LAARS® LT SERIES

Tankless Water Heater
150 MBH or 199 MBH

High Efficiency up to 0.98 UEF





HIGH EFFICIENCY
CONDENSING TECHNOLOGY

LAARS®
Heating Systems Company

Built to be the Best®

LAARS® LT SERIES

DEVELOPED FOR TODAY'S LIFESTYLES





Since our beginning as Laars Engineering in 1948, Laars has embodied innovation and advancement in heating technology. We have built upon our technology over the past seventy plus years to ensure Laars products meet the demands of today's discerning customer.

Laars stands behind each of its products with stringent quality standards which require each unit to be live-fired before it's packaged, and a service and support team that places the customer and their needs first – every time. Laars brings comfort, reliability, and peace of mind to you and your home.

Environmentally Responsible
High efficiency, condensing technology with a UEF (Uniform Energy Factor):
0.98 (model 150) and 0.96 (model 199)
Low NOx system exceeds the most stringent NOx regulations
Energy Star® certified

Long Life Heat Exchanger
Durably constructed of stainless steel for long life and high performance
15 year warranty

Reliable, Durable, Easy
Easy to set up, easy to service with its intelligently laid out design and enhanced digital display
Great for a retrofit or new installation

Flexible Features
Natural gas or propane models
Indoor or outdoor installation ready
Cascade up to 16 LT199 or 2 LT150 standard units

Title 24 Compliant
The Laars LT Series Tankless Water Heater models are capable of complying with Title 24 requirements.

INTELLIGENT DESIGN



Rebates Available!
Don't forget to submit for your rebate today!

TANKLESS WATER HEATER

DESIGNED FOR TODAY'S CONTRACTORS

The Laars LT Series Condensing Tankless Water Heater is a powerful tankless water heater with capabilities of delivering a stable stream of hot water even when there is demand from multiple appliances. Hot water when you want it, for as long as you want it!

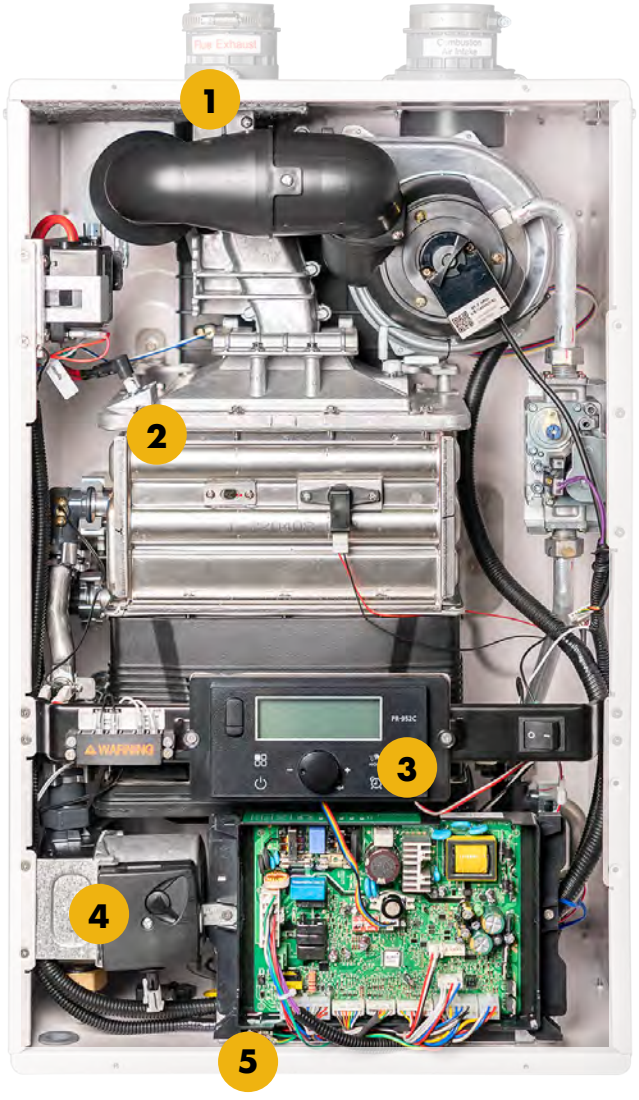
1 **Multiple Venting Options**
2" vent connectors
Vent 60' (2"); 150' (3")
PVC, CPVC, stainless steel or polypropylene
Easy to remove intake air filter

