

FULL LINE CATALOG

We offer the widest range of high-efficiency hydronic heating and DHW products, designed around your needs.



GAS BOILERS | WATER HEATERS | COMBI FURNACES

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

TABLE OF CONTENTS

CONDENSING GAS BOILERS

Residential

- **08** TRX Combi
- 10 TRX Heat Only
- 12 FTVN Combi
- 14 FTVN Heat Only
- 16 Vmax Heat Only
- 18 Vmax Plus
- **20** TFT Series

Commercial

- **24** Lx Series
- **26** FTG Series
- 28 Boiler Selection Guide

WATER HEATING

- **32** Lx-WH Series
- **34** Trin & Stor
- **36** NTI Compact

COMBI FURNACES

40 GF200 Combi Furnace

OIL AND WOOD

48 Odyssey, Caprice, Triton, WF Series

ABOUT NTI BOILERS

We're NTI. The partner you can trust.

We offer unmatched product quality and service. Our engineers strive to set new standards for high efficiency gas boilers, water heaters and combi furnaces.

NTI is an industry leader and we have been committed to providing smart climate solutions and personal customer support since we were founded in 1967. Today our head office and manufacturing facility are located on the stunning Drury Cove in Saint John, NB, a location chosen to delight those who visit us.

We are not only pioneers in the development of the most advanced and efficient central heating systems, but at NTI we listen to our customers and use their feedback to guide our innovation. Our knowledgeable, accessible friendly staff are here to support every customer to maximize product performance...and just make their jobs easier.

Acknowledged as a leader in research and product development, NTI manufactures its top-quality, hydronic products in accordance with the most advanced guidelines and industry codes. Its products are developed using state-of-the-art design and testing techniques.

The on-site laboratory and training facilities ensure to maintain NTI commitment to enduring quality, product development and contractor support.

Our customer service team, extended warranty programs and unique training opportunities underline our commitment to you. With NTI, you get quality, North American-made products and unparalleled support.

When you buy an NTI product, peace of mind is included.

We love to hear your feedback! Contact us at

feedback@ntiboilers.com

to provide your opinion on our products and services

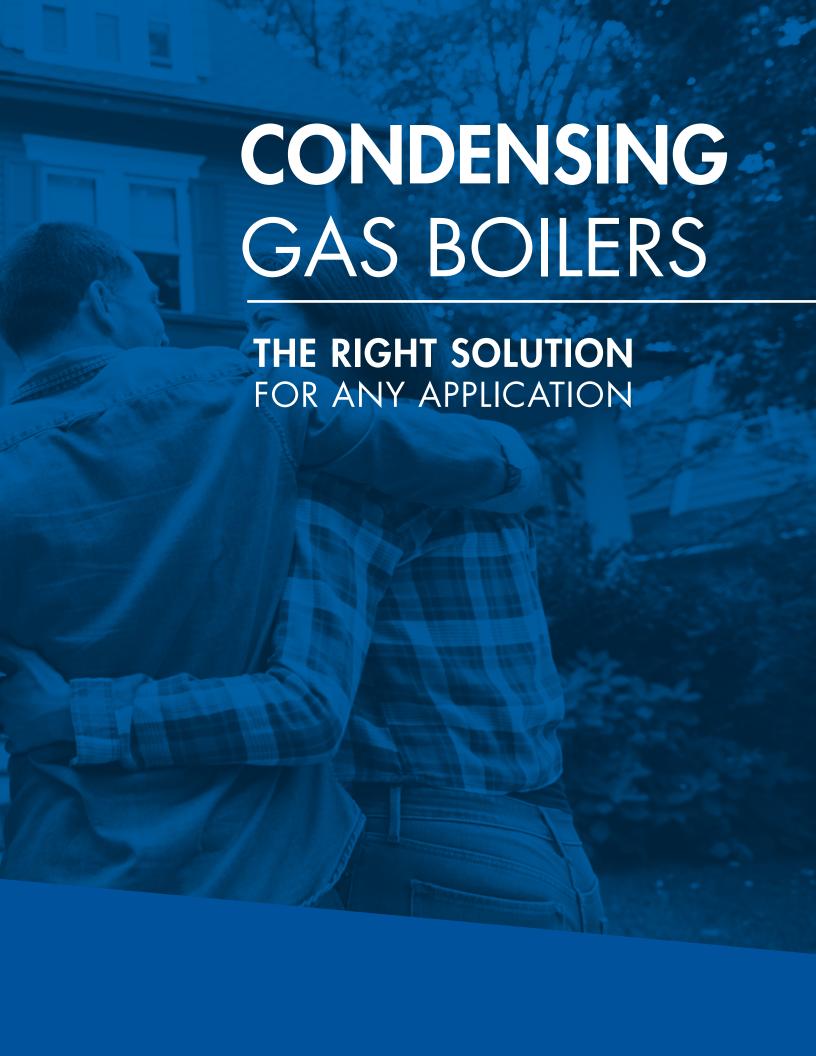
The NTI brand is the center of excellence for manufacturing and development for heating products, of the Ariston Thermo Group in North America.

All over the world, Ariston Thermo is synonymous with comfort, energy efficiency and respect for the environment, thanks to its high efficiency products, its plants in compliance with the most advanced production standards and excellent pre- and after-sales customer support services. Our global vision with 9 operating companies, in 40 countries, and 26 production facilities on 15 countries.

The Group has now a leadership position in the global thermal comfort market for domestic, commercial and industrial spaces. The Group counts 7,500 employees and, in 2019, it reached 1.7 billion Euros in sales, produced 8.2 million products and allocated 77 million Euros to investments and R&D.

To know more about Ariston Thermo Group visit aristonthermo.com





CONDENSING GAS BOILERS FOR ANY NEED

The NTI gas boilers lineup is the widest in the market, allowing our customers to find the right solution for any installation.

Our offering has been designed with our customers at the core of what we do. We are constantly using feedback from the field to guide our innovation. Over the years we have implemented continuous improvements and new features with one goal: your satisfaction.

Here are few of the features that make our boilers unique and allow us to make a difference when it comes to the installation and maintenance of our products:

Top condensing technology

As one of the pioneers to introduce high efficiency condensing boilers to North America, NTI designs only best in class products.

TOP EFFICIENCY PERFORMANCES

We use only high quality stainless steel heat exchangers to provide efficiency and reliability at the same time.

120V convenience outlet

Cost effective convenience. Selected NTI products come with a built-in 120V convenience outlet. You can use it to power a condensate pump



Universal vent connections with embedded test port

Our vent connections include a combustion analyzer test port and can accommodate PVC/CPVC, PP and stainless steel pipes without the need for any adapters.



Note: Not all features available on all products, please consult the model specifications.

Legendary ignition

We are known for our quality startup. All NTI boilers are equipped with an external high-energy spark transformer to ensure proper ignition, each and every time.



Multi-unit cascade function

Connect up to 16 boilers with our integrated cascading function to easily meet even the most demanding installations. No optional devices required.



Outdoor reset sensor included

We make sure you have the right components you need to install our boilers. Our outdoor reset sensor is high quality and field-tested (and is included!).





TFT

| Supreme Fire Tube

The TFT is the top quality choice for both residential or light commercial applications.

From 60 to 399 MBH



Vmax

| Highest value

Intergrated and smart solutions that ensure quick and effective installion.

110 and 154 MBH PLUS versions with built-in indirect tank



FTVN

| Fire Tube, made simple

High-efficiency, wall-hung fire tube boiler, peace of mind included.

From 85, 150 and 199 MBH Combi available 110,150,199 MBH



TRX

Superior water tube design, with Wi-Fi

Improved water tube boiler design, with NTI Net connectivity.

From 85-197 MBH combi avaliable 114,150, 197 MBH

TRX COMBI

High efficiency heating in DHW and conductivity.

The TRX is the **advanced NTI platform, the new industry standard**, for Combi applications. The improved water flow design, and **Wi-Fi connectivity** makes the TRX the best choice available on the market.

This boiler provides superior performance for both space heating and domestic hot water, providing you all the heat you need in one compact and affordable package.



