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
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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 Dury 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.

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 member of Ariston Thermo Group.

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.

The Group has now a leadership position in the global thermal comfort market for domestic, commercial and industrial spaces. The Group counts 7,000 employees and, in 2017, it reached 1.57 billion Euros in sales, produced 7 million products and allocated 79 million Euros to investments and R&D.

To know more about Ariston Thermo Group visit aristonthermo.com.
CONDENSING GAS BOILERS
THE RIGHT SOLUTION FOR ANY APPLICATION
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:

**Supreme Fire Tube**
- The TFT is the top quality choice for both residential or light commercial applications.
- From 60 to 399 MBH

**Highest value**
- Integrated and smart solutions that ensure quick and effective installation.
- From 110 and 154 MBH
- PLUS versions with built-in indirect tank

**Fire Tube, made simple**
- High-efficiency, wall-hung fire tube boiler, peace of mind included.
- From 110, 150 and 190 MBH
- Combi available for all sizes

**Proven design, easy maintenance**
- High-efficiency stainless steel heating boiler, easy to install and maintain.
- From 57 to 199 MBH
- Combi available for 150 and 199 MBH

**Superior water tube design, with Wi-Fi**
- Improved water tube boiler design, with NTI Net connectivity.
- From 85-120 MBH
- Combi available 114 and 150 MBH
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 two sizes:
114 MBH & 150 MBH

95% 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

Specifications

<table>
<thead>
<tr>
<th></th>
<th>TRX110C</th>
<th>TRX150C</th>
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<tbody>
<tr>
<td>Input Heating</td>
<td>11.2-106 MBH</td>
<td>13.2-120 MBH</td>
</tr>
<tr>
<td>Input DHW</td>
<td>11.2-114 MBH</td>
<td>13.2-150 MBH</td>
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<td>95%</td>
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<td>111 MBH</td>
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<tr>
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<td>97 MBH</td>
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<td>3.5 GPM</td>
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<tr>
<td>Weight</td>
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<td>Water Connections (Heating)</td>
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<tr>
<td>Water Connection (DHW)</td>
<td>¾ in. sweat</td>
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<tr>
<td>Air Inlet Connection</td>
<td>2 in. (max 100 ft)</td>
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</tr>
<tr>
<td>Flue Connection</td>
<td>3 in. (max 150 ft)</td>
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</table>

Dimensions

Accessories:
- 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 fittings.

Available in two sizes:
Combi available 85 MBH & 120 MBH

95-96% AFUE

Main Features:
- Innovative XTRATECH® Heat exchanger
- Modulating combustion up to 9:1
- Integrated ECM pump and DHW diverter valve
- Easy service access and quick component connections
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdictions

TRX085 TRX120

<table>
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<th>TRX085</th>
<th>TRX120</th>
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<tr>
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<td>Net AHRI Rating</td>
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<td>½ in. NPT Male</td>
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<tr>
<td>Water Connections (Heating)</td>
<td>1 in. sweat</td>
<td>½ in. sweat</td>
</tr>
<tr>
<td>Water Connection (DHW)</td>
<td></td>
<td></td>
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<tr>
<td>Air Inlet Connection</td>
<td>2 in. (max 100 ft)</td>
<td>2 in. (max 100 ft)</td>
</tr>
<tr>
<td>Flue Connection</td>
<td>2 in. (max 150 ft)</td>
<td>3 in. (max 150 ft)</td>
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</table>

Dimensions

Accessories:
- 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

Limited Lifetime Warranty

5Y Parts + Lifetime Labour
High efficiency heating and DHW to meet the needs of the entire home.

The Tx Combi is the perfect choice for high efficiency water tube combination boiler applications. This boiler provides both space heating and domestic hot water in one single appliance, providing all the heat you need in one compact and affordable package. The boiler is equipped with a primary loop pump and pre-assembled low loss header to make installation easy and super fast. Eligible for energy efficiency rebates.

**Main Features:**
- Low loss header manifold included
- Easy to clean stainless steel heat exchanger
- Integrated primary loop pump
- Universal vent connections with embedded test port
- DHW flow sensor with no moving parts
- Quick connect components
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.

