



Advanced Heating
& Hot Water Systems

Phoenix[®] LIGHT DUTY

Highly Efficient Stainless Steel
Gas-Fired Water Heater



76,000 Btuh

**50, 60 & 80 Nominal
Gallon Tanks**

Modulating Combustion System

316L Stainless Steel Tank

Multiple Venting Options

- 2" PVC, CPVC or ULC S636 pipe
- Combined vent length of 150 ft

Highly Efficient Operation

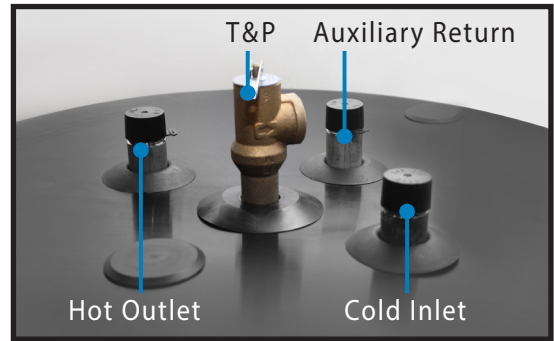
A BRAND OF  **ARISTON**
THERMO USA



Phoenix LD

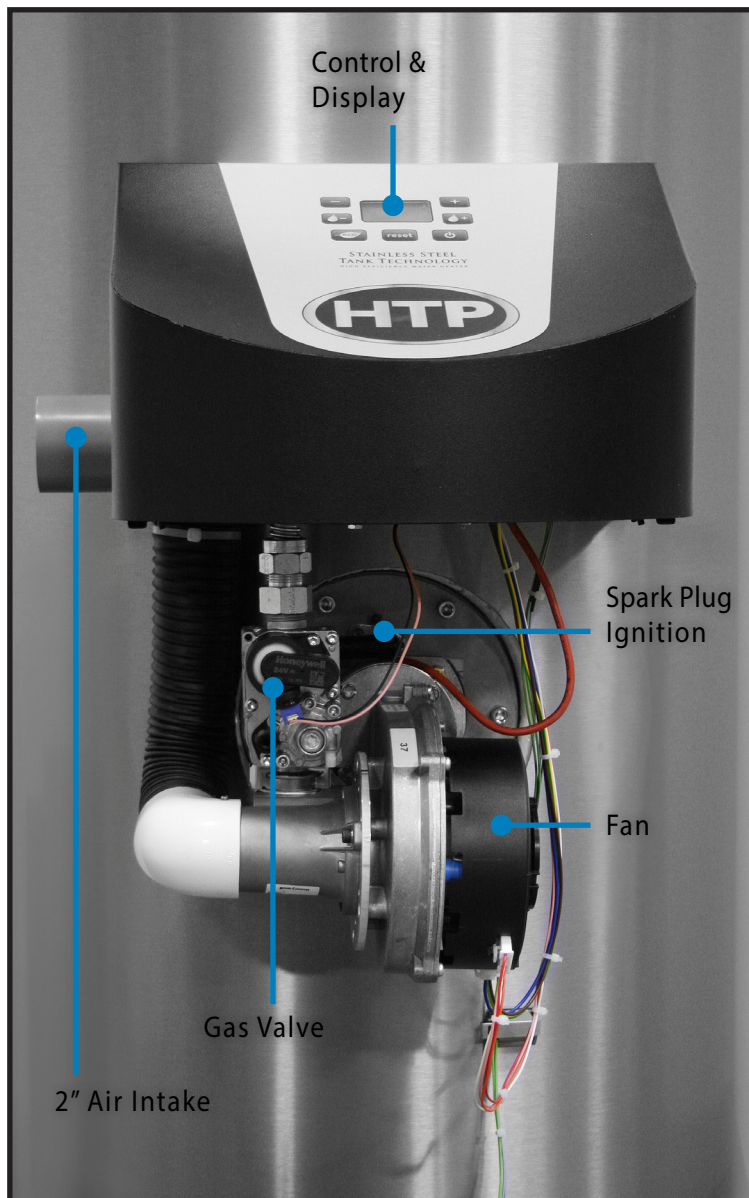
A CLOSER LOOK

High Efficiency Stainless Steel Gas-Fired Water Heater



Cupronickel spiral design that expands and contracts rapidly with the change in temperature resisting scale build-up.

