

TRX Series II



Next Evolution of the NTI Boilers

Available in:

85 to 199 MBH

Key Benefits:

- *Advanced User Interface with Easy Setup Wizard*
- *Simpler Wiring with Improved Junction Box*
- *NTI Net for WiFi and Remote Connectivity*
- *Integrated ECM Primary Pump*
- *Combi and Heat Only Versions Available*

5-year parts/limited lifetime on heat exchanger



ntiboilers.com

UP TO **96%** EFFICIENT

TRX Series II

A NEXT LEVEL HEATING EXPERIENCE

| *The new advanced system interface*

- | Easy to read 3.75" display
- | Intuitive menu navigation via central dial
- | Easy first installation with the setup wizard
- | Access through the menu to multifunction settings: time, zone, mode programming, holiday
- | Management of 2 zone pumps CH directly from display thanks to the new junction box with integrated outputs
- | Multi-temperature modulating control



ENDURING QUALITY INSIDE AND OUT

| Innovative XTRATECH™ heat exchanger enhancing durability

Made entirely from stainless steel, the TRX Series II heat exchanger utilizes a single formed, helically wound water tube coil, thereby enhancing durability by eliminating welds and potential failure points. With a large diameter, the single tube keeps pressure losses in check by offering a cross-sectional area more than 150% larger than other products in the market.

- | Innovative design for outstanding efficiency
- | Compact and extremely quiet package
- | Mono flow water tube design for increased water flow and internal turbulence
- | Scrubs internal wall surfaces, reducing heat exchanger deposits



