



WE HAVE THEM
OUTNUMBERED

5 MODELS FROM 399,000 TO 850,000 BTU/HR

UP TO 98% THERMAL EFFICIENCY

UP TO 10:1 TURNDOWN RATIO

FLOW RATES FROM 10 TO 150 GPM



DESIGNED ★ ENGINEERED ★ ASSEMBLED

USA



Lochinvar®



HIGHEST EFFICIENCY IN CLASS

The Lochinvar FTXL™ truly is a game-changer in the ways that matter most to contractors and their customers.

With five models from 399,000 to 850,000 Btu/hr, FTXL represents a new generation of fire-tube technology, delivering tremendous installation flexibility, plus thermal efficiencies of 97% to 98%, depending on the model. *See back for efficiency by model.

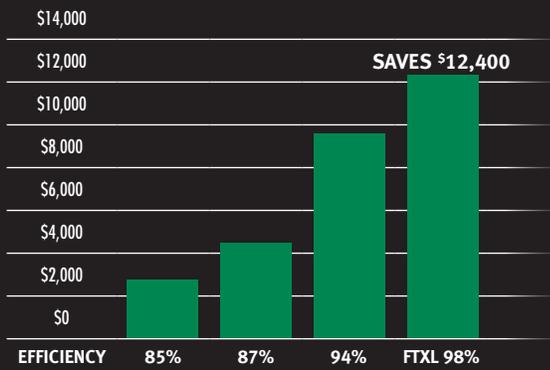
Plus, FTXL keeps you in complete control, from across town or across the country, thanks to the new CON·X·US™ mobile connectivity feature.

SAVES MONEY ON FUEL COSTS!

FTXL's 98% Thermal Efficiency is higher than any boiler in its class. Check out the potential savings!

Fuel savings is based on a heating load of 19,000 therms per year being supplied by an 82% efficient boiler at the DOE National average for natural gas of \$1.09.

3 - Year Fuel Savings



TOTAL CONTROL, FROM ANYWHERE

With the state-of-the-art SMART SYSTEM™ control, FTXL is enabled for optional CON·X·US remote connectivity.* It provides outstanding functionality, using the unit's on-board control panel, or via a mobile connection from wherever you go!

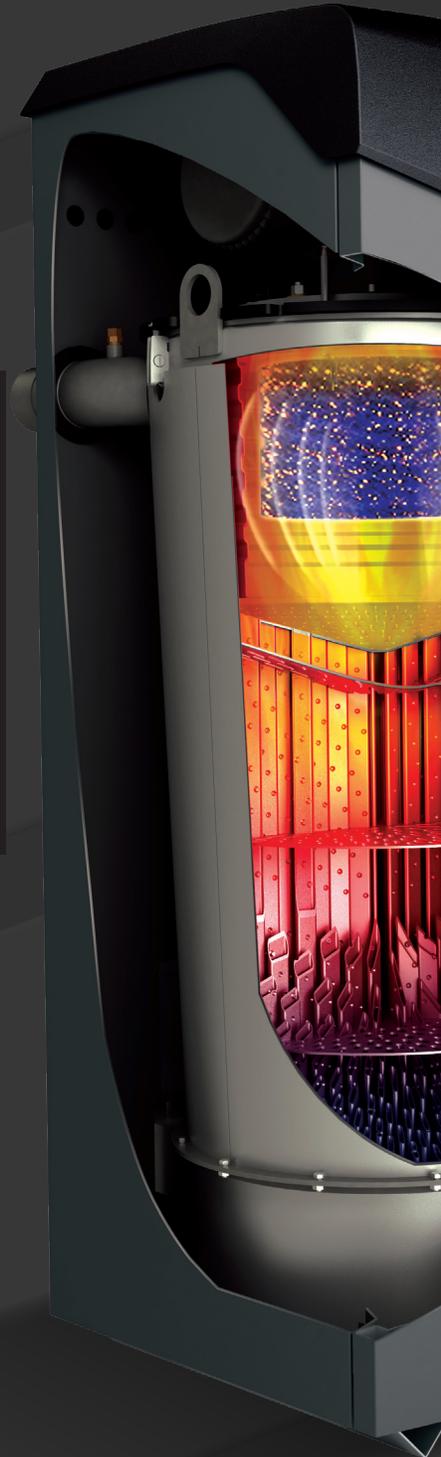


Text or e-mail status alerts sent to your computer or mobile device.

Monitor status and re-program control parameters from anywhere.



* CON·X·US Wireless Control Board sold separately.



THE INSTALLER'S BEST FRIEND

Saves Space!

The installed footprint of an FTXL boiler is 20% to 30% smaller than competitive boilers. And zero clearance on both sides means FTXL can squeeze where other boilers can't!

Easy Access!

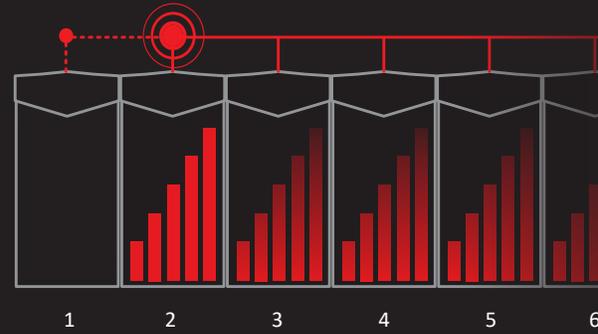
With the FTXL boiler the water, gas and venting connections are on the back of the unit. And for service, the FTXL's hinged top opens to put components and connections in easy reach!

Saves Money!