Available in three sizes: 114, 150 & 197 MBH

95.5% AFUE

Main Features:

- Innovative XTRATECH®
 Heat exchanger
- Integrated primary pump
- Modulating combustion up to 11:1
- Integrated ECM pump and DHW diverter valve
- Easy service access and quick component connections
- DHW flow switch and serviceable filter
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdictions



The TRX Combi has ample space heating capacity and adds abundant hot water via a high-performance brazed plate heat exchanger.

Wi-Fi gateway to allow the boiler to be connected to the internet and remotely accessible.











Field gas convertible NG or LP Outdoor reset

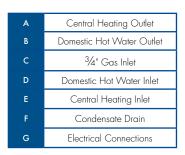
C

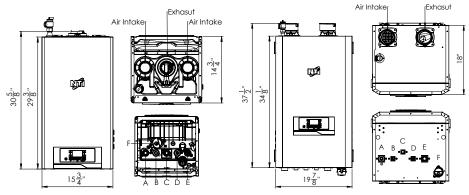
Cascade installation up to **8**











TRX085,110,110C, 120 & 150C

TRX150, 199, 199C

| Specifications

	TRX110C	TRX150C	TRX199C	
Input Heating	11.2-106 MBH	13.2 - 120 MBH	10.7.107.4011	
Input DHW	11.2-114 MBH 13.2 - 150 MBH		19.7 - 197 MBH	
AFUE	95.5%	95%	95%	
Heating capacity	98 MBH	111 MBH	184 MBH	
Net AHRI Rating	85 MBH	97 MBH	160 MBH	
DHW Flow Rate at 77°F T Rise (Combi)	2.7 GPM 3.5 GPM		4.8 GPM	
Weight	83.1 lbs	83.6 lbs	135 lbs	
Water Content	1.2 g	2.7 gallons		
Gas Connection		¾ in. NPT Male		
Water Connections (Heating)	1 in.	sweat	1¼ in. NPT Male	
Water Connection (DHW)	³ ⁄ ₄ in.	sweat	¾ in. NPT Male	
Atalalat Campatian	2 in. (max 100 ft)		N/A	
Air Inlet Connection				
The Connection	2 in. (mc	N/A		
Flue Connection	3 in. (max 150 ft)			

- TRX series toolbox
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Tempering valve
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Water system descaler
- System water temperature sensor
- Room sensor thermostat
- Multizone controller





TRX HEAT ONLY

The next level of water tube boilers.

The TRX is the advanced NTI platform, and the new industry standard, for heating boilers. The improved water flow design, and Wi-Fi connectivity makes the TRX the best choice available on the market.

This boiler provides both space heating and domestic hot water using an indirect water heater. The TRX provides an internal pump, and diverter valve, eliminating the need for an additional indirect pump and fitting.

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.

Available in four sizes: 85, 120, 150 & 197 MBH

95-96% AFUE

Main Features:

- Innovative XTRATECH® Heat exchanger
- Modulating combustion up to 10:1
- Integrated ECM pump and DHW diverter valve
- Easy service access and quick component connections
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdictions









Field gas convertible NG or LP











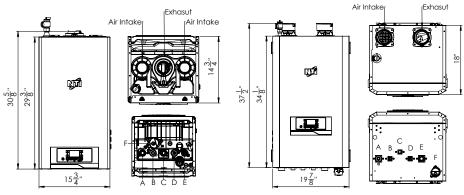
Every unit is equipped with an embedded Wi-Fi gateway to allow the boiler to be connected to the internet and remotely accessible via "NTI Remote Contractor", NTI's web based tele-diagnostic service. The web based service provides registered "NTI Remote Contractors" with an easy way to manage their NTI boiler installations, while providing remote access to the brain of each connected boiler.

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





Α	Central Heating Outlet			
В	Domestic Hot Water Outlet			
С	3/4" Gas Inlet			
D	Domestic Hot Water Inlet			
Е	Central Heating Inlet			
F	Condensate Drain			
G	Electrical Connections			



TRX085,110,110C, 120 & 150C

TRX150, 199, 199C

| Specifications

	TRX085	TRX120	TRX150	TRX199	
Input Heating Input DHW	9.4 - 85 MBH	13.2-120 MBH	15-150 MBH	19.7-197 MBH	
AFUE	96%	95%	95%	95%	
Heating capacity	79 MBH	111 MBH	139 MBH	184 MBH	
Net AHRI Rating	69 MBH	97 MBH	121 MBH	160 MBH	
DHW Flow Rate at 77°F T Rise (Combi)	N/A N/A		N/A	N/A	
Weight	78.5 lbs 84.4 lbs		115 lbs	130 lbs	
Water Content	1.1 g	gallons	2.0 gallons	2.7 gallons	
Gas Connection		³⁄₄ in. N	NPT Male		
Water Connections (Heating)	1 in.	sweat	1¼ in.1	NPT Male	
Water Connection (DHW)	³⁄₄ in.	sweat	³¼ in. N	NPT Male	
Atalalat Canadattan	2 in. (max 100 ft) N/A				
Air Inlet Connection	3 in. (max 150 ft)				
The Commention	2 in. (max 100 ft) N/A				
Flue Connection	3 in. (max 150 ft)				

- TRX series toolbox
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Tempering valve
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Water system descaler
- System water temperature sensor
- Room sensor thermostat
- Multizone controller





FTVN COMBI

Fire Tube Boilers Made Simple

The FTVN is a high-efficiency, wall-hung boiler equipped with a vertical fire tube heat exchanger made of industry proven 439 stainless steel. NTI's user-friendly programmable display easy to access components and it easy to install, set up and maintain, while its unique design enables simpler plumbing layouts to keep costs well under control.



Available in three sizes: 110, 150 & 199 MBH

95% AFUE 10:1 Modulation

Main Features:

- Integrated ECM pump and DHW diverter valve
- Fire tube stainless steel heat exchanger
- Integrated easy to service DHW filter
- Universal vent connections with embedded test port
- Wi-Fi on board for remote control and monitoring
- Quick connect components
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.
- Small zone valve systems may not require pump or low loss header











Field gas convertible NG or LP Outdoor reset



Cascade installation up to 8





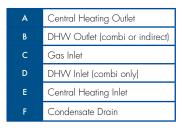


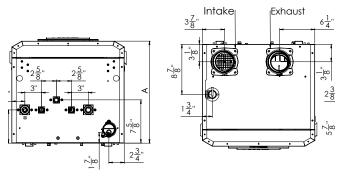


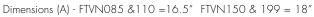
The FTVN Combi has ample space heating capacity and adds abundant hot water via a high-performance brazed plate heat exchanger.

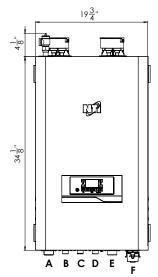
Wi-Fi gateway to allow the boiler to be connected to the internet and remotely accessible.











| Specifications

	FTVN110C	FTVN150C	FTVN199C			
Input Heating MBH	11 110	15 150	19.9 - 199			
Input (DHW Combi)	11 - 110	15 - 150	19.9 - 199			
AFUE	95%	95%	95%			
Heating Capacity (MBH)	101	138	184			
Net AHRI Rating (MBH)	88	120	160			
Combi Water Flow at 77° FT Rise	2.7 GPM	3.6 GPM	4.8 GPM			
Weight (lbs)	95	106	117			
Water Content (Gallons)		1.5 2.8				
Water Connections (Heating)		1-1/4" NPT-M				
Water Connections (DHW)		3/4" NPT-M				
2" Inlet & Exhaust Distance	100	100' max N/A				
3" Inlet & Exhaust Distance	150	150' max 150' max				
Gas Connection All Models		3/4" Male				

- FTVN Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Tempering valve

- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



FTVN HEAT ONLY

Fire Tube Boilers Made Simple

The FTVN is a high-efficiency, wall-hung boiler equipped with a vertical fire tube heat exchanger made of industry proven 439 stainless steel. NTI's user-friendly programmable display and easy to access components makes it easy to install, set up and maintain, while its unique design enables simpler plumbing layouts to keep costs well under control.

