



Trinity Tx151C (Combi) High Efficiency Gas Modulating-Condensing Boiler

Submittal Sheet

Section 1 - Specifications
Section 2 - Dimensions
Section 3 - Electrical

Project Name: _____ Date: _____

Location: _____

Engineer: _____

Contractor: _____ Rep: _____

1 SPECIFICATIONS

General Specifications

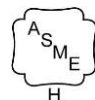
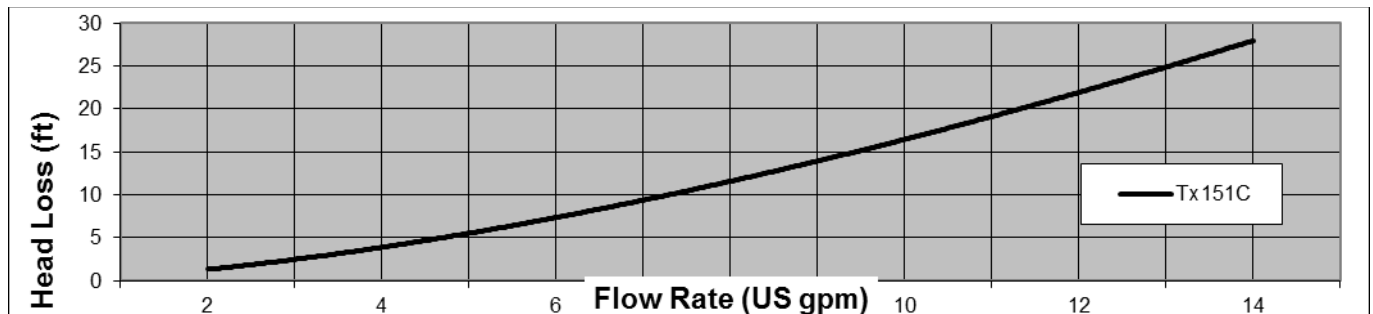
- ▶ Product Features
 - Certified to ANSI Z21.13 / CSA 4.9 Gas-fired Boiler Standard
 - ASME "H" stamped boiler, designed and constructed in compliance with the ASME Boiler and Pressure Vessel Code Section IV
 - SA-268 S43940 Stainless Steel Heat Exchanger
 - Maximum operating pressure 50 psi
 - Field conversion from Natural Gas (factory) to Propane
 - Instantaneous domestic hot water (no indirect tank required)
 - Modulating burner, 5:1 turndown
 - Direct Spark Ignition
 - Wall (standard) or floor mounting (w/ opt. kit, NTI part # 84630)
 - Zero clearance to combustibles
- ▶ Optional sidewall vent kits (NTI part # 82666 & 84357)
- ▶ Factory Supplied Items
 - Integrated boiler circulator
 - Integrated DHW flow sensor
- ▶ Factory Supplied Items (cont'd)
 - Integrated DHW heat exchanger
 - Integrated diverter valve
 - Water pressure sensor
 - 10K thermistor outdoor sensor
 - 30PSI ASME Relief Valve
 - 60PSI Pressure Gauge
 - Low-loss header w/ 1" sweat connections
- ▶ Control Features
 - Integral microprocessor safety control
 - Domestic Hot Water Priority
 - Outdoor reset
 - Warm weather shutdown
 - Freeze protection
 - Lead-Lag up to 16 Tx series boilers

Model	Water Conn. NPT in.	Gas Connection NPT, in.	Vent/Air Inlet Pipe Diameter in.	Vent/Air Inlet Max. Length, NG/LP ft.		Approx. Wt. w/ Water lb.
				2 in. venting	3 in. venting	
Tx151C	3/4	1/2	2 or 3	100	150	98

Heating Specifications

Model	Input		Heating Capacity BTU/hr	AFUE %	Net I=B=R Rating BTU/hr
	Min BTU/hr	Max BTU/hr			
Tx151C	30,200	151,000	138,000	93.1	120,000

Performance Specifications



NY Thermal Inc.

65 Drury Cove Road Saint John, NB E2H 2Z8 Canada

Technical Service: 1-800-688-2575 Fax: 1-506-432-1135 Web: <http://www.nythermal.com>

