

# **LAARS<sup>®</sup> LT SERIES**

**Tankless Water Heater**

High Efficiency 0.95 UEF



**HIGH EFFICIENCY  
CONDENSING TECHNOLOGY**

**LAARS<sup>®</sup>**   
**Heating Systems Company**  
***Built to be the Best<sup>®</sup>***

# 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) of 0.95  
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 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!**

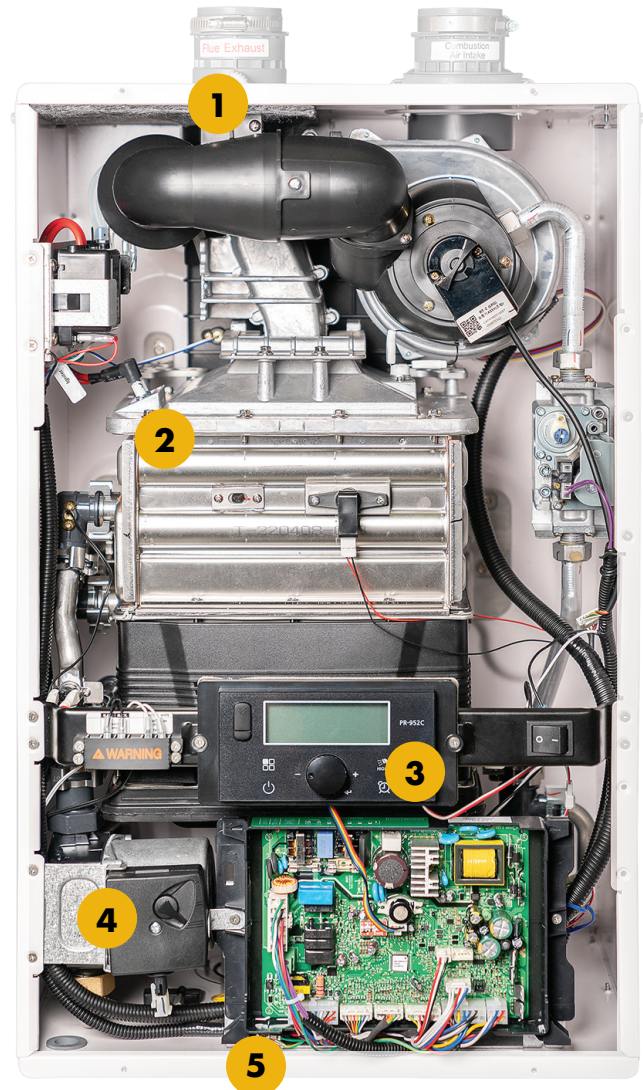
Don't forget to submit for your rebate today!

# 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



*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.

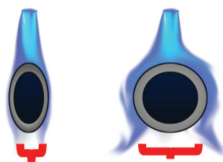
- ✓ Use with air handler space heating applications utilizing the LT Series' priority interlock to ensure DHW priority
- ✓ Recirculation model can be controlled by a programmable time and/or temperature schedule or a push button to manage the recirculation loop and match application needs
- ✓ High temperature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

## 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           |     | LT199NXX1   | LT199PXX1 | LT199NRX1     | LT199PRX1 |
|-----------------|-----|-------------|-----------|---------------|-----------|
| Configuration   |     | Standard    |           | Recirculation |           |
| Gas Type        |     | Natural Gas | Propane   | Natural Gas   | Propane   |
| Max Input       | MBH | 199         |           | 199           |           |
|                 | kW  | 58.3        |           | 58.3          |           |
| Min Input       | MBH | 18          |           | 18            |           |
|                 | kW  | 5.3         |           | 5.3           |           |
| Turndown        |     | 11:1        |           | 11:1          |           |
| UEF             |     | 0.95        |           | 0.95          |           |
| Product Height  | in  | 27.6        |           | 27.6          |           |
|                 | cm  | 70          |           | 70            |           |
| Product Width   | in  | 17.3        |           | 17.3          |           |
|                 | cm  | 44          |           | 44            |           |
| Product Depth   | in  | 14.9        |           | 14.9          |           |
|                 | cm  | 37.8        |           | 37.8          |           |
| Product Weight  | lbs | 78          |           | 85            |           |
|                 | kg  | 35          |           | 39            |           |
| Shipping Weight | lbs | 89          |           | 96            |           |
|                 | kg  | 40          |           | 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 | -        | 3/4" NPT |



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



# INTELLIGENT WATER HEATING



**WWW.LAARS.COM**



**Browse Laars  
LT Series**

**LAARS®**   
**Heating Systems Company**

**Customer Service and Product Support:** 800.900.9276 • Fax 800.559.1583

**Headquarters:** 20 Industrial Way, Rochester, NH 03867 • 603.335.6300 • Fax 603.335.3355

9 Bridgen Gate, Halton Hills, Ontario, Canada, L7G 0A3 • 905.203.0600 • Fax 905.636.0666

**www.LAARS.com**