The FTVN features a powerful high efficiency ECM pump, to quietly circulate water through the boiler and boiler primary loop, or boiler and indirect water heater loop – AN EXTERNAL DHW PUMP IS NOT REQUIRED.

The FTVN has been designed with service in mind. The components are each easily removable, and the space within the cabinet has been maximized so that your hard working hands have space to work. The swing down control box also enhances serviceability, making all major components easily accessible.

Available in three sizes: 85, 110, 150 & 199 MBH

96% AFUE

Main Features:

- Fire tube stainless steel heat exchanger
- Universal vent connections with embedded test port
- Quick connect components
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.









Field gas convertible NG or LP Outdoor reset

C

Cascade installation up to 16





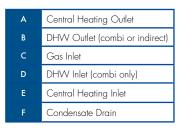


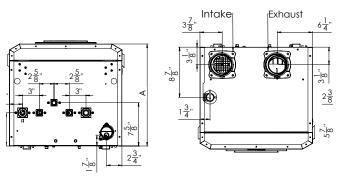
OPTIONAL FLOOR

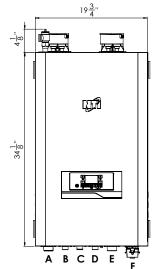
Every unit is equipped with an embedded Wi-Fi gateway to allow the boiler to be connected to the internet and remotely accessible via "NTI Remote Contractor", NTI's web based telediagnostic service. The web based service provides registered "NTI Remote Contractors" with an easy way to manage their NTI boiler installations, while providing remote access to the brain of each connected boiler.

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









Dimensions (A) - FTVN085 &110 =16.5" FTVN150 & 199 = 18"

| Specifications

	FTVN085	FTVN110	FTVN150	FTVN199		
Input Heating MBH	8.5 - 85	11 - 110	15 - 150	19.9 - 199		
Input (DHW Combi)	0.5 - 05	11-110	13 - 130	19.9 - 199		
AFUE	96%	95%	95%	95%		
Heating Capacity (MBH)	79	101	138	184		
Net AHRI Rating (MBH)	69	88	120	160		
Combi Water Flow at 77° FT Rise		N/A				
Weight (lbs)	95	95	105	116		
Water Content (Gallons)	1.4	1.4	2.0	2.8		
Water Connections (Heating)		1-1/4" N	PT-M			
Water Connections (DHW)		3/4" NPT-M				
2" Inlet & Exhaust Distance		100' max N/A				
3" Inlet & Exhaust Distance		150' max				
Gas Connection All Models		3/4" Ma	ale			

- FTVN Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



Vmax HEAT ONLY

High value integrated solutions that makes life easy

The Vmax Series is equipped with a high-performance down-fired fire tube stainless steel heat exchanger and have been designed to make installation, setup, and service easy. The dedicated indirect tank connections and integrated primary loop pump make the Vmax Series unique in the boiler industry, setting a new standard in terms of ease of installation and peace of mind. Integrated and smart solutions that ensure quick and effective installation, even for complex applications.



Available in two sizes: 110 MBH & 154 MBH

95% AFUE

Main Features:

- Built-in primary loop and circulating pump
- High performance fire tube stainless steel heat exchanger
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.
- Dedicated indirect tank connections
- Universal vent connections with embedded test port
- Easy to program display
- Quick connect components











Field gas convertible NG or LP Outdoor reset

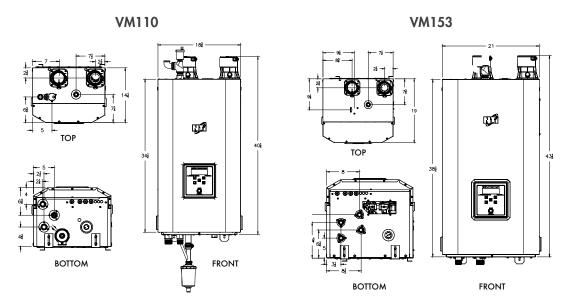


Cascade installation up to 16



120V Convenience Outlet





| Specifications

	VM110	VM153		
Input Power Natural Gas Propane	13.8 - 110 MBH	15.4 - 154 MBH		
AFUE	95%			
Heating capacity	101 MBH	141 MBH		
Net AHRI Rating	88 MBH	122 MBH		
Installation type	Indoor Wall Hung (rack availal	ble for floor standing installation)		
Weight	110 lb	135 lb		
Gas connection	⅓ in NPT female			
Water connections	1 in NPT male			
Air Inlet	2 in (max 100 ft), 3 in (max 150 ft) 3 in (max 150 ft)			
Flue	2 in (max 100 ft), 3 in (max 150 ft) 3 in (max 150 ft)			

- Vmax Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



Vmax PLUS

All the heat you need with unparalleled DHW comfort

The Vmax Plus is more than a Combi boiler. On the hot water side, it features an internal 16 gallon indirect tank to provide the best comfort experience to homeowners.

Forget about cold water sandwich and long waiting time: with Vmax Plus you will get plenty of hot water with the minimum effort. Comfort and dependability merge together, thanks to the stainless steel down-fired fire tube heat exchanger which ensures long product life and enduring performances.

The integrated smart solutions included in the Vmax Plus represent a unique offering in the market, designed to make installation easy also in complex installations.

Available in two sizes: 110 MBH & 154 MBH

95% AFUE

Main Features:

- Built-in primary loop and circulating pump
- High performance fire tube stainless steel heat exchanger
- Integrated stainless steel 16 gallon indirect tank
- Universal vent connections with embedded test port
- Easy to program display
- Quick connect components
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.







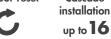


Cascade

up to **16**



Field gas convertible NG or LP Outdoor reset

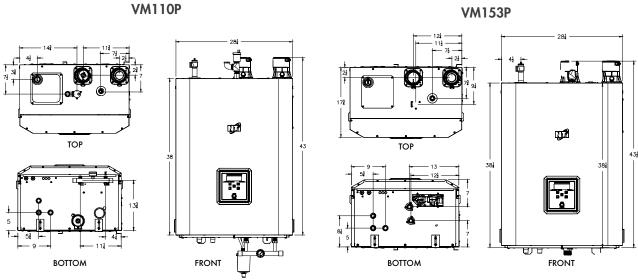


High-energy spark ignition

120V Convenience Outlet







| Specifications

		VM110P	VM153P	
Input Power	DHW Natural Gas Propane	13.8 - 110 MBH	15.4 - 154 MBH	
inpui i owei	Heating Natural Gas Propane	13.8 - 110 MBH	15.4 - 154 MBH	
AFUE		95	5%	
Heating cap	oacity	101 MBH	141 MBH	
Net AHRI R	ating	88 MBH	122 MBH	
DHW Flow Rate at 77°F T Rise		2.6 GPM	3.6 GPM	
Installation t	уре	Indoor Wall Hung (rack available for floor standing installation)		
Weight		115 lb	140 lb	
Gas connec	ction	n ½ in NPT female		
Water conn	nections	1 in female (sweat joint)	1 in NPT male	
Air Inlet	2 in (max 100 ft), 3 in (max 150 ft)		3 in (max 150 ft)	
Flue	2 in (max 100 ft), 3 in (max 150 ft)		3 in (max 150 ft)	
DHW		3½ in NPT male		

- Vmax Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



TFT SERIES

The supreme Fire Tube Boiler from 60 to 399 MBH

The TFT is the top quality choice for both residential or light commercial applications.

The high performance stainless steel down-fired fire tube heat exchanger and the top and bottom stainless steel piping connections, offer supreme durability and flexibility of installation.

The touch screen display is user-friendly and enables countless advanced settings, including cascade management and advanced boiler settings. The TFT reigns supreme with its unique mix of outstanding performances and legendary reliability.

Available in eight sizes ranging from: 60 MBH to 399 MBH

95% AFUE

Main Features:

- Touch screen intuitive display •
- High performance fire tube stainless steel heat exchanger
- Integrated low water cut-off
- Stainless steel internal piping and venting
- Top and bottom water connections
- Advanced cascade settings
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.