2 **Unique Stainless Steel Heat Exchanger Design**
Durable oval pipe design for long life & easy service

3 **Easy to Use Control**
Rich feature set
Controls external recirc pump to meet Title 24

4 **Recirculation Pump *(LT Series Recirc Model)***
Grundfos pump - 3 speed settings
Dedicated return line included

5 **1/2" Gas Connection Compatible**
Piping configured for easy retrofits



Shown is a model LT199XRX1. The LT150XXX1 is very similar.

Save valuable time with easy access to all components for installation and service

HIGH EFFICIENCY CONDENSING

ENGINEERED FOR HIGH PERFORMANCE

The LT Series condensing tankless water heater can easily become the only tankless water heater you install. From single family homes to commercial applications, this intelligently engineered tankless water heater can handle it all.

- ✓ Use with air handler space heating applications utilizing the LT Series' priority interlock to ensure DHW priority
- ✓ Recirculation model can be controlled by a programmable time and/or temperature schedule or a push button to manage the recirculation loop and match application needs
- ✓ High temperature output setting – up to 185°F (model 199)
- ✓ Easily set up cascaded units with on-board control and rack mounting system.
- ✓ High hot water output of 5.1 gpm at a 77 degree rise (model 199)

LT SERIES HEAT EXCHANGER ADVANTAGE



Stainless steel heat exchanger utilizes a unique oval pipe design in the primary heat exchanger to maximize heat transfer for quick hot water, less scale build-up, increased thermal efficiency, and lower maintenance.

This unique design boasts an increased life cycle of 3.5 times more than a copper heat exchanger.



Decreased 'Dead Zone' with the oval design compared to a traditional round pipe. The 'Dead Zone' has no heat transfer taking place.



Browse Laars LT Series

THE NEXT LEVEL IN TANKLESS INNOVATION

LT SERIES TANKLESS CONDENSING WATER HEATER MODELS

MODEL		**LT150NXX1** (Natural Gas) **LT150PXX1** (Propane)	**LT150NRX1** (Natural Gas) **LT150PRX1** (Propane)	**LT199NXX1** (Natural Gas) **LT199PXX1** (Propane)	**LT199NRX1** (Natural Gas) **LT199PRX1** (Propane)
Configuration		Standard	Recirculation	Standard	Recirculation
Max Input	MBH	150		199	
	kW	*44.0*		*58.3*	
Min Input	MBH	15		13	
	kW	*4.4*		*3.8*	
Turndown		10:1		15:1	
UEF		0.98		0.96	
Product Height	in	27.6		27.6	
	cm	*70*		*70*	
Product Width	in	17.3		17.3	
	cm	*44*		*44*	
Product Depth	in	12.3		14.9	
	cm	*31.2*		*37.8*	
Product Weight	lbs	62	78	70	85
	kg	*28*	*35*	*32*	*39*
Shipping Weight	lbs	71	89	79	96
	kg	*32*	*40*	*36*	*44*

Exhaust	2" PVC		2" PVC	
Air Intake	2" PVC		2" PVC	
Gas Connection	3/4" NPT		3/4" NPT	
Condensate	1/2" NPT		1/2" NPT	
Hot Water Connection	3/4" NPT		3/4" NPT	
Cold Water Connection	3/4" NPT		3/4" NPT	
Recirc Return Connection	N/A	3/4" NPT	N/A	3/4" NPT





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Find Rebates & Tax credits at **LAARS.COM**

INTELLIGENT WATER HEATING



WWW.LAARS.COM

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LT Series

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Heating Systems Company

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