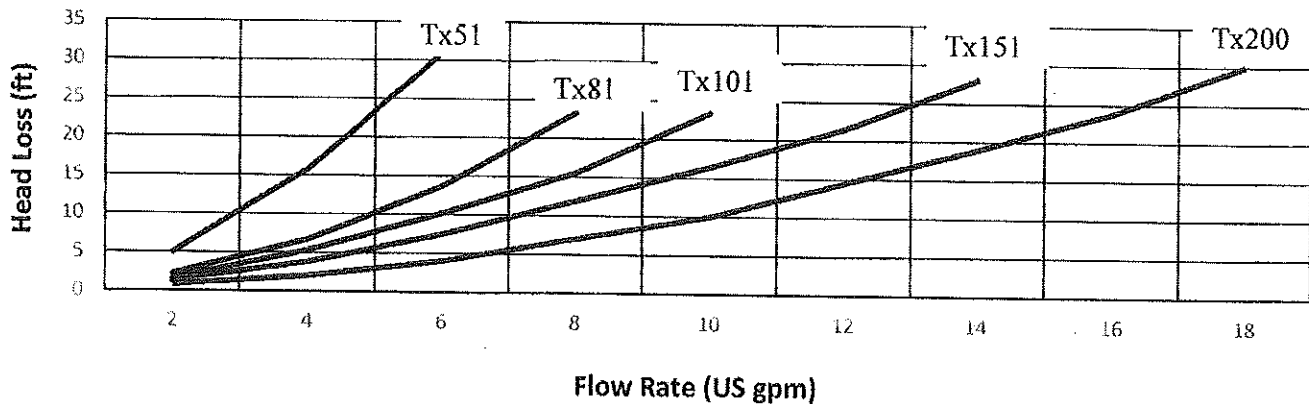
Model	Water Conn. NPT, in.	Gas Connection NPT, in.	Vent/Air-Intake Pipe Diameter in.	Vent/ Air-Inlet Max. Length, Ft.		Approx. Wt. w/Water lb.
				2 in. Venting	3 in. Venting	
Tx51	1 (Male)	½ (Female)	2 or 3	100	150	77
Tx81	1 (Male)	½ (Female)	2 or 3	100	150	79
Tx101	1 (Male)	½ (Female)	2 or 3	100	150	86
Tx151	1 (Male)	½ (Female)	2 or 3	100	150	87
Tx200	1 (Male)	½ (Female)	3	NA	100	109

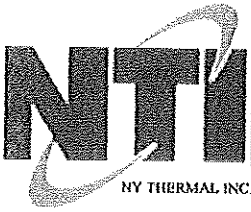
**Heating Specifications**

Model	Input		Heating Capacity BTU/hr	AFUE %	NET I=B=R Rating BTU/hr
	Min BTU/hr	Max BTU/hr			
Tx51	7,125	57,000	52,000	94	45,000
Tx81	10,250	82,000	75,000	94	65,000
Tx101	12,625	101,000	92,000	94	80,000
Tx151	18,875	151,000	139,000	94	120,000
Tx200	24,875	199,000	184,000	94	160,000

**Performance Specifications**

**Tx51-200 Performance Chart**

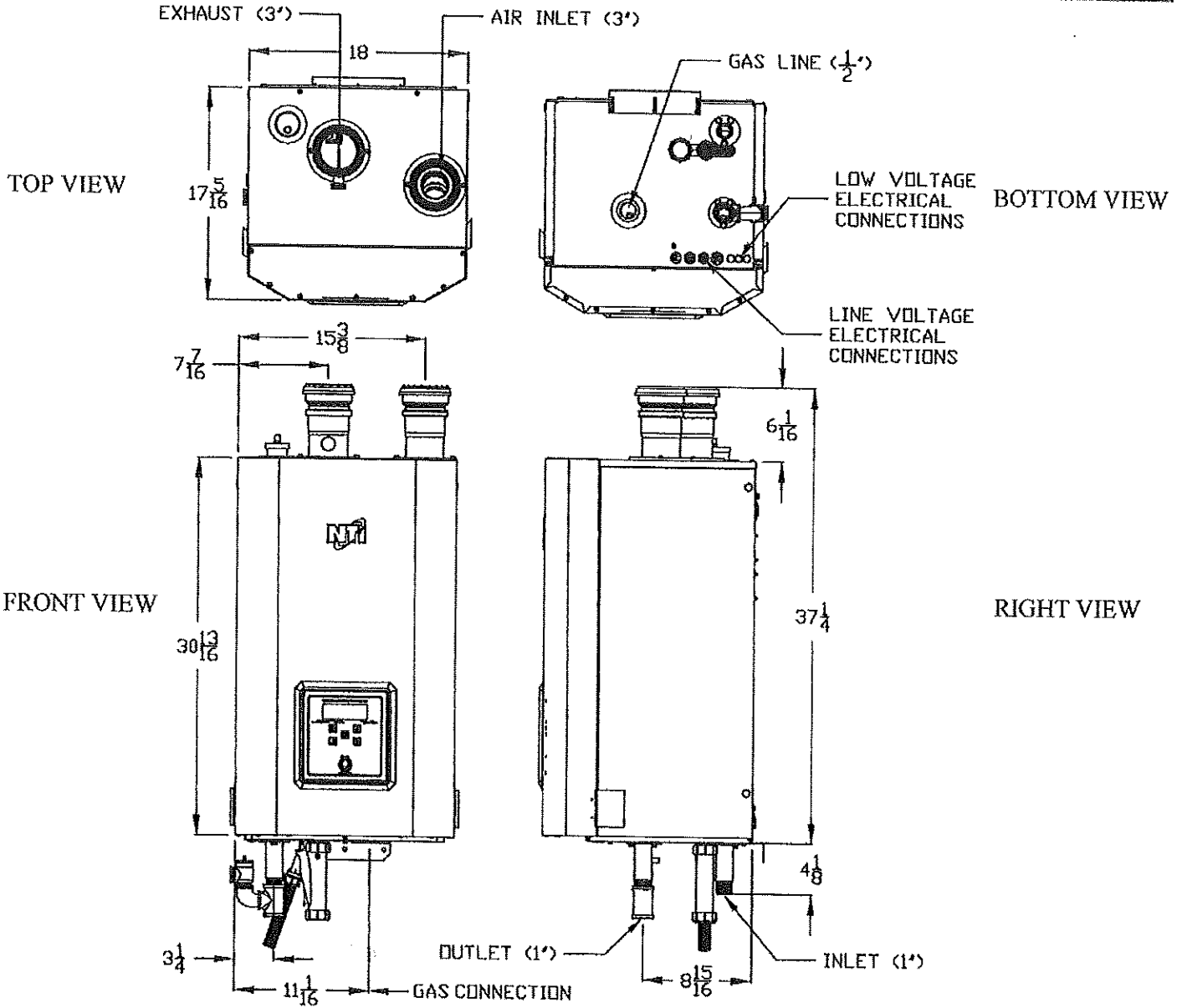




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2 – PRODUCT DIMENSIONS [IN.]



RECOMMENDED CLEARANCES [IN.]

Front	Top	Sides	Back	Bottom	Flue Pipe
36	24	12	0	24	1



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3 -- FIELD WIRING