Field gas convertible NG or LP Outdoor reset

Cascade installation up to 8



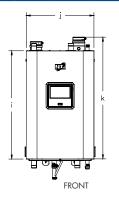
120V Convenience Outlet





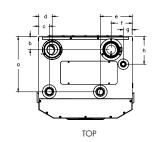
FRONT

DIM	60-110	154	201	285	340- 399
i	33 ½"	33 ½"	33 ½"	33 ½″	36 1/2"
į	19 ¾"	19 ¾"	19 ¾"	21 4"	25"
k	37 ¾"	38 ½"	37 ¾"	37 ¾"	40 1/2"



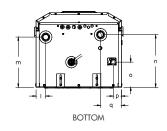
DIM	60-110	154	201	285	340- 399
а	6 34"	10 1/2"	10 1/2"	12 ½″	14"
Ь	2 3/4"	2 3/4"	2 3/4"	3″	5 ¼"
С	6″	6″	2 1/2"	2 1/2"	20 ¾"
d	17"	15 ½"	3 1/4"	3″	22 ½"
е	17 3/4"	1 <i>7"</i>	3″	7 ½"	20 ¾"
f	1 1 3/4"	16 1/2"	3″	4 3/4"	21"
g] ½"	2″] ½"	2″	2 3/4"
h	7 ½"	10 1/2"	6"	6 4"	10 1/4"

TOP



DIM	60-110	154	201	285	340- 399
- 1	2″	2 3/4"	2 1/4"	2″	20 3/4"
m	10″	13 ½"	13″	12 1/2"	14"
n	5 ½″	8″	13 ¼″	13″	14"
0	7 ½"	10 1/2"	6 1/2"	6 1/4"	12″
р	1 1/2"	2″	1 1/2"	2″	1 1/2"
q	17 ¾"	17"	3″	5 ¼"	19 1/2"

воттом



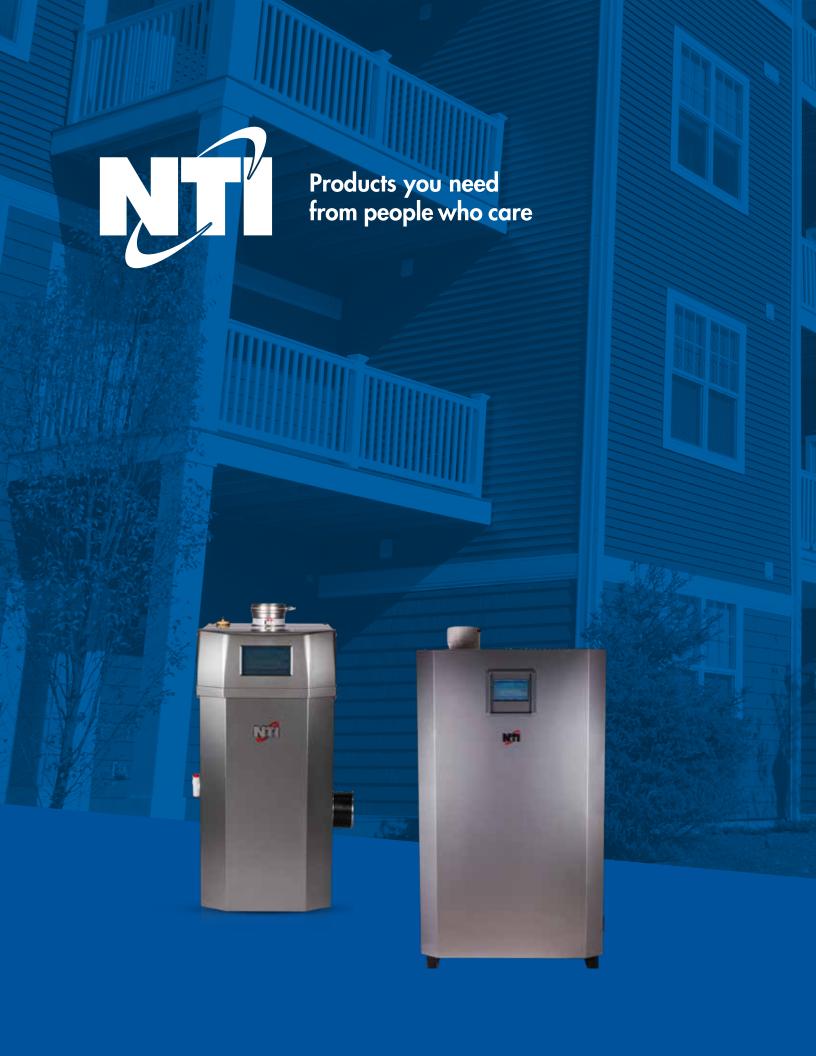
| Specifications

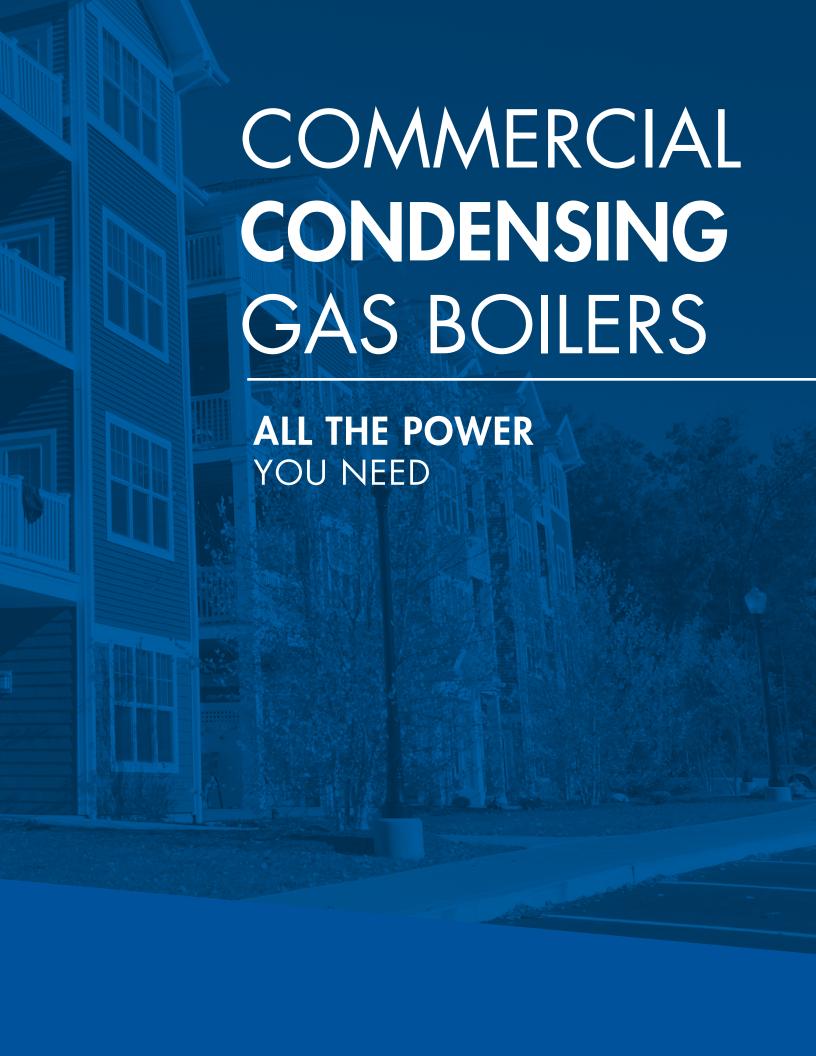
	TFT60	TFT85	TFT110	TFT154	TFT201	TFT285	TFT340	TFT399
Input NG	17 - 60 MBH	1 <i>7 -</i> 85 MBH	21.6 - 108 MBH	15.4 -	20 -	28.5 -	39.9 -	39.9 -
Power LP	17.6 - 65 MBH	17.6 - 88 MBH	22.6 - 113 MBH	1 <i>54</i> MBH	200 MBH	285 MBH	340 MBH	399 MBH
AFUE		95%				95.4% Therr	mal Efficiency	
Heating capacity	56 MBH	78 MBH	99 MBH	141 MBH	185 MBH	263 MBH	324 MBH	380 MBH
Net AHRI Rating	48 MBH	68 MBH	86 MBH	122 MBH	160 MBH	228 MBH	282 MBH	330 MBH
Installation type		Indo	or Wall Hung	g (rack availd	able for floor s	tanding instal	lation)	
Weight	128 lb	128 lb	128 lb	1 <i>7</i> 0 lb	200 lb	200 lb	237 lb	247 lb
Gas connection	½ in NPT female			3	¾ in NPT mal	е		
Water conn.	1 in NPT male			1¼ in NPT male		NPT male	1½ in NPT male	
Air Inlet	2 in (max 100 ft*), 3 in (max 150 ft)			3	in (max 150	ft)	4 in (max	× 100 ft)
Flue	2 in (max 10	00 ft*), 3 in	(max 150 ft)	3	in (max 150	ft)	4 in (ma:	× 100 ft)

