

TRINITY^{Lx}

GAS BOILER OR WATER HEATER

Luxury features
and quality –
with superior
efficiencies



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UNPARALLELED FEATURES

- State-of-the-art touchscreen display
- Unmatched levels of software features and customization
- Patented 316L stainless heat exchanger with efficiencies of up to 98% steady state and 97% AFUE
- Industry-leading modulation rates of up to 8:1
- High-quality cabinetry with clearcoat finish
- Both vents conveniently located on the top



EFFICIENCY AND TECHNOLOGY

- Alarm contact
- Innovative floor or wall-mount configuration provides exceptional access to all components
- Factory-installed condensate trap with no moving parts
- Spark ignition with dual electrodes using a high-output transformer for unparalleled ignitions
- Removable door and hinged display panel for ultimate access and serviceability
- No clearance required on the back, bottom or right side
- Three configurable pump outputs



Luxury features and quality – with superior efficiencies



Making the right choice on home heating equipment is key

SAVE THE PLANET – The Trinity Lx can reduce greenhouse gas (GHG) emissions by up to 50%, and lead to a reduction of 2.5 tons of GHGs, equivalent to two acres or 280 trees.

SAVE MONEY – The Trinity Lx can result in savings of up to 25% on heating bills due to its superior efficiency.

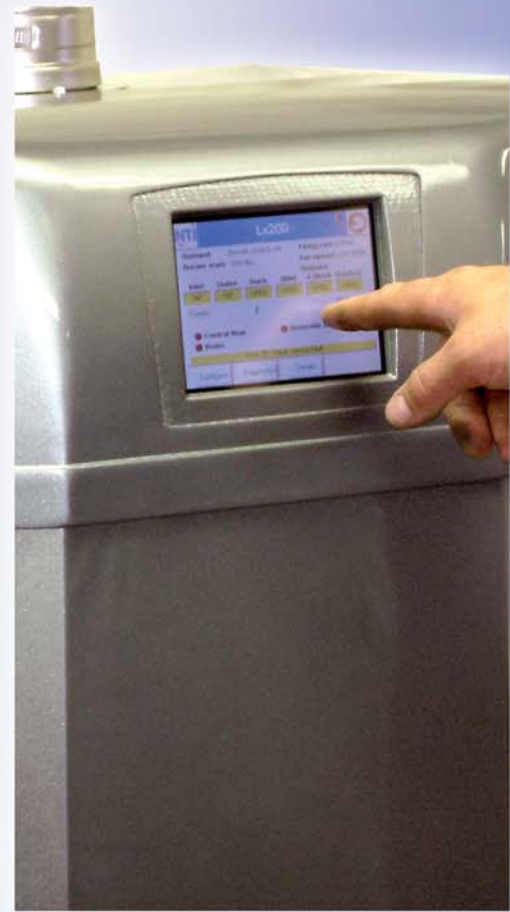
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5.7" COLOUR TOUCHSCREEN DISPLAY

Once again, NTI is the first to offer advanced features and unsurpassed value. Our 5.7" colour touchscreen display is superior to competing displays:

- Summary page displays all operational data in easy-to-read format
- Control has numerous features to provide unmatched levels of sophistication and controllability
- Extremely customizable (units and parameters)
- Automatically detects other Lx boilers, for master slave operation, without the need for energy management controllers and stagers
- Additional display can be remotely mounted
- Modbus communication for connection to security or building management systems
- Installer parameters are password protected
- Exceptional array of software features:
 - Outdoor temperature reset
 - Indirect water heater management
 - Installer can select personal settings
 - Directly compatible with programmable thermostats
- Extensive diagnostic and troubleshooting functions
- Displays outdoor reset temperature curve
- Critical components are independently fused for superior protection
- Multiple inputs and outputs for ultimate controllability
- Accepts modulation input from other energy management controllers



INSTANTANEOUS WATER HEATER

The Trinity Lx 200 and 400 are the only certified boilers that can be used as either a boiler or a Potable Instantaneous Hot Water Heater for commercial applications. When used as a Water Heater the Trinity Lx provides:



Endless Hot Water

When sized correctly the Trinity Lx can provide endless amounts of hot water.

Larger Capacity, Small Size

The Trinity Lx has tremendous output capacity, meaning that only limited water storage is required.



Unmatched Thermal Efficiency

The Trinity Lx is up to 98% efficient.

Superior Recovery

The Trinity Lx has one of the best recovery rates in the industry.



OUR ENVIRONMENTAL COMMITMENT



NTI is committed to clean and resource-friendly practices.

- Our products are the result of years of research and testing to determine effective and efficient means of heating and cooling that reduce resource dependency and GHG emissions.
- Our new facility is certified with the LEED (Leadership in Energy and Environmental Design) Green Building Rating Program.
- Our internal commitment to conservation is leading to more paperless practices, and the use of environmental stocks that are process chlorine free and use 100% recycled paper.
- Our outside printing companies and vendors are committed to using environmentally-friendly products and processes as well.



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GENERAL SPECIFICATIONS

	Lx150	Lx150E	Lx200	Lx400
Input Modulation (1000 btu/hr)	25 - 150	25 - 150	25 - 199	75 - 399
Water (NPT)	1*	1	1	1 1/4
Weight (lbs)	100	125	125	225
Max. Pressure (PSI)	145**	145		
Gas Connection (NPT)	1/2			3/4
Vent & Air Size – Max. Length	3" - 105' NG, 50' LP			4" - 30', 6" - 65'
Dimensions (H x W x D)	29.5 x 17 x 18.5"			36 x 17 x 24"

BOILER SPECIFICATIONS

	Lx150	Lx150E	Lx200	Lx400
DOE Heating Capacity (btu/hr)	136,000	139,000	182,000	374,000
Net I=B=R Rating (btu/hr)	118,000	121,000	158,000	325,000
DOE AFUE (%)	95.1	97	95.1	94***

WATER HEATER SPECIFICATIONS

	Lx200	Lx400
Recovery Rating @ 100°F Rise	224 GPH	450 GPH
Min. Thermal Efficiency (%)	93	93
Additional Equipment Required	Storage Tank, Aquastat, Bronze Pump & Flow Switch	

* 3/4" for Canadian Lx150
 ** 30PSI for Canadian Lx150
 *** Steady State efficiency – AFUE is not applicable for Lx400

As NTI continuously strives to improve our products, we reserve the right to make changes without prior notification.



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