- Durable Construction
- High Performance
- Excellent Heat Transfer Capabilities



CONTROL & DISPLAY



Functions

1. Menu Navigation Down
2. Menu Navigation Up
3. Decreases the DHW Setpoint
4. Increases the DHW Setpoint
5. **ECO Mode:** PROVIDES REAL ENERGY SAVINGS, WHEN LESS HOT WATER IS NEEDED
6. Reset
7. Off/DHW Mode Enable

FEATURES

Modulating Combustion System

- 3:1 turndown ratio - 25,000 to 76,000 Btuh
- Ultra Low NOx compliant

Superior 316L Stainless Steel Tank Construction

- 3 tank sizes: 50, 60, & 80 nominal gallons
- Laser welded precision, lightweight tank

Highly Efficient Combustion Heat Exchanger

- The Phoenix Light Duty uses the latest, patented technology and is covered by U.S. Patent No. 10,024,57, it's cupronickel heat exchanger design boasts excellent heat transfer properties and resists corrosion
- High grade stainless steel burner

Venting

- 2" PVC, CPVC or ULC S636 pipe
- Combined vent length of 150 feet
- Two pipe / single pipe, balanced or unbalanced venting system

The Phoenix LD performs better than tankless

- Avoid inconsistent water fluctuations
- No minimum flow rates needed to provide hot water
- Deliver hot water to multiple outlets and large volume showers faster

