

TRX Series

Next Evolution of Water Tube Boilers



Products you need
from people who care

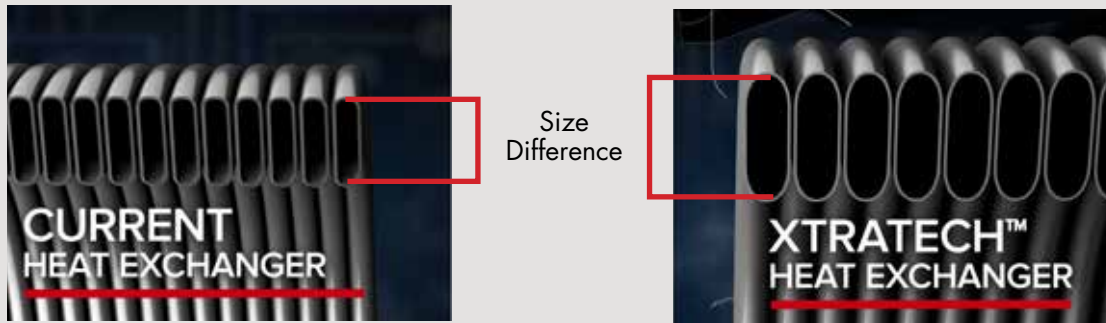
- Innovative XTRATECH® stainless steel heat exchanger with large diameter tubing
- Modulating Combustion up to 11:1
- Models up to 96% AFUE
- Wi-Fi on board for remote control and monitoring
- Heat Only and Combi versions available
- Integrated ECM pump and DHW diverter valve on all models
- Small zone valve systems may not require an additional pump or a low loss header
- Easy service access and quick component connections
- For Indirect DHW applications, internal diverter valve eliminates need for indirect pump.

95-96% AFUE



| Innovative XTRATECH® heat exchanger

Made entirely from stainless steel, the TRX 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. Its innovative design ensures outstanding efficiency, while maintaining a compact and extremely quiet package. The innovative mono flow water tube design provides increased water flow and internal turbulence, which scrubs internal wall surfaces, reducing internal heat exchanger deposits.



| Exclusive NTI Net, Wi-Fi connectivity



Wi-Fi on board for remote access and monitoring

Every unit is equipped with embedded Wi-Fi connectivity so that the TRX brain can easily communicate with NTI remote connectivity tools, making servicing easier. Push notifications can be sent to the Homeowner or Service Company for errors and lockouts. Maintenance reminders or abnormal behavior, can be detected saving time and help prevent no heat situations.

The exclusive Wi-Fi capability and NTI Net Program, provides the occupants much greater confidence, that boilers in unattended properties are operating correctly, and providing adequate heat.

Service companies can monitor all their installed TRX boilers with the NTI Net program. Thanks to the remote diagnostic system and 24/7 remote monitoring, it is now possible to be closer to your customer than ever before.

Review boilers displaying irregular operation, and proactively schedule service appointments to determine the source of the problem. Eliminating urgent service visits, and no heat calls. NTI Net gives you all the tools to schedule regular maintenance and service, based on operating conditions, that can be remotely observed.

Registered "NTI Net Heating Professionals", can modify settings remotely in order to maximize and guarantee proper operation.

Hot water

The TRX provides unparalleled delivery of domestic hot water through our Combi models, or using an optional indirect water heater. NTI is the leader in Combi technology providing adequate and abundant domestic hot water.



Easy service access and quick component connections

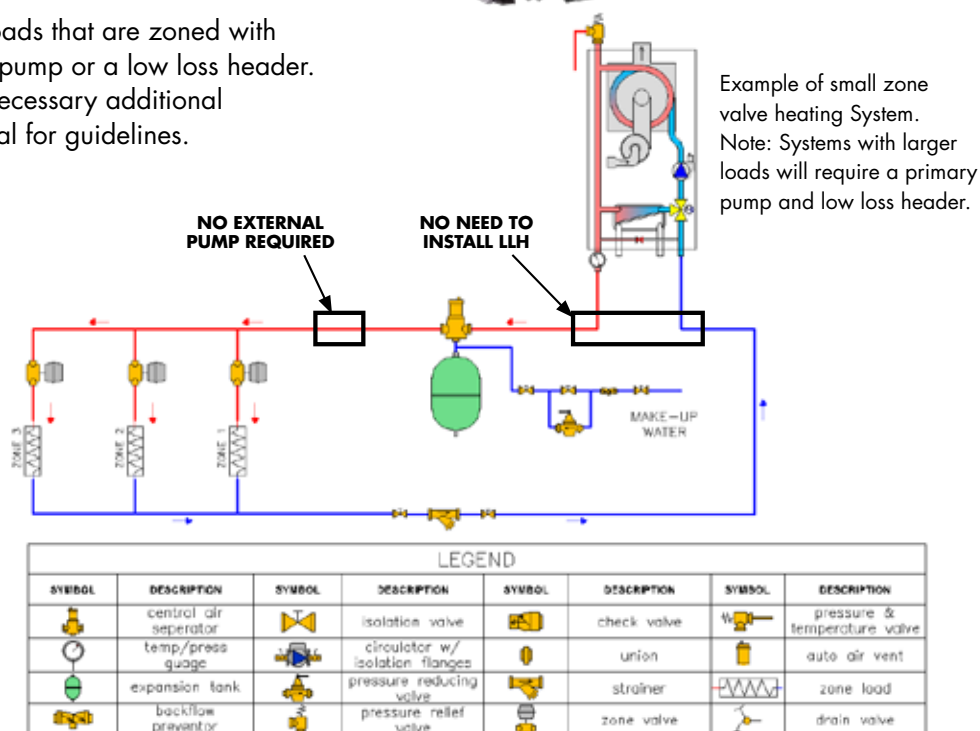
All internal components utilize bayonet quick connectors, eliminating the need to braze or solder within the unit. Components can be efficiently serviced.