TRX Series II

ACCESSORIES



Galvanized Floor Stands



Trinity Floor Stand



0-10V / 4-20mA Clip-In Module



TRX / FTVN Low Loss Header



Modulating Room Sensor



Heat Exchanger Coil Cleaning Tool

DIMENSIONS

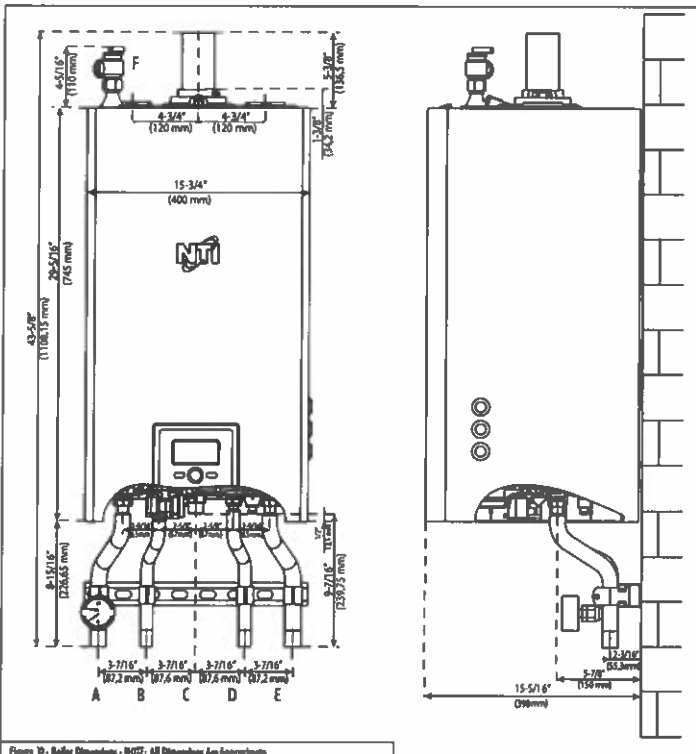


Figure 9 - Boiler Dimensions - NOTE: All Dimensions Are Approximate

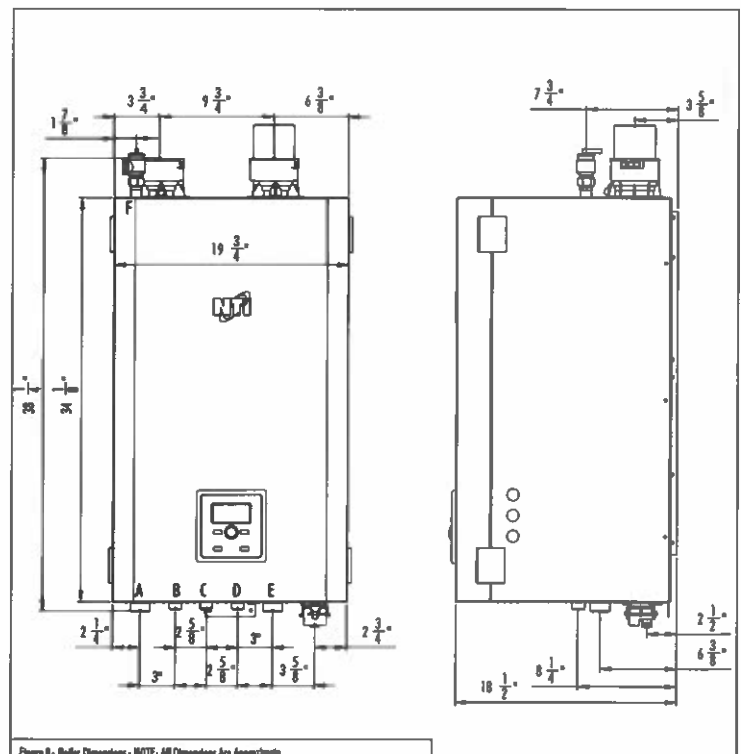


Figure 8 - Boiler Dimensions - NOTE: All Dimensions Are Approximate

| Model | TRX085 | TRX120 | TRX110C | TRX150C |
|---------------------------------------|--------|--------|---------|---------|
| A - Central Heating Supply | | 1" | | |
| B - Return from Indirect Water Heater | | 3/4" | | |
| C - Gas Inlet | | 3/4" | | |
| D - Domestic Hot Water Inlet | N/A | | 3/4" | |
| E - Central Heating Return | | 1" | | |
| F - Pressure Relief Valve | | 3/4" | | |

Table 9 - Boiler Adapter Dimensions

| Model | TRX150 | TRX199 | TRX199C |
|---------------------------------------|--------|--------|---------|
| A - Central Heating Supply | | 1" | |
| B - Return from Indirect Water Heater | | 3/4" | |
| C - Gas Inlet | | 3/4" | |
| D - Domestic Hot Water Inlet | | N/A | 3/4" |
| E - Central Heating Return | | 1" | |
| F - Pressure Relief Valve | | 3/4" | |

Table 9 - Boiler Adapter Dimensions

TRX Series II

SPECIFICATIONS

| MODEL | | TRX085 | TRX120 | TRX150 | TRX199 | TRX110C | TRX150C | TRX199C | |
|-------------------------------|-------------------------------------|--|---------|----------|---------|----------|----------|----------|----------|
| Order Code | | 3314216 | 3314218 | 3314306 | 3314307 | 3314217 | 3314219 | 3314308 | |
| Capacity | Input Rating CH ¹ | MBH | 9.4-85 | 13.2-120 | 15-150 | 19.7-197 | 11.2-106 | 13.2-120 | 19.7-197 |
| | Input Rating DHW ¹ | | | | | | 11.2-114 | 13.2-150 | |
| | Heating Capacity ^{1 2} | | | | | | 79 | 111 | |
| | Net AHRI Rating, Water ² | | | | | | 69 | 97 | |
| | Modulation (turndown) | | | | | | Ratio | 9:1 | |
| Performance | AFUE | % | 96 | 95 | | | 95.5 | 95 | |
| DHW Flow | 35°F Rise | GPM | N/A | | | | 5.9 | 7.8 | 10.5 |
| | 45°F Rise | | | | | | 4.6 | 6.1 | 8.2 |
| | 77°F Rise | | | | | | 2.7 | 3.5 | 4.8 |
| Venting Length ^{3 4} | 2" Min-Max Exhaust | Ft | 6-100 | | | | | | |
| | 2" Min-Max Inlet | | 0-100 | | | | | | |
| | 3" Min-Max Exhaust | | 6-150 | | | | | | |
| | 3" Min-Max Inlet | | 0-150 | | | | | | |
| Volume | Water Content | Gallons | 1.1 | 1.2 | 2 | 2.7 | 1.1 | 1.2 | 2.7 |
| Weight | Approx "Full Boiler" | Lbs | 88 | 89 | 115 | 130 | 91 | 93 | 135 |
| | Shipping | | 78 | 84 | 115 | 130 | 83 | 84 | 135 |
| | Safety Devices | Flame Rectifier Probe, Temperature Limit Control (190°F), Water Pressure Switch (Min. 8 PSI), Freeze Protection, Condensate Trap, Flue Temperature High Limit Sensor (199°F) | | | | | | | |

¹ Listed Input and Output Ratings are at minimum vent lengths at an altitude of 0 - 2000 ft. Numbers will be lower with longer venting and/or altitudes greater than 2000 ft.

² Ratings based on standard test procedures prescribed by the US Department of Energy and certified to ANSI Z21.13/CSA 4.9

³ The TRX requires a special venting system. Use only the vent materials and methods detailed in these installation instructions.

⁴ It is permissible to use SS vent material, however, only PVC/CPVC/PP can be directly inserted into the appliance adapters.

distributed by:



Products you need
from people who care

NTI Boilers Inc.

30 Stonegate Drive, Saint John
New Brunswick E2H 0A4 Canada
Tel: 506-657-6000
Tollfree: 800-688-2575
Fax: 506-432-1135

Scan here for more details:

