

LT SERIES TANKLESS WATER HEATER QUICK REFERENCE GUIDE



**LT SERIES
STANDARD MODEL**

LAARS LT SERIES STANDARD MODEL TANKLESS WATER HEATERS

| MODEL | GAS TYPE | BUILT-IN PUMP | UEF | MIN BTU | MAX BTU | TURN DOWN | GPM FLOW RATE °F TEMPERATURE RISE | | | HOT/COLD | GAS | 2" VENT | 3" VENT | MAX TEMP | CASCADE |
|-----------|----------|---------------|------|---------|---------|-----------|-----------------------------------|------|------|----------|------|---------|---------|----------|----------|
| | | | | | | | 45°F | 75°F | 90°F | | | | | | |
| LT199NXX1 | NG | No | 0.96 | 18,000 | 199,000 | 15:1 | 8.7 | 5.2 | 4.4 | 3/4" | 3/4" | 60 ft | 150 ft | 180°F | 16 Units |
| LT199PXX1 | LP | No | 0.96 | 18,000 | 199,000 | 15:1 | 8.7 | 5.2 | 4.4 | 3/4" | 3/4" | 60 ft | 150 ft | 180°F | 16 Units |

- Dual Stainless Steel Heat Exchangers
- Indoor/Outdoor (*with optional outdoor kit)
- Active mixing & flow control maintains accurate and consistent temperature
- Meets SCAQMD (Rule 1146.2 for natural gas Low NOx Emissions)
- Title 24 compliant recirculation
- Programmable recirculation with *Auto Learning*
- **Controls external recirculation pump**
- Built-in gas & water leak detection
- External air inlet filter
- External cold water inlet filter
- Residential Warranty - 15 Year Heat Exchanger / 5 Year Parts
- Commercial Warranty - 8 Year Heat Exchanger / 5 Year Parts

COMMERCIAL ACCESSORIES (for both Standard and Recirc)

- Cascade rack system for easy wall mounting. Includes base rack and extension rack for back-to-back or in-line mounting
- Convenient vent options including PVC, CPVC and Polypropylene common venting (PVC and CPVC common venting is for US installations only at this time)
- Cascade easy plumbing kit
- Max temperature set point 185°F
- Short CPVC + PVC venting now available
- Cascade between Standard and Recirc to save time and lower cost on cascades with re-circulation



LT Series Standard
Installation Manual



LT Series Standard
Spec Sheet



Application
Manual



Parts List



Warranty
Information



Outdoor Kit



Pipe Cover
Manual



Cascade Rack
System Manual



Cascade Manual



Cascade
Manifold Kit



**LT SERIES
RECIRC MODEL**

LAARS LT SERIES RECIRC MODEL TANKLESS WATER HEATERS

| MODEL | GAS TYPE | BUILT-IN PUMP | UEF | MIN BTU | MAX BTU | TURN DOWN | GPM FLOW RATE °F TEMPERATURE RISE | | | HOT/COLD | GAS | 2" VENT | 3" VENT | MAX TEMP | CASCADE |
|-----------|----------|---------------|------|---------|---------|-----------|-----------------------------------|------|------|----------|------|---------|---------|----------|---------|
| | | | | | | | 45°F | 75°F | 90°F | | | | | | |
| LT199NRX1 | NG | Yes | 0.96 | 18,000 | 199,000 | 15:1 | 8.7 | 5.2 | 4.4 | 3/4" | 3/4" | 60 ft | 150 ft | 140°F | 2 Units |
| LT199PRX1 | LP | Yes | 0.96 | 18,000 | 199,000 | 15:1 | 8.7 | 5.2 | 4.4 | 3/4" | 3/4" | 60 ft | 150 ft | 140°F | 2 Units |

- Dual Stainless Steel Heat Exchangers
- Indoor/Outdoor (*with optional outdoor kit)
- Active mixing & flow control maintains accurate and consistent temperature
- Meets SCAQMD (Rule 1146.2 for natural gas Low NOx Emissions)
- Title 24 compliant recirculation
- Programmable recirculation with *Auto Learning*

- **Built-in recirculation pump**
- Built-in gas & water leak detection
- External air inlet filter
- External cold water inlet filter & recirculation filter
- Residential Warranty- 15 Year Heat Exchanger / 5 Year Parts
- Commercial Warranty- 8 Year Heat Exchanger / 5 Year Parts



LT Series Recirc
Installation Manual



LT Series Recirc
Spec Sheet



Application
Manual



Parts List



Warranty
Information



On Demand
Kit



Outdoor Kit



Pipe Cover
Manual



Cascade Rack
System Manual



Cascade Manual



Cascade
Manifold Kit

TECHNICAL SUPPORT 800-900-9276

Laars® Heating Systems Co. 25-02 Document 9307B

LAARS
Heating Systems Company

LT SERIES TANKLESS WATER HEATER **ACCESSORIES**

| | | | | | | | |
|---|--|--|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| Non Return Valve Kit for PVC or CPVC Common Venting Part #ST1253  | On-Demand Sensor Kit Part #ST1239 | ODR Crossover Valve Kit Part #415-54353-00 | Service Valve Kit with PRV Part #415-5506-00 | Service Valve Kit with Recirc and PRV Part #415-55037-00 | Outdoor Vent Kit Part #ST1238  | Pipe Cover Part #ST1237  | Complete Parts Kit Part #ST1221  |
|  |  |  |  |  |  |  |  |
| Base Rack (for back-to-back or in-line mounting) Part #ST1249  | Extension Rack (for back-to-back or in-line mounting) Part #ST1250 | Cascade Cable (requires 1 per unit) Part #FT1861 | Easy Plumbing Manifold Kit Scan QR code for part number  | Polypropylene Common Venting System Scan QR code for part number  | Condensate Neutralizer Part #A2123601 | Propane to Natural Gas Conversion Kit Part #ST1147 | Natural Gas to Propane Conversion Kit Part #ST1148 |