**Specifications:**

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<tr>
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<th>Tx200C</th>
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<tbody>
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<td>Natural Gas</td>
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<tr>
<td></td>
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<td>24.9 - 199 MBH</td>
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<td>4.6 GPM</td>
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<tr>
<td>Installation type</td>
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<tr>
<td>Weight</td>
<td>98 lb</td>
<td>120 lb</td>
</tr>
<tr>
<td>Gas connection</td>
<td>¾ in NPT female</td>
<td>¾ in NPT female</td>
</tr>
<tr>
<td>Water connections</td>
<td>1 in female (sweat joint)</td>
<td>1 in female (sweat joint)</td>
</tr>
<tr>
<td>DHW connections</td>
<td>¾ in NPT male</td>
<td>¾ in NPT male</td>
</tr>
<tr>
<td>Air Inlet</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
<td>3 in (max 100 ft)</td>
</tr>
<tr>
<td>Flue</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
<td>3 in (max 100 ft)</td>
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</tbody>
</table>

**Accessories:**
- Tx 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

**Dimensions:**

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<th>DIM Tx200c</th>
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<td>c</td>
<td>7 ¾&quot;</td>
<td>5 ¼&quot;</td>
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<tr>
<td>d</td>
<td>16&quot;</td>
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<td>e</td>
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<td>f</td>
<td>9&quot;</td>
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<td>g</td>
<td>6 ¾&quot;</td>
<td>7&quot;</td>
</tr>
<tr>
<td>h</td>
<td>2 ¼&quot;</td>
<td>1 ½&quot;</td>
</tr>
</tbody>
</table>

**Limited Lifetime Warranty:**
LIMITED LIFETIME PARTS
TX HEAT ONLY

Efficiency and dependability that suits every application.

The Tx high-efficiency stainless steel heating boiler is easy to install and maintain, and has proven reliability by the most used and tested technology worldwide. The user-friendly programmable display, fully packaged and wired assembly, and easy to clean heat exchanger make this unit a popular choice for homeowners and contractors. The Tx essential design and its wide power range is the perfect choice for clean and simple installations that keep costs under control.

Main Features:
- Easy to program display
- Easy to clean stainless-steel heat exchanger
- Quick connect components
- Universal vent connections with embedded test port
- Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction.
FTV COMBI

Fire Tube Boilers Made Simple

The FTV 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 low loss header makes it easy to install, set up and maintain, while its unique design enables simpler plumbing layouts to keep costs well under control.

The FTV Combi has ample space heating capacity and adds abundant hot water to its repertoire, making it a great 2-in-1 appliance.

Available in three sizes:
110, 150 & 190 MBH

95% AFUE

Main Features:
• Low loss header manifold included
• Fire tube stainless steel heat exchanger
• Integrated primary loop pump
• Universal vent connections with embedded test port
• DHW flow sensor with no moving parts
• Quick connect components
• Vents in PVC, CPVC or Polypropylene. Check with local jurisdiction
• 10:1 modulation

Field gas convertible
NG or LP
Outdoor reset
Casual installation up to 16
High energy spark ignition
120V Convenience Outlet

Dimensions

Specifications

<table>
<thead>
<tr>
<th>FTV110C</th>
<th>FTV150C</th>
<th>FTV190C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input Power Heating and DHW (Combi) Natural Gas Propane</td>
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<td>15 - 150 MBH</td>
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<tr>
<td>AFUE</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>Heating capacity</td>
<td>101 MBH</td>
<td>138 MBH</td>
</tr>
<tr>
<td>Net AHRI Rating</td>
<td>88 MBH</td>
<td>120 MBH</td>
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<tr>
<td>DHW Flow Rate at 77°F T Rise (Combi)</td>
<td>2.7 GPM</td>
<td>3.6 GPM</td>
</tr>
<tr>
<td>Installation type</td>
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<tr>
<td>Weight</td>
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<td>98 lb</td>
</tr>
<tr>
<td>Gas connection</td>
<td>¾ in NPT male</td>
<td></td>
</tr>
<tr>
<td>Water connections</td>
<td>1 in female (sweat point)</td>
<td></td>
</tr>
<tr>
<td>DHW</td>
<td>¾ in NPT male</td>
<td></td>
</tr>
<tr>
<td>Air Inlet</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
</tr>
<tr>
<td>Flue</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
</tr>
</tbody>
</table>

Accessories:
• FTV 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

LIFETIME LIMITED WARRANTY
5y
FTV Heat Only

Fire Tube Boilers Made Simple

The FTV 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 FTV’s smart solutions and quality components ensure you get the best value for money.

Available in three sizes: 110, 150 & 190 MBH

95% 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.

Specifications

<table>
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<th>Natural Gas</th>
<th>Propane</th>
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<td>15 - 150 MBH</td>
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<td>FTV190</td>
<td>19 - 190 MBH</td>
<td>19 - 190 MBH</td>
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<td>Heating capacity</td>
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<td>138 MBH</td>
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<tr>
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<td>120 MBH</td>
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<td>Weight</td>
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<tr>
<td>Gas connection</td>
<td>½ in NPT female</td>
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</tr>
<tr>
<td>Water connections</td>
<td>1 in NPT male</td>
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<tr>
<td>Air Inlet</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
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</tr>
<tr>
<td>Flue</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
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</table>

Accessories:
- FTV 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

Limited Lifetime Warranty / 5 Year Parts Warranty
High value integrated solutions that make 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

Specifications

<table>
<thead>
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<tbody>
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<td>95%</td>
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<tr>
<td>Water connections</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
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<td>3 in (max 150 ft)</td>
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<tr>
<td>Flue</td>
<td>2 in (max 100 ft), 3 in (max 150 ft)</td>
<td>3 in (max 150 ft)</td>
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</table>

Accessories:
- 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

Dimensions

LIMITED LIFETIME WARRANTY / 5Y PRIMARY HEAT EXCHANGER PARTS
**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.

**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 Poly Propylene. Check with local jurisdiction.

**Available in two sizes:**
- 110 MBH & 154 MBH

**95% AFUE**

**Dimensions**

<table>
<thead>
<tr>
<th>Specifications</th>
</tr>
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<tbody>
<tr>
<td><strong>VM110P</strong></td>
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<tr>
<td>DHW Input Power</td>
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<td>13.8 - 110 MBH</td>
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<tr>
<td>Heating Input Power</td>
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<tr>
<td>13.8 - 110 MBH</td>
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</tbody>
</table>

**Technical Data:**
- AFUE: 95%
- Heating capacity: 101 MBH - 141 MBH
- Net AHRI Rating: 88 MBH - 122 MBH
- DHW Flow Rate at 77°F T Rise: 2.5 GPM - 3.6 GPM
- Flue: 2 in (max 100 ft), 3 in (max 150 ft)
- Air inlet: 2 in (max 100 ft), 3 in (max 150 ft)
- Water connections: 1 in female (sweat joint), 1 in NPT male
- Weight: 115 lb - 140 lb
- Gas connection: ½ in NPT male
- DHW: ½ in NPT male

**Accessories:**
- 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

**Limited Lifetime Warranty: 5 Years**

**Certifications:**
- 120V Convenience Outlet
- High-energy spark ignition
- Cascade installation up to 16
- Outdoor reset
- Field gas convertible NG or LP

**For more information:**
- Indoor Wall Hung (rack available for floor standing installation)
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.

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

<table>
<thead>
<tr>
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<th>TFT60</th>
<th>TFT85</th>
<th>TFT110</th>
<th>TFT154</th>
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<td>40 ½&quot;</td>
<td>40 ½&quot;</td>
<td>40 ½&quot;</td>
<td>40 ½&quot;</td>
</tr>
</tbody>
</table>

Specifications:

- **TFT60**: Input Power NG 12.6 - 60 MBH, LP 17.6 - 65 MBH
- **TFT85**: Input Power NG 17.6 - 85 MBH, LP 22.6 - 88 MBH
- **TFT110**: Input Power NG 21.6 - 110 MBH, LP 26.6 - 113 MBH
- **TFT154**: Input Power NG 15.4 - 154 MBH, LP 20.0 - 200 MBH
- **TFT201**: Input Power NG 18.5 - 201 MBH, LP 23.5 - 237 MBH
- **TFT285**: Input Power NG 26.5 - 285 MBH, LP 31.5 - 312 MBH
- **TFT340**: Input Power NG 34.0 - 340 MBH, LP 39.0 - 399 MBH
- **TFT399**: Input Power NG 34.0 - 399 MBH