^{*} for LP: TFT60-85 max 35 ft, TFT110 max 25 ft

- TFT Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Common venting for TFT340/399
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
 - System water temperature sensor







LX SERIES

When you need more power we've got you covered

For light to heavy commercial applications, the Lx is the ideal option, with its easy to clean, **high power stainless steel heat exchanger.** The Lx Series boilers are designed for floor standing installation and can be also mounted wall-hung up to 399 MBH.

Its easy to access electronic board and well accessible components make it easy service and regular maintenance.

Cascade management and other outstanding programming features can be easily controlled by the intuitive touch screen display.

Available in eight sizes ranging from: 200 MBH to 800 MBH

94% Thermal Efficiency



- Touch screen intuitive display
- Easy cleaning stainless steel
 heat exchanger
- Wall hung kit included for Lx200-400
- High power sizes up to 800 MPH
- Easy access to the display and internal components
- Advanced cascade settings
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.











Field gas convertible up to 500 **NG** or **LP** Outdoor reset



Cascade installation up to **8**







Dimensions Lx300-400

FRONT

DIM	300	400
а	39 ¾"	39 ¾"
Ь	17 4"	17 1/2"
С	36 ¼"	36 ¼"
d	11 34"	11 34"
е	9 1/2"	9 1/2"

DIM 300 400

f 21 ½" 24"

g 4 ¼" 4 ¼"

h 8 ½" 8 ½"

i 4 ¼" 4 ¼"

10 3/4"

TOP

DIM 300 400

k 24 ½" 24 ¾"

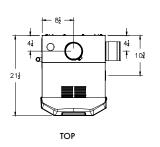
l 2 ¾" 3 ¼"

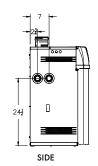
m 7" 9 ½"

SIDE

*Please refer to Lx Series Brouchure for dimension of Lx150-200 and Lx500-800

-			-,-	-	
•	: }				
-		L	FRON	T	





| Specifications*

	Lx200	Lx300	Lx400	Lx500	Lx600	Lx800
Input Natural Gas	25 -	55 -	75 -	100 -	120 - 600 MBH	160 - 800 MBH
Power Propane	199 MBH	275 MBH	399 MBH	500 MBH	N/A	N/A
AFUE	93.5%	93.7%		94% Therm	nal Efficiency	
Heating capacity	181 MBH	251 MBH	375 MBH	470 MBH	564 MBH	752 MBH
Net AHRI Rating	1 <i>57</i> MBH	218 MBH	326 MBH	409 MBH	490 MBH	654 MBH
Installation type	Indoor Floor Stand	kit included) Indoor Floor Stand			ing	
Weight	125 lb	180 lb	225 lb	320 lb	380 lb	475 lb
Gas connection	½ in NPT female	½ in NPT female	¾ in NPT female	³¼ in NPT female	l in NIPI mala	
Water connections	1 in NPT female	1¼ in NPT female	1¼ in NPT female	2 in NPT female		Э
Air Inlet	3 in (max 105 ft)		4 in (max 100 ft)			6 in (max 100 ft)
Flue 3 in (max 105		4 in (max 100 ft)				6 in (max 100 ft)

^{*} Lx150 and Lx700 also available. Please refer to Lx Series Brocure for specifications

- Lx Series tool box
- Low profile vent terminal
- Concentric vent terminal
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



FTG SERIES

All the power you need for any commercial applications

The FTG is a stainless steel high efficiency fire tube commercial boiler that ranges from 800 MBH to 2,350 MBH.

The FTG features a dynamic multiple heat exchanger design, with single blower, gas valve and burner. The user-friendly touch screen display and advanced programmable features make it the ideal choice for dependable and highly demanding commercial applications.

The FTG Series has been designed to provide a reliable source of heat at the maximum energy efficiency levels, without compromises.

Available in six sizes ranging from: 800 MBH to 2,350 MBH

Up to **96**% Thermal Efficiency



- Touch screen intuitive display
- High performance fire tube stainless steel heat exchanger
- Integrated low water cut-off
- Integrated combustion air filter

- CSD-1 compliant
- Advanced cascade settings
- Sealed cabinet
 - Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.











Field gas convertible NG or LP Outdoor reset



Cascade installation up to 8



120V Convenience Outlet





FRONT

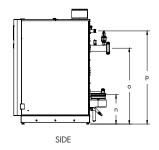
DIM	600- 800	1200	1400	2000	2200- 2400
k	68 ¼"	67"	67"	67 1/2"	67 ½"
I	34"	34"	34"	34"	34"
m	61 34"	61″	61″	61 1/2"	61 1/2"

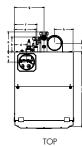


DIM	600- 800	1200	1400	2000	2200- 2400
n	17 4"	67"	67"	67 1/2"	67 1/2"
0	44 1/2"	44 1/4"	44 1/4"	44 3/4"	44 3/4"
р	54 ½"	54 ¼"	54 ½"	53 ½"	53 ½"









| Specifications*

	FTG800	FTG1200	FTG1400	FTG2000	FTG2200	FTG2400	
Input Natural Gas Power Propane	80 - 800 MBH	120 - 1,200 MBH	140 - 1,400 MBH	235 - 2,000 MBH	235 - 2,200 MBH	235 - 2,350 MBH	
Thermal Efficiency	95%	96.1%	96%	96%	95.6%	95.2%	
Heating capacity	760 MBH	1,153 MBH	1,344 MBH	1,920 MBH	2,103 MBH	2,237 MBH	
Net AHRI Rating	660 MBH	1,003 MBH	1,169 MBH	1,670 MBH	1,829 MBH	1,945 MBH	
Installation type		Indoor Floor Standing					
Weight	780 lb	1,210 lb		1,710 lb			
Gas connection	1 in NPT female	1¼ in NPT female		1½ in NPT male			
Water Inlet		3 in groove joint					
conn. Outlet	2 in groove joint	2 in groove joint 3 in groove joint					
Air Inlet	6 in (max 150 ft)			8 in (max 1 <i>5</i> 0	ft)		
Flue	6 in (max 150 ft)			8 in (max 150	ft)		

^{*} FTG600 also available. Please refer to FTG Series Brochure for specifications

- FTG Series tool box
- Low profile vent terminal
- Concentric vent terminal
- Boiler corrosion and limescale inhibitor
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