FTXL can operate over a wide range of flow rates, with very low pressure drop. Installing FTXL as a full flow (variable primary) system cuts installation time plus the cost of pipe and pumps needed for primary/secondary piping. Savings can run into hundreds of dollars!

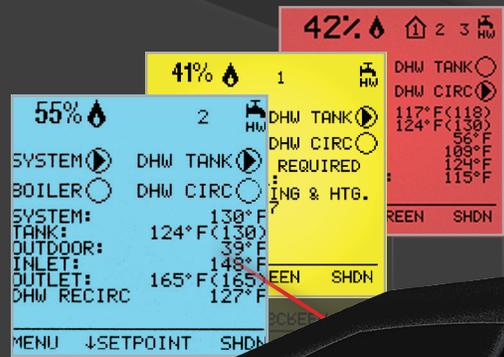
Cascade Redundancy Protects against Downtime!

Up to eight FTXL boilers can operate efficiently as a cascading system, with total inputs up to 6.8 MBtu/hr. Cascade redundancy helps ensure that the system will run with no downtime, because if the first "lead" boiler becomes non-operational, the second boiler takes the lead until the first is brought back online.



Easy Loch-N-Link® Programming!

Load proven FTXL parameter sets onto a USB drive, and just plug into the port in the front panel to quickly upload them into the boiler. Reduces installation and programming time by up to 30 minutes per boiler!



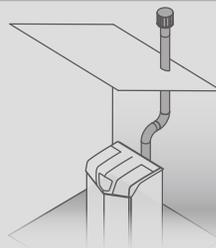
Color-coded control display shows whether the system is functioning normally (blue), needs maintenance (yellow) or is in lockout mode (red). Can be programmed to display contractor's contact information.



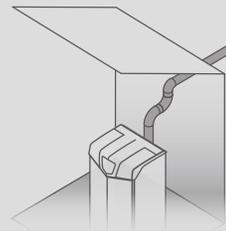
FULLY EQUIPPED WITH PEACE OF MIND!

VENTING VERSATILITY!

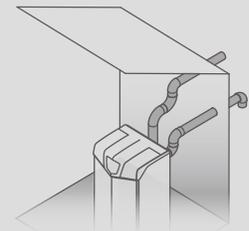
With FTXL you can easily meet any venting challenge. Room air venting or direct-venting, using PVC, CPVC, polypropylene or stainless steel vent pipe, up to 100 feet, plus common venting for multi-unit installations.



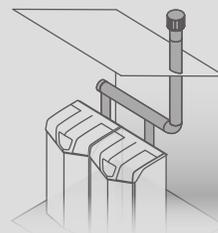
Room Air Vertical



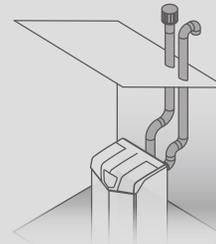
Room Air Sidewall



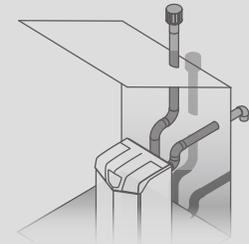
Direct Vent



Common Vent



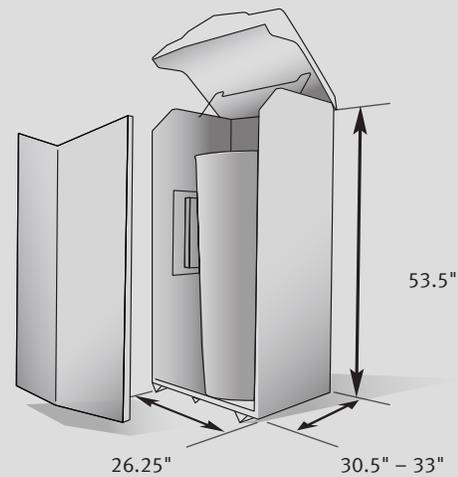
Direct-Vent Vertical



Vertical w/Sidewall Air

RUNS SMOOTHLY ON CRUISE CONTROL!

Your car can automatically change speed as the road rises and falls, and FTXL can automatically modulate its firing rate as demand changes. When it's coldest outside, FTX500 will fire at its maximum 500,000 Btu/hr rate. As it gets warmer and heat demand drops, it will gradually turn down to as low as 10% (50,000 Btu/hr). FTXL smoothly cruises through the day, with no frequent on/off cycling that can cause premature component failure.



FTXL FIRE TUBE BOILER						DIMENSIONS AND SPECIFICATIONS								
Model Number	Input		Thermal Efficiency	Gross Output MBH	NET AHRI Rating MBH	Turn down	Flow (GPM)		HEX Water Volume	Water Conn.	Vent Size	Air Intake	Gas Conn.	Ship Wt. (lbs.)
	Min MBH	Max MBH					Min	Max						
FTX400(N,L)	49.0	399.0	98.0%	391	340	10:1	10	105	13	2"	4"	4"	1"	435
FTX500(N,L)	50.0	500.0	97.7%	489	425	10:1	15	105	12	2"	4"	4"	1"	460
FTX600(N,L)	85.0	600.0	97.5%	585	509	7:1	15	105	12	2"	4"	4"	1"	470
FTX725(N,L)	103.5	725.0	97.2%	705	613	7:1	20	150	17	2-1/2"	6"	4"	1"	510
FTX850(N,L)	121.5	850.0	97.0%	825	717	7:1	25	150	16	2-1/2"	6"	4"	1"	535

*The Net AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15. *Lochinvar should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. *The ratings have been determined under the provisions governing forced draft burners.

*Information subject to change without notice. Dimensions are in inches. Select "N" or "L" for Natural or LP gas.

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