- **AFUE**: 95% gas, 95.4% thermal 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, 150 MBH, 228 MBH, 282 MBH, 330 MBH
- **Installation type**: Indoor Wall Hung (rack available for floor standing installation)
- **Weight**: 128 lb, 128 lb, 128 lb, 140 lb, 200 lb, 200 lb, 237 lb, 247 lb
- **Gas connection**: ½ in NPT female, ¾ in NPT male
- **Water conn.**: 1 in NPT male, 1½ in NPT male, 1½ in NPT male
- **Air inlet**: 2 in [max 100 ft*], 3 in [max 150 ft]
- **Flue**: 2 in [max 100 ft*], 3 in [max 150 ft]

*For LP: TFT6085 max 35 ft, TFT110 max 25 ft

Accessories:
- 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

Limited Lifetime Warranty
COMMERCIAL CONDENSING GAS BOILERS

ALL THE POWER YOU NEED
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 also be 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.

**Main Features:**
- 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.

**Specifications**

<table>
<thead>
<tr>
<th>Lx200</th>
<th>Lx300</th>
<th>Lx400</th>
<th>Lx500</th>
<th>Lx600</th>
<th>Lx800</th>
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<tr>
<td>Input Power</td>
<td>Natural Gas Propane</td>
<td>25 - 199 MBH</td>
<td>55 - 275 MBH</td>
<td>75 - 399 MBH</td>
<td>100 - 500 MBH</td>
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<tr>
<td>AFUE</td>
<td>93.5%</td>
<td>93.7%</td>
<td>94% Thermal Efficiency</td>
<td>94% Thermal Efficiency</td>
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<tr>
<td>Heating capacity</td>
<td>181 MBH</td>
<td>251 MBH</td>
<td>375 MBH</td>
<td>470 MBH</td>
<td>564 MBH</td>
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<td>Net AHRI Rating</td>
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<td>218 MBH</td>
<td>326 MBH</td>
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<td>490 MBH</td>
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<td>Weight</td>
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<td>225 lb</td>
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<tr>
<td>Gas connection</td>
<td>⅜ in NPT female</td>
<td>¼ in NPT female</td>
<td>¼ in NPT female</td>
<td>¼ in NPT female</td>
<td>⅛ in NPT female</td>
</tr>
<tr>
<td>Water connections</td>
<td>1 in NPT female</td>
<td>⅜ in NPT female</td>
<td>⅜ in NPT female</td>
<td>⅜ in NPT female</td>
<td>⅜ in NPT female</td>
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<tr>
<td>Air Inlet</td>
<td>3 in (max 105 ft)</td>
<td>4 in (max 100 ft)</td>
<td>6 in (max 100 ft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flue</td>
<td>3 in (max 105 ft)</td>
<td>4 in (max 100 ft)</td>
<td>6 in (max 100 ft)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Accessories:**
- 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

**Dimensions**

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<thead>
<tr>
<th>Lx300-400</th>
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<tbody>
<tr>
<td>FRONT</td>
</tr>
<tr>
<td>TOP</td>
</tr>
<tr>
<td>SIDE</td>
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</tbody>
</table>

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

**Note:**
- Lx150 and Lx700 also available. Please refer to Lx Series Brochure for specifications

**Available in eight sizes ranging from: 150 MBH to 800 MBH**

**94% Thermal Efficiency**
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.

Main Features:
- 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.