CONDENSING GAS BOILER SELECTION

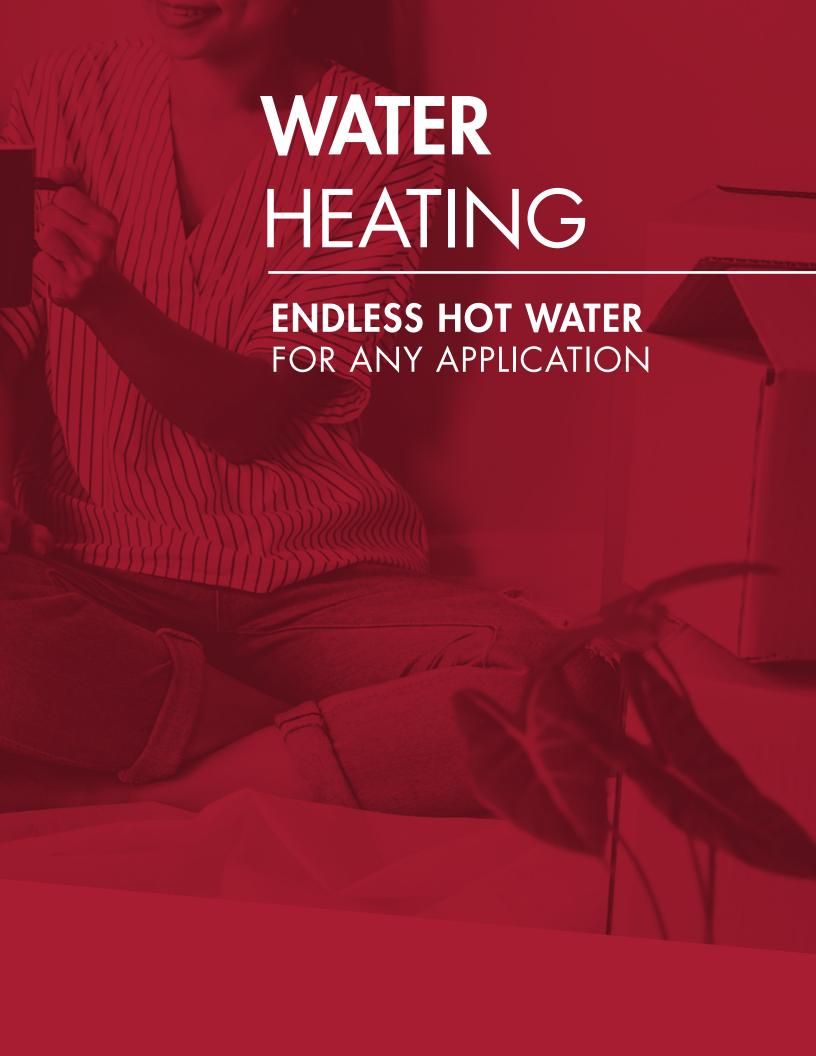
This boiler selection guide is meant to provide a quick overview of the NTI wide product range. For detailed information about a specific product. Please see relevant product brochures and manuals or visit ntiboilers.com

		HEA	T ONLY	
	TRX	FTVN	Vmax	TFT
Max Power Input	85-197 MBH	85-199 MBH	110 - 154 MBH	60 - 399 MBH
Turn Down ratio	up to 10:1	10:1	up to 10:1	up to 10:1
Efficiency	95% AFUE	up to 96% AFUE	95% AFUE	95% AFUE
Heat Exchanger	Stainless Steel Water Tube	Stainless Steel Fire Tube	Stainless Steel Fire Tube	Stainless Steel Fire Tube
Boiler Controller	NTI-Net Control	NTI-Net Control	NTI Smart Push Button	NTI ifLEX Touch Screen
Combustion air intake	Sealed Cabinet	Sealed Cabinet	Direct connection	Direct connection
Internal piping material	Copper	Copper	Copper	Stainless Steel
Water connections	Bottom	Bottom	Bottom	Top and Bottom
Cascade installation	√ (up to 8)	√ (up to 8)	√ (up to 16)	√ (up to 8)
Propane conversion kit	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
Outdoor reset	V	$\sqrt{}$	$\sqrt{}$	V
Integrated Low Water Cut-off				V
Integrated primary Loop			V	
Integrated primary loop pump	V	$\sqrt{}$	$\sqrt{}$	
Integrated indirect tank circulation pump	$\sqrt{}$	V	√ (on VM153 only)	
Integrated indirect tank				
Dedicated indirect tank connections	\checkmark	$\sqrt{}$	$\sqrt{}$	\checkmark
High Voltage Spark Ignition	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
Integrated 120 V condensate pumpreceptacle			V	V
Warranty Parts	5y	5у	5у	5у
Heat Exchanger	15 years	15 years	Limited Lifetime	Limited Lifetime
Ideal for	Cost effective and reliable space heating residential applications	Cost effective and reliable fire tube space heating residential applications	High value inte- grated components Fire Tube boiler for residential heating applications	High end Fire Tube boiler for residential or light commercial applications



				СОМВІ
Lx	FTG	TRX COMBI	FTVN COMBI	VMAX PLUS
150 - 800 MBH	800 - 2,400 MBH	DHW: 114-197 MBH Heating: 106-197 MBH	110-199 MBH	110 - 154 MBH
up to 8:1	up to 10:1	up to 11:1	10:1	up to 10:1
93.5% AFUE / 94% T.E.	96% T.E.	95% AFUE	95% AFUE	95% AFUE
Stainless Steel Water Tube	Stainless Steel Fire Tube	Stainless Steel Water Tube	Stainless Steel Fire Tube	Stainless Steel Fire Tube
NTI ifLEX Touch Screen	NTI ifLEX Touch Screen	NTI-Net Control	NTI-Net Control	NTI Smart Push Button
Direct connection	Sealed Cabinet	Sealed Cabinet	Sealed Cabinet	Direct connection
N/A	N/A	Copper	Copper	Copper
Left	Rear	Bottom	Bottom	Bottom
√ (up to 8)	√ (up to 8)	√ (up to 8)	$\sqrt{\rm (up\ to\ 8)}$	√ (up to 16)
√ (except Lx600 - Lx800)	V	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
	$\sqrt{}$			
				√ (low loss header included for VM110P)
		√	$\sqrt{}$	$\sqrt{}$
		N/A	N/A	√
		N/A	N/A	√ (16 gal)
		N/A	N/A	N/A
$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$	$\sqrt{}$
	$\sqrt{}$			$\sqrt{}$
5у	5у	5у	5у	5у
Limited Lifetime	Limited Lifetime	15 years	15 years	Limited Lifetime
Light to heavy commercial applications	Fire Tube boiler for commercial applications of any kind	Cost effective and reliable combination residential boiler	Cost effective and reliable fire tube combination residential boiler	Combi application with unparalleled DHW comfort





LX-WH SERIES

Gas condensing volume water heater for commercial use

The Lx-WH combines quality with unmatched efficiency while providing a tremendous output capacity. The **high power stainless steel heat exchanger** is easy to clean and install. The **touch screen display is user friendly**, and the Lx-WH offers **advanced programming features**.



Available in six sizes ranging from: 199 MBH to 800 MBH

96%Thermal Efficiency

Main Features:

- Touch screen intuitive display
- Easy to clean stainless-steel
 heat exchanger
- Floor or wall-mount options •
- Ideal coupling with Trin&Stor Storage tanks
- High power sizes up to 800 MBH
- Easy access to the display and internal components
- Advanced cascade settings













Field gas convertible up to 500 **NG** or **LP** Outdoor reset



Cascade installation up to **8**







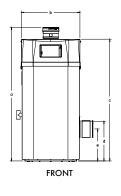
FRONT

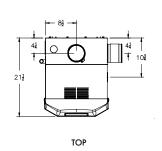
DIM	300	400
f	21 1/2"	24"
g	4 1/4"	4 1/4"
h	8 ½"	8 1/2"
i	4 1/4"	4 1/4"
j	10 3/4"	16 1/2"

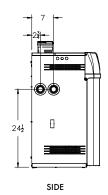
TOP

DIM	300	400
k	24 1/2"	24 ¾"
I	2 34"	3 ¼"
m	7"	9 1/2"

SIDE







| Specifications*

	Lx200WH	Lx300WH	Lx400WH	Lx500WH	Lx600WH	Lx800WH			
Input Natural Gas Power Propane	25 - 199 MBH	55 - 275 MBH	75 - 399 MBH	100 - 500 MBH	120 - 600 MBH N/A	160 - 800 MBH N/A			
GPH at 100°F T Rise	229 GPH	317 GPH	460 GPH	576 GPH	691 GPH	922 GPH			
Thermal Efficiency		96%							
Installation type	Indoor Floor Standing (Wall Hung kit included)			Indoor Floor Standing					
Weight	125 lb	180 lb	225 lb	320 lb	380 lb	475 lb			
Gas connection	½ in NPT female	½ in NPT female	3/4 in NPT female	3½ in NPT 1 in NPT male		PT male			
Water connections	1 in NPT female	1 in NPT female	1¼ in NPT female	2 in NPT female					
Air Inlet	3 in (max 105 ft)		6 in (max 100 ft)						
Flue	3 in (max 105 ft) 4 in (max 105 ft)	4 in (max 100 ft)				6 in (max 100 ft)			

Lx700 WH also available

- Lx-WH Series tool box
- Floor stand
- Low profile vent terminal
- Concentric vent terminal
- Tempering valve
- Boiler system cleaner
- Boiler system descaler
- System water temperature sensor



TRIN & STOR TANKS

Highest quality stainless steel indirect water heaters and storage tanks

The Trin & Stor passivated steel storage tanks are renowned for maximum resistance to corrosion, which increases their longevity. Their high-quality construction and components make these storage tanks a popular product, and they come in a wide range of sizes to fit any need.