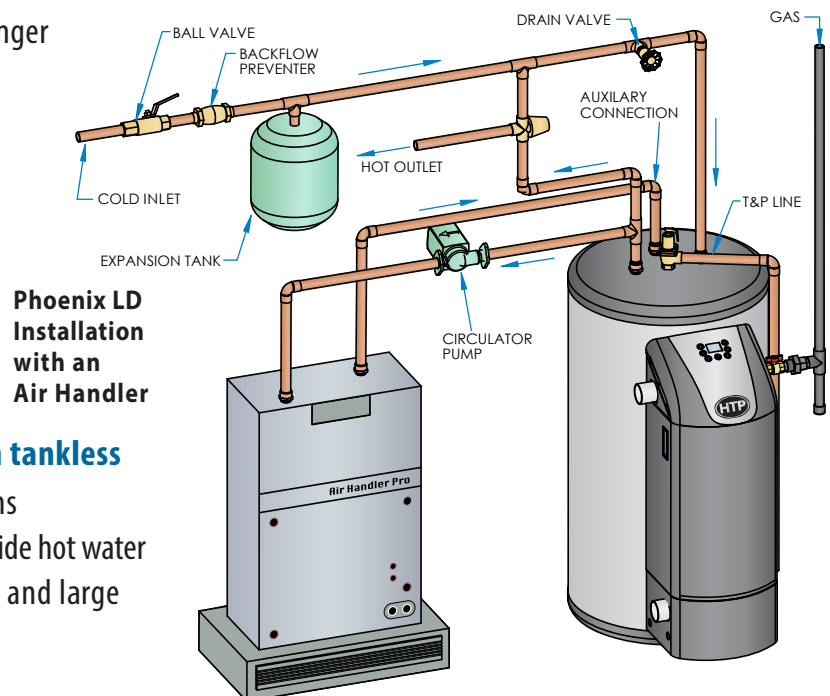
Advanced Electronic Control

- Easy to read LCD (icon and text) display

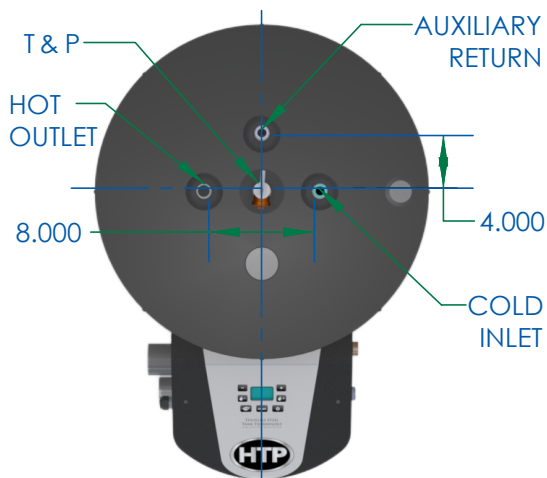
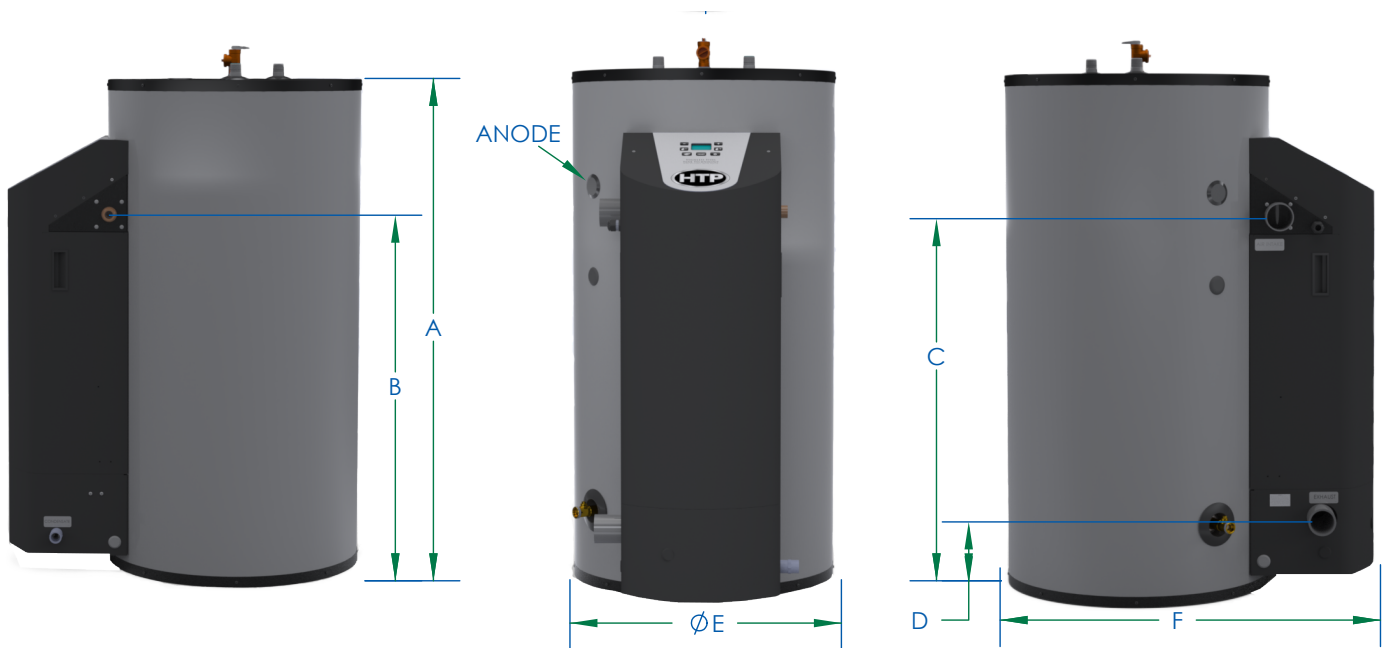
Highly Efficient Operation

Ease of Installation

- Top ports on inlet and outlet
- Top connect auxiliary port for recirculation line or AIR HANDLER piping, increases overall efficiency



Phoenix LD Specifications



STANDARD FEATURES

- Modulating Burners with Up to 3:1 Turndown Ratio
- Vents in PVC, CPVC, Stainless Steel, ULC S636
- Spark ignition with flame monitoring
- Flame stabilization monitoring
- Integrated Control System
- Pressure relief pre-piped
- Limited Warranty:
Residential: 10 year if registered online & **7 year** if not registered
Commercial: 3 year (upgradeable to **5 year** with additional charge)

WHAT'S IN THE BOX

- Intake PVC Tee w/ Screens
- Exhaust PVC Coupling w/ Screens
- Installation Manual
- Temperature & Pressure Relief Valve
- Warranty

OPTIONAL EQUIPMENT

- Outdoor Sensor
- 2" or 3" PVC Concentric Vent Kit
- 2" or 3" Stainless Steel Outside Termination Vent Kit
- 3" Polypro Vent Kit

MODEL	A	B	C	D	E	F	Nominal Storage Capacity	Vent Size	Gas Line	Inlet/Outlet Size	Relief Valve	Aux Conn.
PH76-50	44.75"	33"	33"	6.75"	23"	32.5"	50 GAL.	2"	1/2"	3/4" NPT	3/4" FNPT	3/4" NPT
PH76-60	52.625"	33"	33"	6.75"	23"	60 GAL.						
PH76-80	69"	33"	33"	6.75"	23"	80 GAL.						

MODEL	Btuh	DOE Rated Storage Volume	AHRI CERTIFIED® <small>www.ahridirectory.org</small>		Recovery Efficiency	First Hour Rating Bin	Recovery GPH At 90° F Rise	Max. Temp Limit
			UEF	First Hour Rating				
PH76-50	25,000 - 76,000	48 GAL.	.90	154 GAL.	96%	High	98	160°F
PH76-60	25,000 - 76,000	58 GAL.	.88	157 GAL.	97%	High		
PH76-80	25,000 - 76,000	77 GAL.	.87	206 GAL.	94%	High		