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

Up to 96% Thermal Efficiency

<table>
<thead>
<tr>
<th>Dimensions</th>
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</thead>
<tbody>
<tr>
<td>FRONT</td>
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<tr>
<td>DIM FTG 800</td>
</tr>
<tr>
<td>a 6 6/8&quot;</td>
</tr>
<tr>
<td>b 8 ¾&quot;</td>
</tr>
<tr>
<td>c 5 ½&quot;</td>
</tr>
<tr>
<td>d 4&quot;</td>
</tr>
<tr>
<td>e 12&quot;</td>
</tr>
<tr>
<td>f 13&quot;</td>
</tr>
<tr>
<td>g 17&quot;</td>
</tr>
<tr>
<td>h 11&quot;</td>
</tr>
<tr>
<td>i 5&quot;</td>
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</tbody>
</table>
| j 29 ¼" | 44 ¼" | 44 ¼" | 60 ¼" | 60 ¼" | 60 ¼"

<table>
<thead>
<tr>
<th>Specifications*</th>
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<tbody>
<tr>
<td>FTG800</td>
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<tr>
<td>Input Power</td>
</tr>
<tr>
<td>---</td>
</tr>
<tr>
<td>80 - 880 MBH</td>
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<tr>
<td>Thermal Efficiency</td>
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<tr>
<td>Heating capacity</td>
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<td>Net AHRI Rating</td>
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<tr>
<td>Installation type</td>
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<tr>
<td>Weight</td>
</tr>
<tr>
<td>Gas connection</td>
</tr>
<tr>
<td>Water conn.</td>
</tr>
<tr>
<td>Inlet</td>
</tr>
<tr>
<td>Outlet</td>
</tr>
<tr>
<td>Air Inlet</td>
</tr>
<tr>
<td>Flue</td>
</tr>
</tbody>
</table>

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

Accessories:
- 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

LIMITED LIFETIME WARRANTY / 5y PRIMARY HEAT EXCHANGER PARTS

30 NTTI CONDENSING GAS BOILERS
# 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

## HEAT ONLY

<table>
<thead>
<tr>
<th></th>
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<th>FTV</th>
<th>Vmax</th>
<th>TFT</th>
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<td>57 - 199 MBH</td>
<td>110-190 MBH</td>
<td>110 - 154 MBH</td>
<td>60 - 399 MBH</td>
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<td>up to 10:1</td>
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<td>94% AFUE</td>
<td>95% AFUE</td>
<td>95% AFUE</td>
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<td>Stainless Steel Fire Tube</td>
<td>Stainless Steel Water Tube</td>
<td>Stainless Steel Fire Tube</td>
<td>Stainless Steel Water Tube</td>
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<tr>
<td><strong>Boiler Controller</strong></td>
<td>NTI Smart Push Button</td>
<td>NTI Smart Push Button</td>
<td>NTI Smart Push Button</td>
<td>NTI iFLEX Touch Screen</td>
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<tr>
<td><strong>Combustion air intake</strong></td>
<td>Sealed Cabinet</td>
<td>Direct connection</td>
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<td>Copper</td>
<td>Copper</td>
<td>Stainless Steel</td>
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<td><strong>Cascade installation</strong></td>
<td>√ (up to 8)</td>
<td>√ (up to 16)</td>
<td>√ (up to 16)</td>
<td>√ (up to 16)</td>
<td>√ (up to 8)</td>
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<tr>
<td><strong>Outdoor reset</strong></td>
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<td>√</td>
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<td>√</td>
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<td><strong>Integrated indirect tank circulation pump</strong></td>
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<td><strong>Integrated indirect tank connections</strong></td>
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<td><strong>High Voltage Spark Ignition</strong></td>
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<td>5y</td>
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| Ideal for | Light to heavy commercial applications | Fire Tube boiler for commercial applications of any kind | Cost effective and reliable combination with unparalleled DHW comfort |

## COMBI

<table>
<thead>
<tr>
<th></th>
<th>Lx</th>
<th>FTG</th>
<th>TRX COMBI</th>
<th>Tx COMBI</th>
<th>FTV COMBI</th>
<th>VMAX PLUS</th>
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<td>800 - 2,400 MBH</td>
<td>114-150 MBH</td>
<td>Heating: 80 - 120 MBH</td>
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<td>up to 8:1</td>
<td>up to 10:1</td>
<td>up to 11:1</td>
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<td>10:1</td>
<td>up to 10:1</td>
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<td>95% AFUE</td>
<td>95% AFUE</td>
<td>95% AFUE</td>
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<td><strong>Heat Exchanger</strong></td>
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<td>NTI Smart Push Button</td>
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<tr>
<td><strong>Cascade installation</strong></td>
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</tr>
<tr>
<td><strong>Integrated primary Loop pump</strong></td>
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<td><strong>Integrated indirect tank circulation pump</strong></td>
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<td>√ (on VM153 only)</td>
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<td><strong>Integrated indirect tank connections</strong></td>
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<td><strong>High Voltage Spark Ignition</strong></td>
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<tr>
<td><strong>Integrated 120 V condensate pump receptacle</strong></td>
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<tr>
<td><strong>Warranty</strong></td>
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</tbody>
</table>

