Inspections Division
Date: 06/17/14

Trinity Ti150 (ASME) High Efficiency Gas 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 indicating compliance with applicable ANSI/UL standards
- "H" Stamped in compliance with ASME Section IV
- Maximum operating pressure 145 psi [1000 kPa]
- Field conversion from Natural Gas (factory) to Propane
- Modulating burner, 5:1 turndown
- Hot Surface Ignition
- Wall or floor mounting (w/ optional floor stand)
- Zero clearance to combustibles

► Optional sidewall vent kit (NTI part # 82666)

► Factory Supplied Items
- 1 – 500ml bottle Fernox F1 Protector
- 10K thermistor outdoor sensor
- 30PSI ASME Relief Valve
- 60PSI Pressure Gauge

► Control Features
- Domestic Hot Water Priority
- Outdoor reset

Water Connections NPT, in.	Gas Connection NPT, in.	Vent/Air-Intake Pipe Diameter in. [mm]	Vent/Air-Intake Max. Length, NG/LP ft. [m]	Approx. Weight with Water lb. [kg]
1	1/2	3 [76]	105 / 50 [32 / 15.2]	80 [36.3]

Heating Specifications

Input		Heating Capacity BTU/hr [kW]	AFUE %	Net I=B=R Rating BTU/hr [kW]
Min BTU/hr [kW]	Max BTU/hr [kW]			
25,000 [7.3]	150,000 [44.0]	136,000 [39.8]	93.5	118,000 [34.8]

Performance Specifications

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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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2 DIMENSIONS

Product Dimensions – in. [mm]

Recommended Clearances – in. [mm]

Top	Front	Left	Right	Back	Bottom
24 [610]	24 [610]	24 [610]	24 [610]	0	9 [229]

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3 ELECTRICAL

Simplified Wiring Diagrams

Line Voltage Electrical:
► 120VAC / 60 Hz / 1 Phase / 12 Amp
► 2 Pump outputs
- Indirect Domestic Hot Water
- Primary circulator

Note: Pumps are field supplied.

Low Voltage Electrical:
► Barrier Strip for field wiring terminations
► Inputs
- Thermostat (by others)
- Indirect DHW aquastat (by others)
- Outdoor sensor (factory supplied)

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