NY Thermal Inc. reserves the right to change these specifications without notice

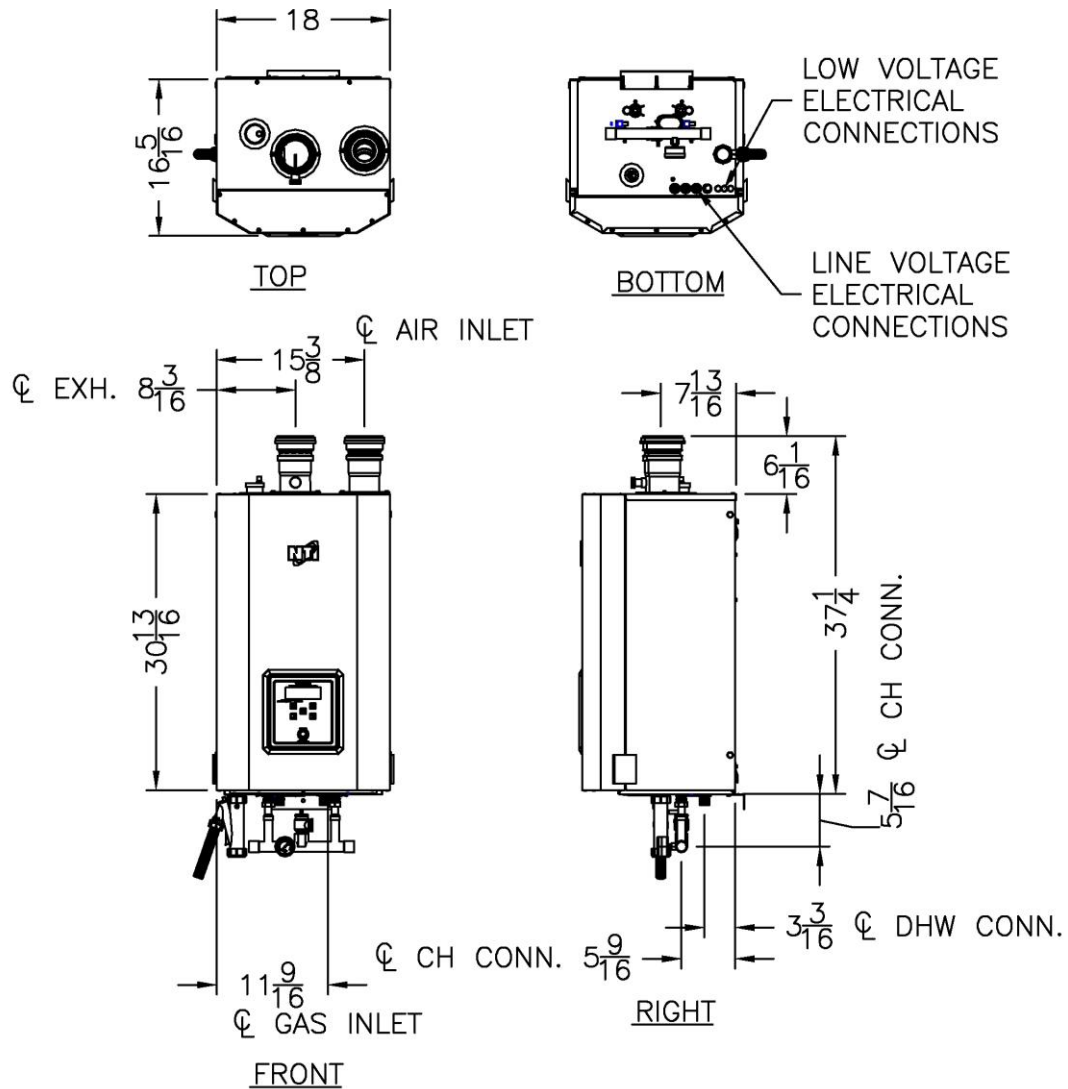


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High Efficiency Gas
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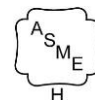
2 DIMENSIONS

Product Dimensions – in.



Recommended Clearances – in.

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



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3 ELECTRICAL

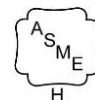
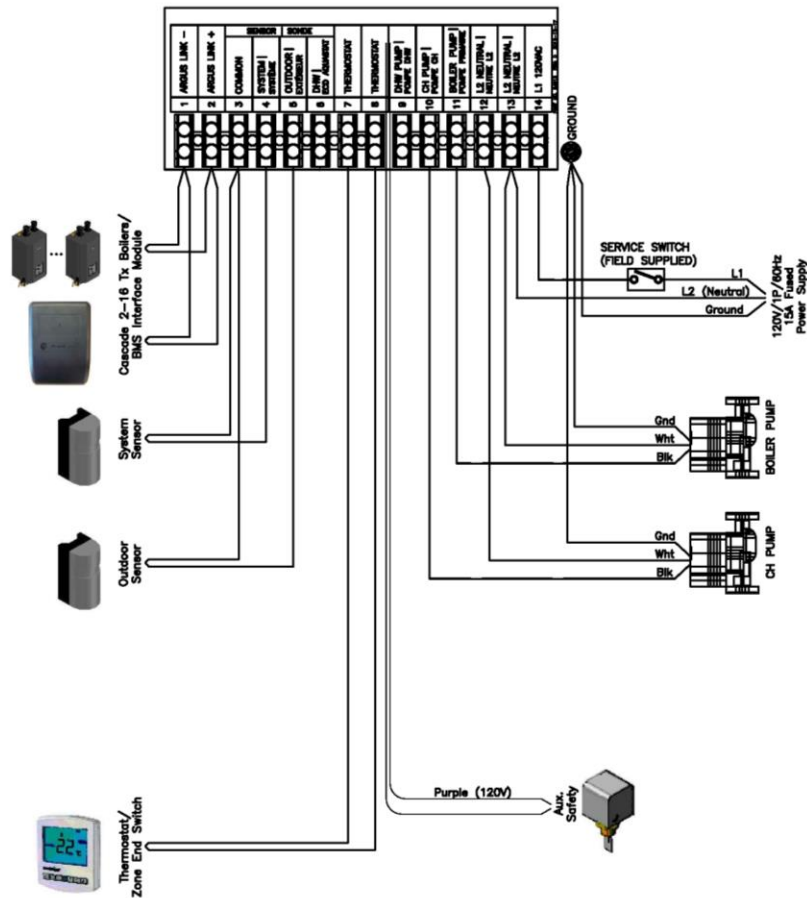
Simplified Wiring Diagrams

Low Voltage Electrical:

- ▶ Barrier Strip for field wiring terminations
- ▶ Inputs
 - Thermostat (by others)
 - External Limit (by others)
 - Outdoor sensor (factory supplied)
 - System sensor (factory option)
- ▶ ArgusLink communications for Lead-Lag

Line Voltage Electrical:

- ▶ 120VAC / 60 Hz / 1 Phase / 12 Amp
- ▶ Barrier Strip for field wiring terminations
- ▶ 2 Pump outputs
 - Boiler Pump (integrated, factory supplied)
 - Central Heat (CH Pump) (field supplied)



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