Swing down control box greatly enhances serviceability, making all major components easily accessible.

Integrated high efficiency ECM primary pump

The TRX features a custom designed, integrated hydro-block that includes everything needed: a high efficiency ECM pump for quiet, efficient operation, and a diverter valve that makes an external indirect pump unnecessary.

Simple heating systems with small heat loads that are zoned with zone valves may not require an external pump or a low loss header. The TRX saves hundreds of dollars in unnecessary additional equipment. Consult the Installation Manual for guidelines.



Additional technical features:

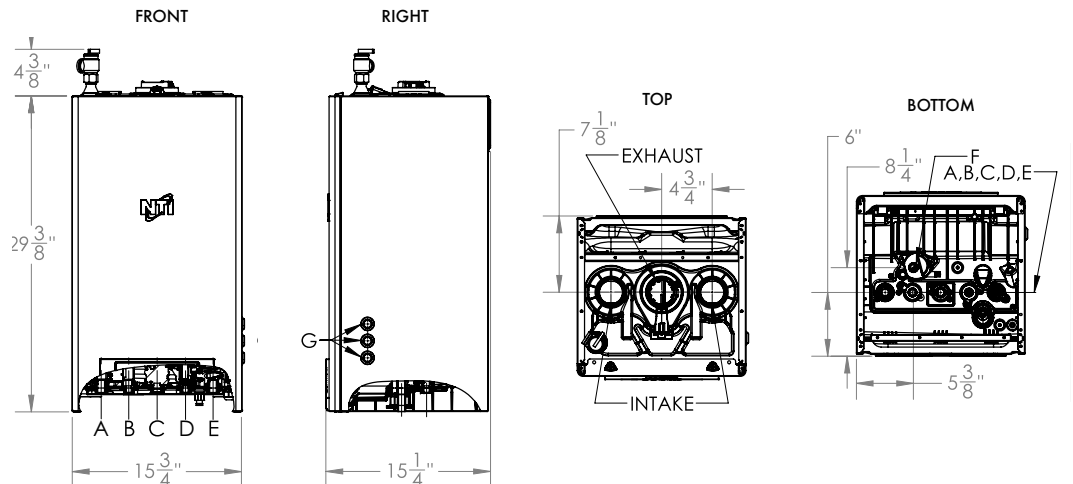
- Two adjustable and independent heating zone input
- Flexible left or right air Inlet options
- Field convertible to LP
- Outdoor sensor included for adjustable outdoor reset
- Cascade up to 8 boilers
- High energy ignition transformer
- Extremely quiet sealed cabinet design
- Optional 4-20mA or 0-10V input
- CH and DHW pump outputs
- Integrated easy-to-service DHW filter
- Error history
- Indirect water heater ready - either with tank thermostat or sensor

DEPENDABLE BY DESIGN

At NTI, we manufacture all our boilers to the highest industry standards. Our in-factory Quality Control tests are the most rigorous in the industry. Every TRX boiler is factory fire-tested and calibrated for optimal performance. Our limited lifetime warranty provides you with the assurance of years of worry-free operation and our Technical Support is second-to-none.

Dimensions

A	Central Heating Outlet
B	Domestic Hot Water Outlet
C	Gas Inlet
D	Domestic Hot Water Inlet
E	Central Heating Inlet
F	Condensate Drain
G	Electrical Connections



Specifications

	TRX085	TRX120	TRX110C	TRX150C
Input Heating	9.4 - 85 MBH	13.2-120 MBH	11.2-106 MBH	13.2 - 120 MBH
Input DHW			11.2-114 MBH	13.2 - 150 MBH
AFUE	96%	95%	95.5%	95%
Heating capacity	79 MBH	111 MBH	98 MBH	111 MBH
Net AHRI Rating	69 MBH	97 MBH	85 MBH	97 MBH
DHW Flow Rate at 77°F T Rise (Combi)	N/A	N/A	2.7 GPM	3.5 GPM
Weight	78.5 lbs	84.4 lbs	83.1 lbs	83.6 lbs
Water Content	1.1 gallons		1.2 gallons	
Gas Connection	¾ in. NPT Male			
Water Connections (Heating)	1 in. sweat			
Water Connection (DHW)	¾ in. sweat			
Air Inlet Connection	2 in. (max 100 ft)			
	3 in. (max 150 ft)			
Flue Connection	2 in. (max 100 ft)			
	3 in. (max 150 ft)			

For more information contact your local NTI representative or visit ntiboilers.com



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