Available in three lines with sizes ranging from: 40 gallons to 120 gallons

Main Features:

- Stainless steel passivated construction
- Simple and quick aquastat connection
- Lead free

- High accuracy tank sensor
- Widest product range from 40 to 120 gallons
- Highest quality construction



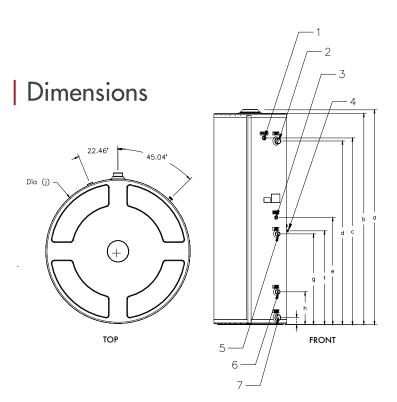












DIM	\$40	\$50	\$65	S80	\$120	St80	St120
а	56″	49"	70 ½"	70 ¼"	-	-	-
b	54 ¾"	47 ¾"	69 ¼"	69"	64 ³¼"	72 ¾"	65"
С	46 34"	39 ¾"	60 ¼"	61″	53 ½″	59 ½″	52 ½″
d	46 3/4"	39 ½″	60 ¼"	60″	53 ¼	59 ½″	52 ½″
е	29"	29 ½"	32 ½"	35"	44 1/2"	10 ¾"	12 ¾"
f	25″	26″	27"	29 ½"	40 1/2"	-	-
g	26″	27"	28″	30 1/2"	41 1/2"	11 1/2"	13 ¼″
h	9 1/2"	10″	10 1/4"	10 34"	12 4"	-	-
i	2″	2″	2″	2 1/2"	2 1/2"	2 1/2"	2 1/2"
j	20″	24"	22″	24"	29″	24"	29″
1	3⁄4″ F	3⁄4″ F	3⁄4″ F	3⁄4″ F	3⁄4″ F	1″ F	1" F
2	1" M	1″	1″	1 1/2"	1 1/2"	1 ½"] ½"
3	3⁄4″ F	3⁄4″ F	3⁄4″ F	³⁄4″F	3⁄4″ F	1 ½″ M	1 ½″ M
4	1" M	1" M	1" M	1" M	1" M	-	-
5	1" M	1" M	1" M	1" M	1" M	-	-
6	1" M	1″	1″] ½″	1 ½″	1 ½"] ½"
7	Well	Well	Well	Well	Well	Well	Well

| Specifications

		INDIRE	CT WATER I	HEATERS			
	S40	S50	S65	S80	\$120	ST80	ST120
Storage capacity	40 gal	53 gal	65 gal	79 gal	119 gal	79 gal	119 gal
Tank material			Stainless Stee	el		Stainle	ss Steel
Coil material			Stainless Stee	el		N	/A
Insulation			EPS Foam			EPS Foam	
Weight empty	<i>7</i> 1	90	100	115	157	160	175
Weight filled	485	655	800	995	1,275	1,040	1,293
Continuous 140°F	228 gal	238 gal	288 gal	356 gal	485 gal	N/A	N/A
recovery 115°F	303 gal	313 gal	401 gal	468 gal	636 gal	N/A	N/A
Boiler output	146 MBH	146 MBH	210 MBH	210 MBH	290 MBH	N/A	N/A
Coil flow rate	6.9 GPM	6.9 GPM	10.4 GPM	10.4 GPM	13.6 GPM	N/A	N/A
Coil pressure drop	0.5 PSI	O.5 PSI	1.5 PSI	1.5 PSI	2.1 PSI	N/A	N/A
Hour 1 140°F	196 GPH	196 GPH	292 GPH	292 GPH	392 GPH	N/A	N/A
recovery 115°F	271 GPH	271 GPH	404 GPH	404 GPH	542 GPH	N/A	N/A

Accessories:

Aquastat sensor



NTI COMPACT SERIES

Mini Tank Electric Water Heater

The **high quality and affordable price** of the NTI Compact mini tank electric water heater makes it the number one choice in over 1 million homes and businesses. **Easy to install**, it plugs into standard wall outlets and the Compact 6 version can be installed horizontally or vertically.

And as always, it comes with the NTI customer support and service that is second to none, as well as a **six-year tank limited warranty**.



Available in three sizes, from 2.7 gal to 7.0 gal

Main Features:

- Glass lined steel tank
- Special enamel with titanium content
- 4 bolts stainless steel
- heating element flange
- Magnesium sacrificial anode
- High accuracy and quick response capillary thermostat
- Temperature and pressure valve included







BOLTS FLANGE





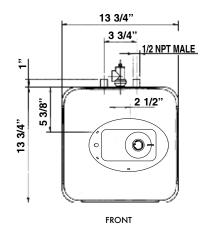


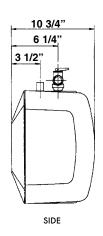


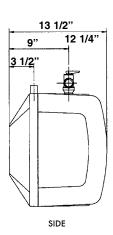
Dimensions

NTI COMPACT 2.5 & 4"

Look at the manual for NTI Compact 6 dimensions







| Specifications

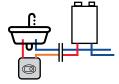
MODEL	NTI COMPACT 2.5	NTI COMPACT 4	NTI COMPACT 6
Tank capacity	2.7 gal	4.0 gal	7.0 gal *
Dimensions	13 ^{3/4} " W x 13 ^{3/4} " H x 10 ^{3/4} " D	13 ^{3/4} " W x 13 ^{3/4} " H x 13 ^{1/2} " D	17 ^{3/5} " W x 17 ^{3/5} " H x 14 ^{1/2} " D
Weight (empty)	15.5 lbs	17.3 lbs	29.5 lbs
Maximum Water pressure	150 psi	150 psi	150 psi
Recovery rate at 90°F rise	6.8 gal/h	6.8 gal/h	6.8 gal/h
Temperature range	65 – 145 °F	65 – 145 °F	65 – 145 °F
Water connections	1/2" NPT	1/2" NPT	3/4" NPT
Relief valve	Installed	Installed	Included
Nominal Voltage (1 phase)	110/120 Vac	110/120 Vac	110/120 Vac
Nominal current	12 A	12 A	12 A
Power at 120 Vac	1,440 W	1,440 W	1,440 W
Electrical Connection	Plug-in	Plug-in	Hard wired
Sizing	°	· ·	





POINT-OF-USE

- Single faucets
- Remote locations
- Single water lines



BOOSTER

- No waiting time
- Eliminates cold water sandwich
- No minimum flow rate requirement





Products you need from people who care









GF200 COMBI FURNACE

Modern Convenience of Hot Water and Forced Air Combined

The innovative GF200 is a unique Combi Furnace that offers a new dimension of comfort, smart efficiency, and energy savings. Its superior quality, integrated and compact design, featuring two appliances in one, allows for fast installation and saves space.