| Ideal for | Cost effective and reliable combination of any kind | Cost effective and reliable combination of any kind | Cost effective and reliable combination of any kind |

For more information contact your local NTI representative or visit ntiboilers.com
ENDLESS HOT WATER FOR ANY APPLICATION
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.

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

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

96% Thermal Efficiency

Input Power Natural Gas Propane
25 - 199 MBH 55 - 275 MBH 75 - 399 MBH 100 - 500 MBH 120 - 600 MBH 160 - 800 MBH

GPH at 100°F T Rise Lx200WH Lx300WH Lx400WH Lx500WH Lx600WH Lx800WH
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 ½ in NPT female ½ in NPT female 1 in NPT male
Water connections 1 in NPT female 1 in NPT female 1 ¼ in NPT female 2 in NPT female
Air Inlet 3 in (max 105 ft) 4 in (max 100 ft) 6 in (max 100 ft)
Flue 3 in (max 105 ft) 4 in (max 100 ft) 6 in (max 100 ft)

Lx700 WH also available

Accessories:
- 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

LX-WH SERIES

WATER HEATERS

Dimensions

Specifications*

Lx200WH Lx300WH Lx400WH Lx500WH Lx600WH Lx800WH

Dimensions

Accessories:

Field gas convertible up to 500 NG or LP
Outdoor reset
Cascade installation up to 8
High-energy spark ignition

5y / 5y PRIMARY HEAT EXCHANGER PARTS

WARRANTY
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.
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

![Mini Tank Electric Water Heater](image)

### Dimensions

**NTI COMPACT 2.5 & 4**

*Look at the manual for NTI Compact 6 dimensions*

#### Specifications

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NTI COMPACT 2.5</th>
<th>NTI COMPACT 4</th>
<th>NTI COMPACT 6</th>
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</thead>
<tbody>
<tr>
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<td>4.0 gal</td>
<td>7.0 gal *</td>
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<tr>
<td>Dimensions</td>
<td>13 3/4&quot; W x 13 1/4&quot; H x 10 3/4&quot; D</td>
<td>13 3/4&quot; W x 13 1/4&quot; H x 13 1/4&quot; D</td>
<td>17 3/4&quot; W x 17 3/4&quot; H x 14 1/4&quot; D</td>
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<tr>
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<td>15.5 lbs</td>
<td>17.3 lbs</td>
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<tr>
<td>Maximum Water pressure</td>
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<td>150 psi</td>
<td>150 psi</td>
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<tr>
<td>Recovery rate at 90°F rise</td>
<td>6.8 gal/h</td>
<td>6.8 gal/h</td>
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<td>Temperature range</td>
<td>65 – 145 °F</td>
<td>65 – 145 °F</td>
<td>65 – 145 °F</td>
</tr>
<tr>
<td>Water connections</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
<td>3/4&quot; NPT</td>
</tr>
<tr>
<td>Relief valve</td>
<td>Installed</td>
<td>Installed</td>
<td>Included</td>
</tr>
<tr>
<td>Nominal Voltage (1 phase)</td>
<td>110/120 Vac</td>
<td>110/120 Vac</td>
<td>110/120 Vac</td>
</tr>
<tr>
<td>Nominal current</td>
<td>12 A</td>
<td>12 A</td>
<td>12 A</td>
</tr>
<tr>
<td>Power at 120 Vac</td>
<td>1,440 W</td>
<td>1,440 W</td>
<td>1,440 W</td>
</tr>
<tr>
<td>Electrical Connection</td>
<td>Plug-in</td>
<td>Plug-in</td>
<td>Hard wired</td>
</tr>
</tbody>
</table>

**Sizing**

- **POINT-OF-USE**
  - Single faucets
  - Remote locations
  - Single water lines

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

### Notes

- 5.1 gal if installed vertically

*UL Listed*

- 4 bolts flange
- Glass lined tank
- Mg sacrificial anode
- High accuracy thermostat
COMBI FURNACES
EMBRACE A NEW DIMENSION OF COMFORT
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, featuring two new dimension of comfort, and energy savings.

