

TRINITY_{LX}

GAS BOILER

USER-FRIENDLY TOUCH SCREEN DISPLAY

FULLY MODULATING WITH UP TO 8:1 TURNDOWN

MODELS FROM 150,000-800,000 BTU/HR

STAINLESS STEEL HEAT EXCHANGER

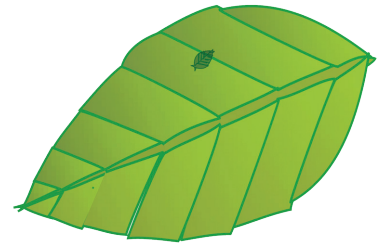


NTIBoilers.com



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UNPARALLELED FEATURES

- User-Friendly touch screen display for easy programming
- Unmatched levels of software features and customization
- Patented 316L stainless heat exchanger with a rated thermal efficiency of 94%
- High-quality cabinetry with clearcoat finish
- 7" colour touch screen display
- User-Friendly diagnostic and troubleshooting functions



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
- Cascade up to 8 Lx Boilers
- Three configurable pump outputs
- ASME Certified Heat Exchanger

Luxury features and quality - with superior efficiencies



Making the right choice on 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.

Dependability

Our warranty provides you with years of worry-free operation and our Technical Support is second-to-none in the industry. When you buy NTI, you buy the best.



GENERAL SPECIFICATIONS

	Lx150	Lx150E	Lx200	Lx300	Lx400	Lx500	Lx600	Lx700	Lx800
Gas Connection - NPT, in.	1/2" (Female)			3/4" (Female)			1" (Male)		
Water Connections, NPT, in.	1" (Female)			1-1/4" (Female)		2" (Female)			
Exhaust Vent Connection, in.	3			4				6	
Air-Inlet Connection, in.	3			4					
Cabinet Height, in.	29.5			36		43	37		
Cabinet Width, in.	17								
Cabinet Depth, in.	18.5			21.5	24	32.5	47.5	63.5	
Approx. Weight w/ water, lbs.	100	125		180	225	320	380	475	
Water Content, Gal.	1	1.2		2.1	2.4	3.3	4	5.2	
Electrical Rating	120 V / Phase / 60 Hz / 12A								

BOILER PERFORMANCE SPECIFICATIONS

	Lx150	Lx150E	Lx200	Lx300	Lx400	Lx500	Lx600	Lx700	Lx800
CSA Input Modulation (MBH) ¹	25-150		25-199	55-275	75-399	100-500	120-600	160-700	160-800
DOE Heating Capacity (MBH) ^{1,3}	136		181	251	375	470	564	658	752
Net I=B=R Rating (MBH) ^{1,3}	118		157	218	326	409	490	572	654
DOE AFUE (%) ³	93.5			93.7		-			
Combustion Efficiency (%) ³	-				95				
Thermal Efficiency (%) ³	-				94				

Notes:

¹Listed Input and Output ratings are at minimum vent lengths at Sea Level. Numbers will be lower with longer venting and/or altitudes greater than 2000 feet [610 m].

²The maximum input when operating on LP-Gas is limited to 145 MBH for model Lx150.

³Based on standard test procedures prescribed by the U.S. Department of Energy. Ratings have been confirmed by AHRI.

SEE REVERSE SIDE FOR DIMENSIONAL SPECIFICATIONS

ADDITIONAL TRIN & STOR INDIRECT TANK

Pair the Trinity Lx with one of our **Trin & Stor** Indirect tanks for maximum performance and additional features.



