

LAARS® LT SERIES



Tankless Water Heater

High Efficiency 0.96 UEF

**COMMERCIAL GRADE
STAINLESS STEEL
HEAT EXCHANGER**

**HIGH TEMPERATURE
SET POINT
185°F / 85°C**

**HIGH EFFICIENCY COMMERCIAL
CONDENSING TECHNOLOGY**

LAARS® 
Heating Systems Company

Built to be the Best®

LAARS® LT SERIES

DEVELOPED FOR TODAY'S COMMERCIAL APPLICATIONS



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-five 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 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 business.



Multiple units provide redundancy for added peace-of-mind

Cascade up to 16 units for high flow demand up to 3,000+ MBH (65 GPM @ 90°F Temp Rise)
Combine with Laars A-series storage tanks for even more hot water capacity



Cost savings with added efficiency

Increased combustion efficiency and near-zero standby loss significantly reduces energy costs



Laars RightSpec® Sizing Tool makes product selection fast, easy and accurate



Commercial Warranty Coverage

Full 8 Year Commercial Heat Exchanger Warranty
Full 5 Year Commercial Parts Warranty



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 high volumes of hot water to meet the demand of multiple fixtures. Hot water when needed, for as long as it's needed!

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

Intuitive user interface
Diagnostic assistance
Quick set-up
Application customization

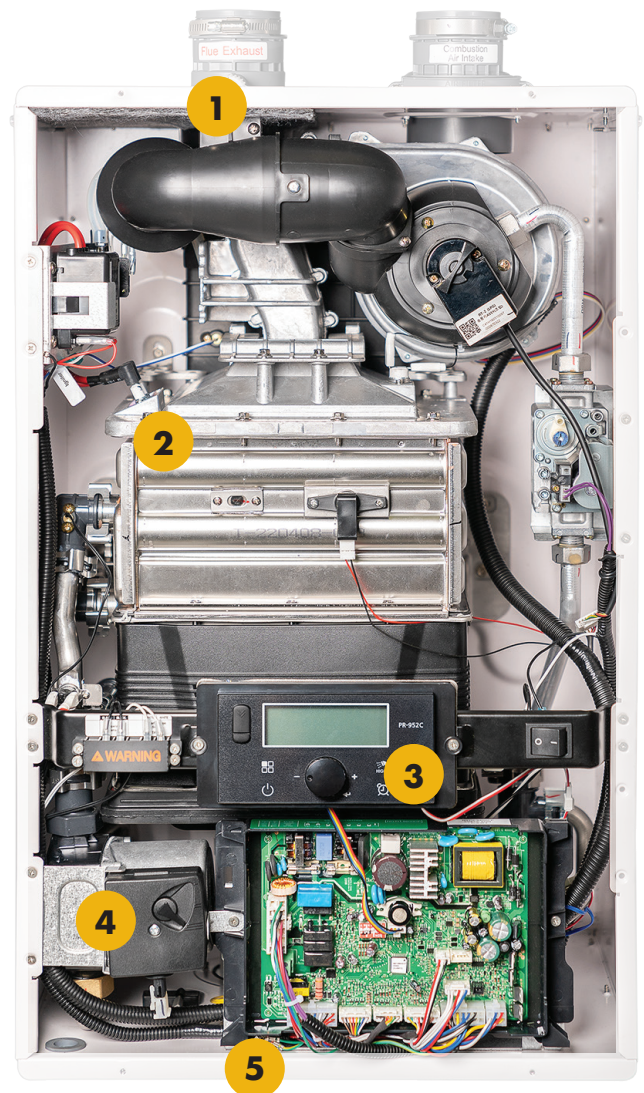
4

Recirculation Pump (LT Series Recirc Model)

Grundfos pump - 3 speed settings
Internal and external recirculation mode options

5

Built-in Gas and Water Leak Detection



Find Rebates &
Tax credits at
LAARS.COM



INTELLIGENT WATER HEATING

LAARS® LT SERIES TANKLESS WATER HEATER

COMMERCIAL INSTALLS HAVE NEVER BEEN EASIER!



Commercial Rack System

Flexible rack mount system allows for quick installation with option for side-by-side or back-to-back configuration.

Common Vent Options

US: PVC, CPVC, and Polypropylene

Canada: Polypropylene

Cascade Easy Plumbing Manifold Kit

Max Temperature Set Point of 185°F

Cascade with Recirc Loops

Combine Standard and up to two Recirc models to save time and lower cost on cascades with recirculation.

TIME-SAVING COMMERCIAL ACCESSORIES



PART #ST1238
Outdoor Vent Kit



PART #ST1237
Pipe Cover



PART #ST1239
On-Demand Sensor Kit
(LT Series Recirc model only)



PART #FT1861
Cascade Cable



PART #ST1253
Non Return Valve for
PVC/CPVC common venting
(for US installations only)



PART #ST1147
Propane to Natural
Gas Conversion Kit



PART #415-55026-00
Service Valve
Kit With PRV
(LT Series Standard model only)



PART #415-55037-00
Service Valve Kit With
Recirc and PRV
(LT Series Recirc model only)



PART #415-54353-00
ODR Crossover
Valve Kit



PART #ST1249
Base Rack



PART #ST1250
Extension Rack



PART #ST1148
Natural Gas
to Propane
Conversion Kit

HIGH EFFICIENCY CONDENSING

MULTI-HEATER INSTALLATIONS MADE EASY!

Laars has developed rack systems, piping manifold kits, and common vent kits all sized to work together in multi-heater installations. It's as easy as 1-2-3-4!



1

Choose the LT Series Standard or Recirc

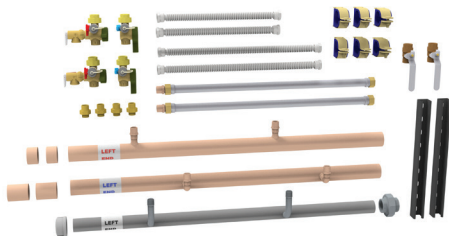
based on your application. Support domestic recirculation by using the built-in internal pump on Recirc models. You can do this by mixing in 1 or 2 with a Standard unit. Both models now cascade together up to a total of 16 units.



2

Location, Location, Location!

Base and extension racks are available for back-to-back or in-line mounting.



3

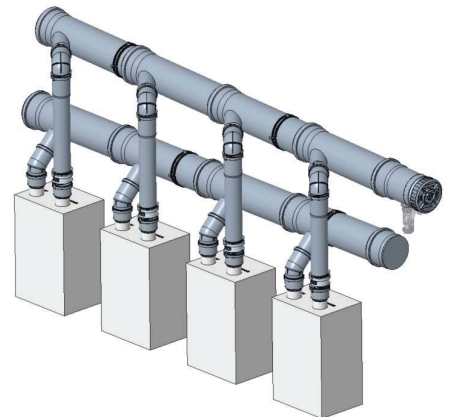
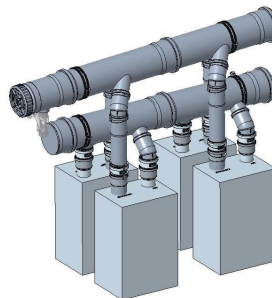
Easy Plumbing Manifold Kit that fits your multi-heater installation. Easily mounts to our rack systems for an efficient installation.

Kit includes: Inlet & outlet water pipe manifolds, gas pipe manifold, 150psi PRV, shut off valves, end caps, mounting struts and pipe clamps, and couplings, unions and adapters.

4

Venting Configuration

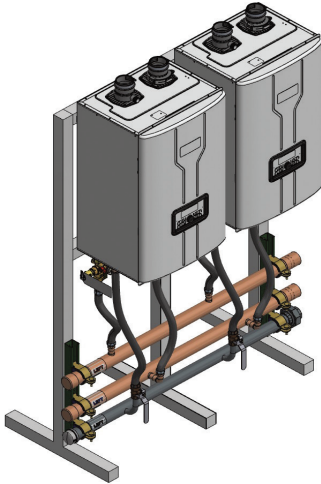
- Non-Return Valves (ST1253) for common PVC or CPVC venting.
- Polypropylene common venting kit conveniently sized to match our rack and plumbing manifold kits.