**Main Features:**
- Eligibility 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

**New generation ECM motor and blower for whisper quiet performance.**

**Specifications**

<table>
<thead>
<tr>
<th>Specifications</th>
<th>SPACE HEATING</th>
<th>DOMESTIC HOT WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Capacity (Input)</td>
<td>Natural Gas 19,900 - 80,000 BTU/H</td>
<td>Propane 19,900 - 199,900 BTU/H</td>
</tr>
<tr>
<td>Energy Efficiency</td>
<td>AFUE</td>
<td>97.1%</td>
</tr>
<tr>
<td></td>
<td>UEF</td>
<td>0.96</td>
</tr>
<tr>
<td></td>
<td>EF</td>
<td>0.97</td>
</tr>
<tr>
<td>Hot Water Flow Rate</td>
<td>50 °F (28 °C) Temp Rise 7.8 GPM (29 L/M)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>65 °F (36 °C) Temp Rise 6.0 GPM (23 L/M)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>80 °F (44 °C) Temp Rise 4.8 GPM (18 L/M)</td>
<td></td>
</tr>
<tr>
<td>Minimum</td>
<td>NO MINIMUM REQUIRED</td>
<td></td>
</tr>
</tbody>
</table>

**Dimensions**

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>SPACE HEATING</th>
<th>DOMESTIC HOT WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heat Exchangers Length</td>
<td>3 in</td>
<td>150 ft*</td>
</tr>
<tr>
<td></td>
<td>2 in</td>
<td>60 ft*</td>
</tr>
<tr>
<td>Weight</td>
<td>248 lbs</td>
<td></td>
</tr>
<tr>
<td>Installation Type</td>
<td>Indoor</td>
<td></td>
</tr>
<tr>
<td>Power Supply</td>
<td>120 V AC, 60 Hz</td>
<td></td>
</tr>
</tbody>
</table>

**Accessories:**
- Plumbing connection kit (including tempering, relief and isolation valves)

**NTI Boilers:**
- Combi Furnaces
- North American-made comfort
- Acknowledged as a leader in research and product development
- Manufactured hydronic heating equipment for 50 years

**Warranty:**
- 8y/5y HEATING SYSTEM / PARTS WARRANTY
OIL AND WOOD
BOILERS
WORRY-FREE COMFORT
PROVEN BY THE TEST OF TIME

Products you need from people who care
**OIL AND WOOD BOILERS**

**Odyssey**

State-of-the-Art Cast Iron Oil Boiler
- Reliable cold-start operation
- Models ranging from 124,000 to 245,000 BTU/Hr
- Three-pass combustion path design generates outstanding performance
- Domestic hot water priority
- Outdoor Reset, Warm Weather Shutdown and Low Water Cut-Off
- Direct vent option
- Compact design with low clearances Simple installation and care

**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

**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 creosol buildup
- Thermostat heat control
- Wet leg, high efficiency boiler design
- Designed to A.S.M.E. requirements

**Triton**

High Efficiency Hot Water Oil-Fired Heating Boiler.
- Efficient dry base boiler
- Unique water baffle design
- Raised flange tankless coil
- Easy servicing

**Models and Specifications**

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<tbody>
<tr>
<td>VS 80</td>
<td>0.65</td>
<td>78,000</td>
<td>70,200</td>
<td>86%</td>
<td>417</td>
</tr>
<tr>
<td>VS 90</td>
<td>0.75</td>
<td>90,000</td>
<td>81,000</td>
<td>86%</td>
<td>417</td>
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<tr>
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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:

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**Atlantic Canada**
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**Eastern Canada**
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