ENDLESS HOT WATER

INCLUDES AQUASTAT & TANK SENSOR

SIDE CONNECTIONS FOR LOW PROFILE INSTALLATIONS

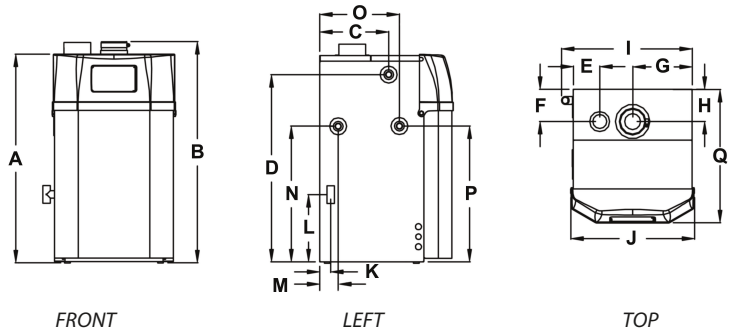
HIGH QUALITY STAINLESS STEEL DESIGN

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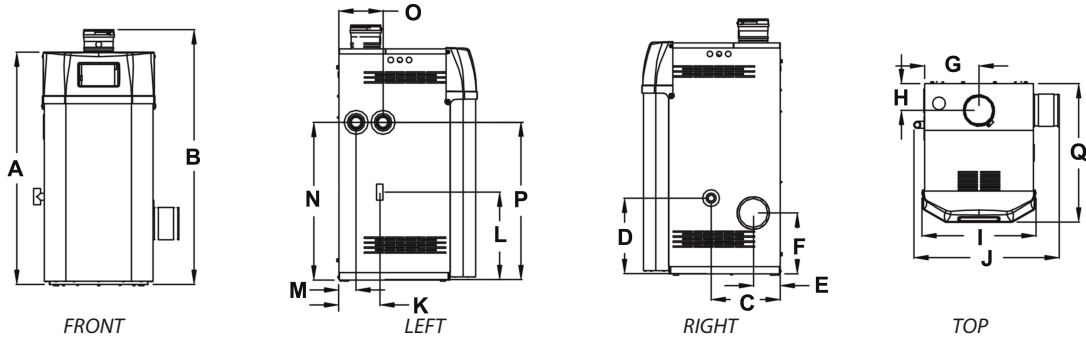
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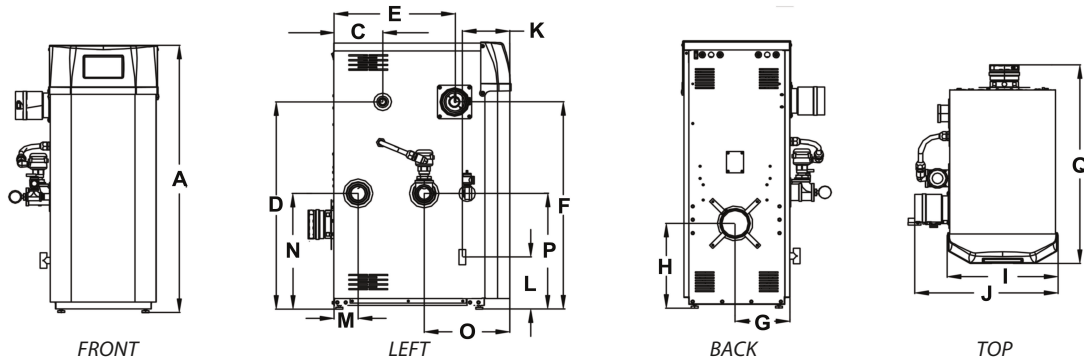
DIMENSIONS [INCHES]



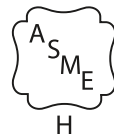
MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	HEIGHTS		GAS CONN.		AIR INLET		FLUE		WIDTHS		CONDENSATE		INLET		OUTLET		DEPTH
Lx150 (US)	29-1/2	31-1/2	11-3/4	23	3-3/4	4-1/2	8-1/2	4-1/2	18-3/4	17	1-1/2	9-1/2	2-1/2	19-1/2	9	19-1/2	18-1/2
Lx150 (CAN)			10-1/2														
Lx150E			9-3/4	27													
Lx200			26-3/4														



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	HEIGHTS		GAS CONN.		AIR INLET		FLUE		WIDTHS		CONDENSATE		INLET		OUTLET		DEPTH
Lx300	36	39-3/4	10-3/4	11-3/4	4-1/4	9-1/2	8-1/2	4-1/2	17-3/4	22-3/4	6-1/2	14	3-3/4	24-1/2	6-1/2	24-1/2	21-1/2
Lx400			16-1/2										3				24-1/2



MODEL	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
	HEIGHTS		GAS CONN.		AIR INLET		FLUE		WIDTHS		CONDENSATE		INLET		OUTLET		DEPTH
Lx500	43	NA	7-3/4	34	19-1/2	34	8-3/4	14	17-3/4	23	7-3/4	8-1/2	4	18-1/4	13-3/4	18-1/4	32-1/2
Lx600	37		25-1/4	31-3/4	36	20	8-1/4	14			20-3/4			19	29	33-3/4	47-1/2
Lx700			25-1/2	31-1/2	44-1/2	20		18-1/4			62-3/4						
Lx800			25-1/2	31-1/2	44-1/2	20		18-1/4									



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

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