

86% Efficient!

Burnham® **LE™ & LEDV™**

Oil Fired, Chimney or Direct Vented, Steel Water Boiler

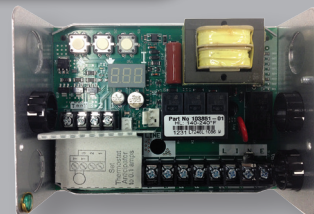
LE – Chimney vent steel boiler

LEDV – Direct vent steel boiler

- 86% AFUE
- Carbon steel pressure vessel
- Equipped with Intelligent Oil Boiler Control™
- One size (for direct and chimney vent), 0.60 GPH
- Low mass heat exchanger provides high efficiency and very quick heat delivery
- Spiral turbulators provide maximum heat extraction
- Reversible cast iron swing-away burner door – easy to clean and service
- 3" insulation ensures minimum heat loss
- Lifetime limited warranty
- Available in select markets

Intelligent Oil Boiler Control

- Combines aquastat, relay, and ignition functions into a single module
- Two customizable integrated switching relays for easy addition of additional heating zone or indirect water heater
- Energy saving "thermal purge", which works by circulating residual warm water (140° or above) in the heating system before firing the boiler
- LED display for boiler status and trouble codes
- Extensively tested and proven in thousands of existing installations



Burnham®
by
U.S. Boiler Company



LE & LEDV: Technical Information



Standard Equipment

LE boiler:

- Reversible cast iron swing door
- Cast iron reversing chamber
- Deluxe insulated jacket
- Pressure relief valve – 30 PSI standard
- Pressure/temperature gauge
- Beckett AFG burner (Riello optional)
- Beckett Genisys primary (with Beckett burners)
- Intelligent Oil boiler control system
- Taco 007 1-1/4" circulator with gaskets
- 14,000 volt solid state igniter

LEDV boiler:

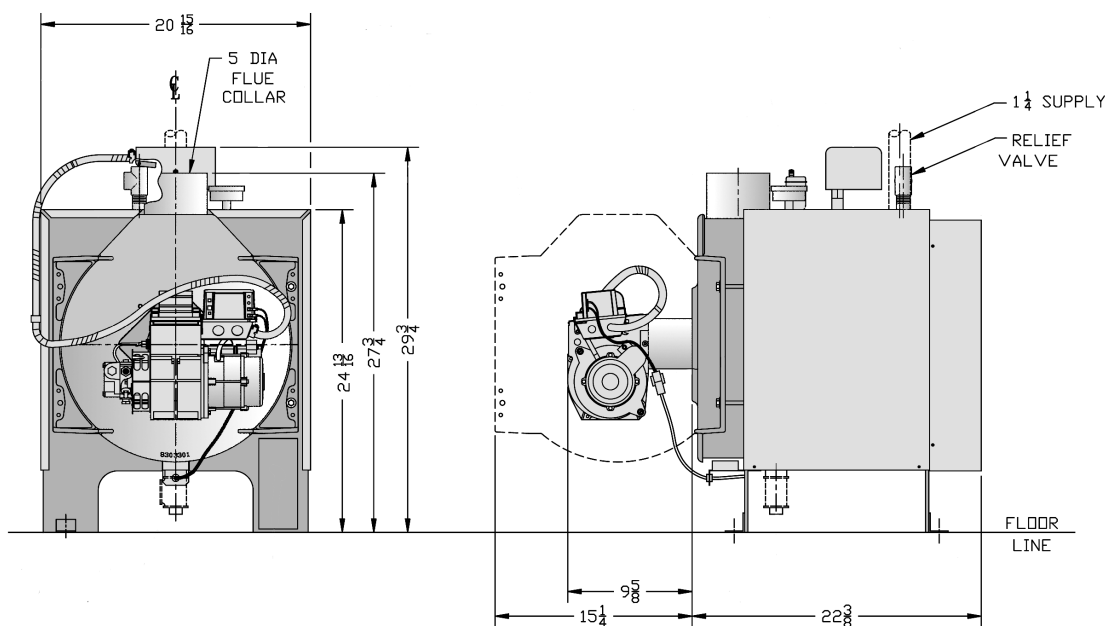
- Includes all equipment furnished with LE plus:
- Beckett AFII burner (in lieu of AFG)
- Vent terminal
- Boiler vent connector
- Terminal vent connector
- Oil nozzle line heater
- Intake terminal
- Vent pipe sealant

LE & LEDV Ratings & Specifications

Model No.	AFUE %	Burner Cap. (GPH)	DOE Heating Capacity (MBH)	Net AHRI (MBH)	Flue Collar (In.)	Approx. Ship Wt. (lbs.)
LE-1	86.7	0.60	74	64	5	325
LEDV-1	86.7	0.60	74	64	5	325

Minimum Chimney Requirements

Model	Round In. (Diam.)	Rectangle (In. x In.)	Height (Feet)
LE-1	6	8 x 8	15
LEDV	–	–	–



** 9-11/16" on AFII; 9-5/8" on AFG