The GF200 is equipped with Green Furnace control technology features the most advanced components providing whisper quiet heating performance as well as quick and abundant hot water.



One size fits all

97% AFUE/EF

Main Features:

- Eligible for energy efficiency rebates
- Simultaneous operation of space heating and hot water
- 10-stage modulation for smooth temperature control
- Extremely quiet and efficient heat delivery
- Internal recirculation and buffer tank for quick hot water delivery
- Pairs with air conditioning and heat pumps
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction







97% afue







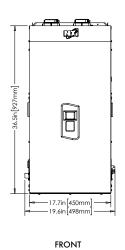


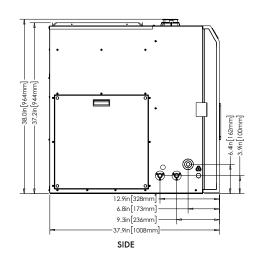
2_N **1**

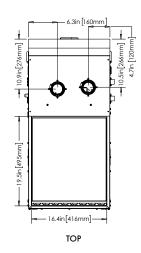


New generation ECM motor and blower for whisper quiet performance.

| Dimensions







| Specifications

		SPACE HEATING	DOMESTIC HOT WATER
Heat Capacity (Input)	Natural Gas Propane	19,900 - 80,000 BTU/H	19,900 - 199,900 BTU/H
	AFUE	97.1%	
Energy Efficiency	UEF		0.96
	EF		0.97
	50 °F (28 °C) Temp Rise		7.8 GPM (29 L/M)
Hot Water Flow Rate	65 °F (36 °C) Temp Rise		6.0 GPM (23 L/M)
	80 °F (44 °C) Temp Rise		4.8 GPM (18 L/M)
	Minimum		no minimum required

Dimensions	1 <i>7</i> 3/4 in (W) × 38 in (H) × 38 in (D)
Weight	248 lbs
Installation Type	Indoor
Power Supply	120 V AC, 60 Hz

Venting Material	Intake	PVC	
	Exhaust	PVC/CPVC/Polypropylene*	
Venting Max	3 in	150 ft*	
Length	2 in	60 ft*	
Heat Exchangers	Primary	Stainless Steel	
	Secondary	Stainless Steel	

^{*} See product manual for details







OIL AND WOOD BOILERS

Caprice

Our most trusted steel oil boiler for over 50 years

- High efficiency operation, AFUE up to 86.9%
- High-capacity copper coil Outdoor reset and warm weather shutdown
- Domestic hot water priority Direct vent option
- Compact size and easy servicing

MODEL	INPUT GPH	GROSS Output Btu/h	NET OUTPUT BTU/H	AFUE
C85	.68	83,000	72,000	86.80%
C95	.75	91,000	79,000	86.50%
C105	.85	103,000	90,000	86.00%
C125	1	120,000	104,000	85.20%
CAPRICE COMMERICAL				
C220	1.75	216,000	188,000	86.90%
C230	1.85	226,000	197,000	86.30%
C250	2	241,000	210,000	85.50%

MODEL	C85-125	C220-340
Stack Size (")	5	8
Water Volume (US Gal)	15	26
Shipping Weight (lbs)	362	440
Overall Length (")	20	23
Overall Width (")	20	23
Overall Height (")	36	42
Inlet-Outlet Size (Npt)	11/4	11/4
Relief Valve Size (Npt)	3/4	3/4
Drain Size (Npt)	1/2	1∕2
Direct Venting	C95-125	-
Side Wall Venting (SSV-1)	C95-125	C220-305
Heating Surface (sq ft)	18	26
Standard Coil Size	S4	S4
Max. Coil Size	1-S5	1-S5
CRN Approved*	1279.7	1278.7
*Must request at time of order		



WF Series

NTI WF Series is the most efficient, compact wood boiler on the market.

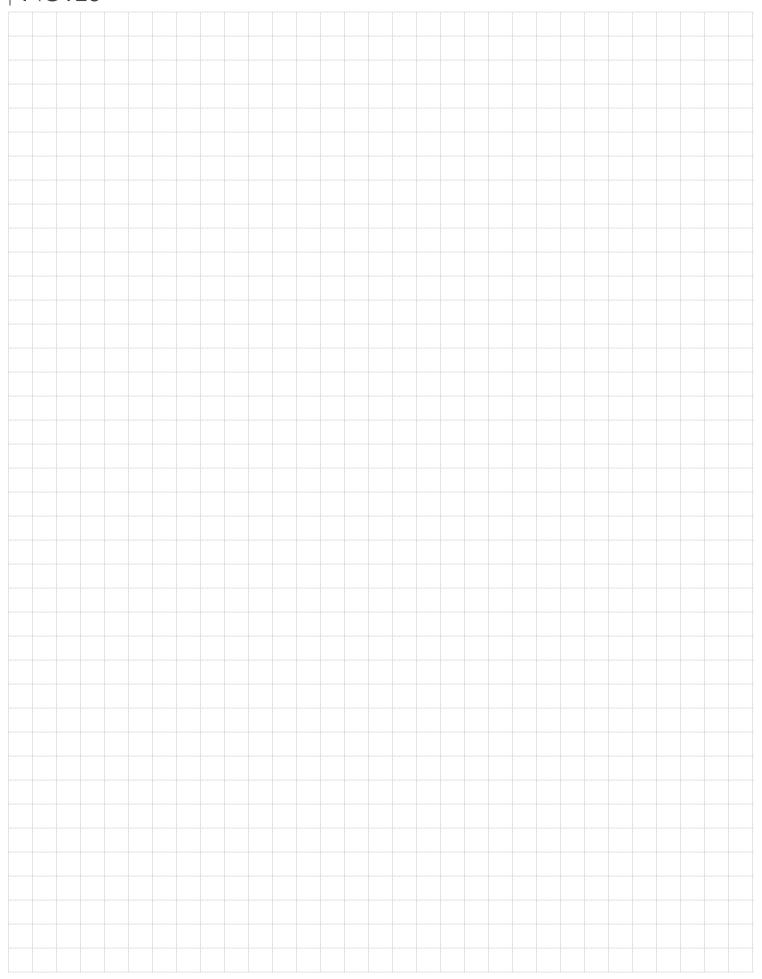
- Compact sizes eliminate the need for floor reinforcement
- Greater heating surface
- Lower stack temperature
- No boiler tubes
- Less possibility of cresol buildup
- Thermostat heat control
- Wet leg, high-efficiency boiler design
- Designed to A.S.M.E. requirements

DIM	1 1/4" NPT
	16″W
	25 ½″ D
SUPPLY	1 1/2"
RET	1 1/2"
RV	3/4"
DRAIN	V ₂ "
SQ. FT. SURFACE	20
WEIGHT	625 lbs.
WATER CAP	43 Imp Gal.
BTU CAPACITY	95,000



^{*}Must request at time of order.

NOTES



Join the pros! Participate in a training session today!

Contact us at:

training@ntiboilers.com

to get in touch with our training team and learn about available dates in your area.



Interested in our products? Contact our Sales Managers:

Canada

VP of Sales Canada

Andrew Smith asmith@ntiboilers.com

Atlantic Canada

Stacy Baskin sbaskin@ntiboilers.com Eastern Canada

Gloria Coelho gcoelho@ntiboilers.com Western Canada (BC)

Rob Johnston rjohnston@ntiboilers.com

Western Canada (Alberta)

Travis Loewen tloewen@ntiboilers.com

USA

VP of Sales USA

David Walsh dwalsh@ntiboilers.com

Lakes East

David Miller dmiller@ntiboilers.com **North East**

Ted Lowe tlowe@ntiboilers.com

Lakes West

Cory VanVickle cvanvickle@ntiboilers.com

Mid Atlantic

Steve Wieland skwieland@ntiboilers.com

US West

Shane Frandsen sfrandsen@ntiboilers.com

info@ntiboilers.com Toll: 1-800-688-2575 Direct: 506-657-6000



30 Stonegate Drive, Saint John, NB E2H 0A4

ntiboilers.com info@ntiboilers.com

Toll: 1-800-688-2575 Direct: 506-657-6000