THE NEXT LEVEL IN TANKLESS INNOVATION

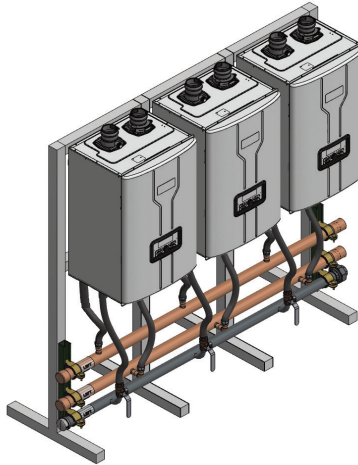
LAARS® LT SERIES TANKLESS WATER HEATER

PLUMBING MANIFOLD KIT & RACK SYSTEM CONFIGURATIONS



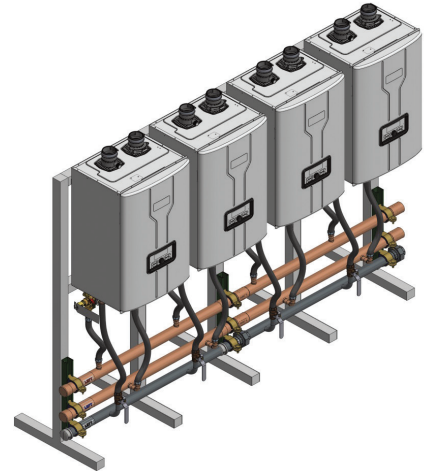
2-Unit Side-by-Side

1 PLUMBING MANIFOLD KIT - P2151900
1 BASE RACK - ST1249
1 EXTENSION RACK - ST1250



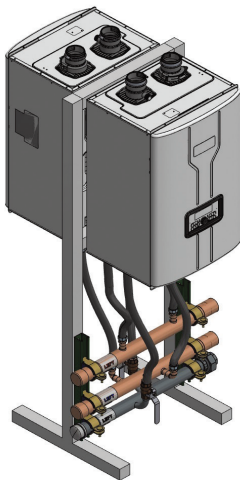
3-Unit Side-by-Side

1 PLUMBING MANIFOLD KIT - P2152100
1 BASE RACK - ST1249
2 EXTENSION RACKS - ST1250



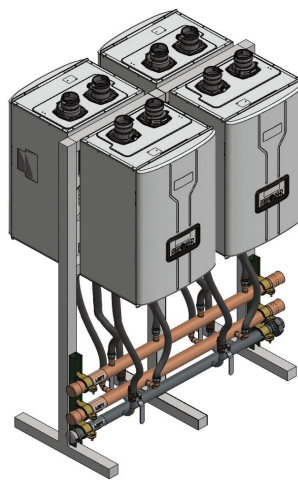
4-Unit Side-by-Side

2 PLUMBING MANIFOLD KITS - P2151900
1 BASE RACK - ST1249
3 EXTENSION RACKS - ST1250



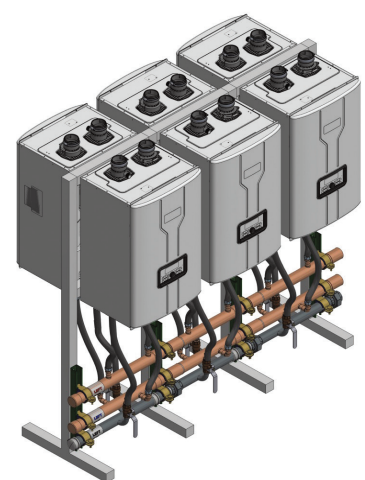
2-Unit Back-to-Back

1 PLUMBING MANIFOLD KIT - P2152000
1 BASE RACK - ST1249



4-Unit Back-to-Back

1 PLUMBING MANIFOLD KIT - P2152200
1 BASE RACK - ST1249
1 EXTENSION RACK - ST1250



6-Unit Back-to-Back

1 PLUMBING MANIFOLD KIT - P2152000
1 PLUMBING MANIFOLD KIT - P2152200
1 BASE RACK - ST1249
2 EXTENSION RACKS - ST1250

**HIGH EFFICIENCY, LOW-COST SOLUTION
FOR A VARIETY OF COMMERCIAL
APPLICATIONS INCLUDING:**

Multi-family Buildings
Laundromats
Gyms
Municipal Buildings

Food Service
Hotels
Schools/Dorms
Medical Facilities

HIGH EFFICIENCY CONDENSING

LT SERIES SPECIFICATIONS

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 kW	199 58.3		199 58.3	
Min Input	MBH kW	18 5.3		18 5.3	
Turndown		15:1		15:1	
UEF		0.96		0.96	
Product Height	in cm	27.6 70		27.6 70	
Product Width	in cm	17.3 44		17.3 44	
Product Depth	in cm	14.9 37.8		14.9 37.8	
Product Weight	lbs kg	78 35		85 39	
Shipping Weight	lbs kg	89 40		96 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

PRESSURE DROP

The LT Tankless Water Heater's pressure drop is up to 50% below leading competitors at 5 gpm.

Flow Rate (GPM)	1	2	3	4	5	6
LT Tankless Water Heater	0.8	1.9	3.7	6.5	10.9	16.8





WWW.LAARS.COM



Browse Laars
LT Series

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