HIGH EFFICIENCY RESIDENTIAL BOILERS

EPIC™

FIRE TUBE

FOUR SIZES:
80,000, 110,000, 150,000 AND
199,999 BTU/HR

FIRE TUBE HEAT EXCHANGER

TEXT BASED DISPLAY

10:1 TURNDOWN

SET-UP WIZARD

3 PUMP CONTROL

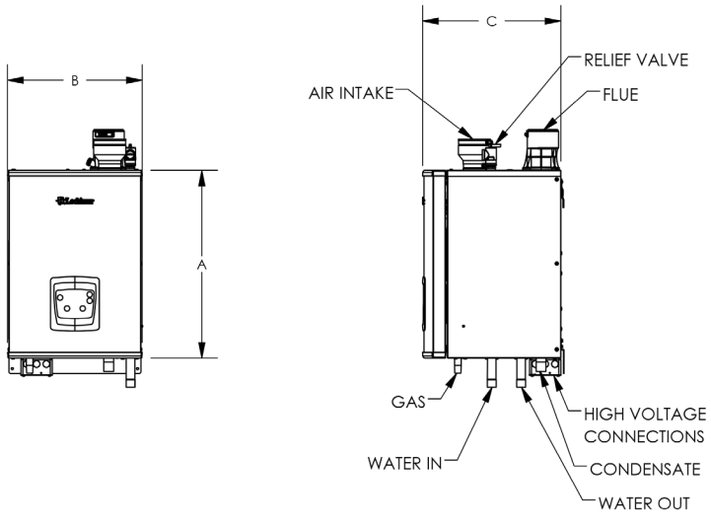
UNIVERSAL VENT CONNECTOR

10/5 TEN YEAR HEAT EXCHANGER FIVE YEAR PARTS WARRANTY

Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

DESIGNED ★ ENGINEERED ★ ASSEMBLED
USA

EPIC Dimensions and Specifications



EPIC Boiler				Dimensions and Specifications							
Model Number	Input (MBH) Max.	Min.	AFUE%	A	B	C	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Ship. Weight
EPB080N	80	8	95.0	24	17 1/4	17 1/4	1/2	1	2	2	120
EPB110N	110	11	95.0	24	17 1/4	18	1/2	1	3	3	126
EPB150N	150	15	95.0	24	17 1/4	18	1/2	1	3	3	132
EPB199N	199	20	95.0	24	17 1/4	18	1/2	1	3	3	140

Notes: Indoor installation only. All information subject to change. Change "N" to "L" for LP gas models.

Smart Control™ Features

- **SMART CONTROL Digital Operating Control**
  - LCD Display with words not codes
- **Outdoor Reset Control with Outdoor Air Sensor**
- **Programmable System Efficiency Optimizers**
- **Three Pump Control**
  - System Pump
  - Boiler Pump
  - DHW Pump
- **High-Voltage Junction Box**
  - 120 VAC / 60 Hertz / 1 Phase Power Supply
- **Low Voltage Terminal Strip**
  - Flow Switch Contacts
  - Low-Water Cutoff Connection
  - System Sensor Contacts
  - Outdoor Air Sensor Contacts
  - Cascade Contacts
- **Time Clock for Data Logging**
  - Last 10 Lockouts
- **Low-Water Flow Safety Control & Indication**
- **Password Security**
- **Built-in Cascading Sequencer for up to 8 units**

Standard Features

- **Modulating Burner with 10:1 Turndown**
  - Direct-Spark Ignition
  - Low-NOx Operation
- **ASME Stainless Steel Heat Exchanger**
- **Vertical & Horizontal Direct-Vent**
  - PVC, CPVC, Polypropylene or SS Venting up to 100 feet
- **Condensate Trap**
- **Other Features**
  - Automatic Reset High Limit
  - Adjustable High Limit w/Manual Reset
  - Wall-Mount Bracket
  - Zero Clearances to Combustible Materials
  - 10-Year Warranty (See Warranty for Details)
  - 5-Year Parts Warranty

Optional Equipment

- Low-Water Cutoff w/Manual Reset & Test
- Concentric Vent Kit
- Condensate Neutralization Kit
- Sidewall Vent Termination
- Floor Stand
- Wireless Outdoor Sensor
- Nat to LP Gas Conversion Kit

Firing Codes

- M9 Standard Construction

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