



Lochinvar®

HIGH EFFICIENCY BOILERS & WATER HEATERS

EPIC COMBI BOILER FLOOR

Submittal Sheet

EFC-Sub-01

EPIC COMBI BOILER FLOOR

Job Name: _____ Model No. _____ Type Gas: _____
Location: _____ Btu/Hr _____ Btu/Hr _____
Engineer: _____ INPUT: _____ OUTPUT: _____
Agent/Wholesaler: _____ Equipment Tag(s): _____
Contractor: _____

NOTES:

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**
DHW Response Time
DHW Pre Heat
Outdoor Air Reset Curve
- › **Two Pump Control**
System Pump
Boiler Pump
- › **High-Voltage Junction Box**
120 VAC / 60 Hertz / 1 Phase Power Supply
- › **Low Voltage Terminal Strip**
Air Handler Interlock
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

- › **ENERGY STAR Most Efficient Recognition**
- › **95% DOE AFUE Efficiency**
- › **Modulating Burner with 10:1 Turndown**
Direct-Spark Ignition
Low-NOx Operation
- › **ASME Stainless Steel Heat Exchanger**
50 psi Working Pressure w/ASME Relief Valve
- › **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
- Built-in Circulating Pump
- Wall-Mount Bracket (EPB only)
- 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
- Wireless Outdoor Sensor
- Nat to LP Gas Conversion Kit
- Isolation/Flush Valves
- DHW Piping Kit
- Primary Secondary Piping Kit

FIRING CODES

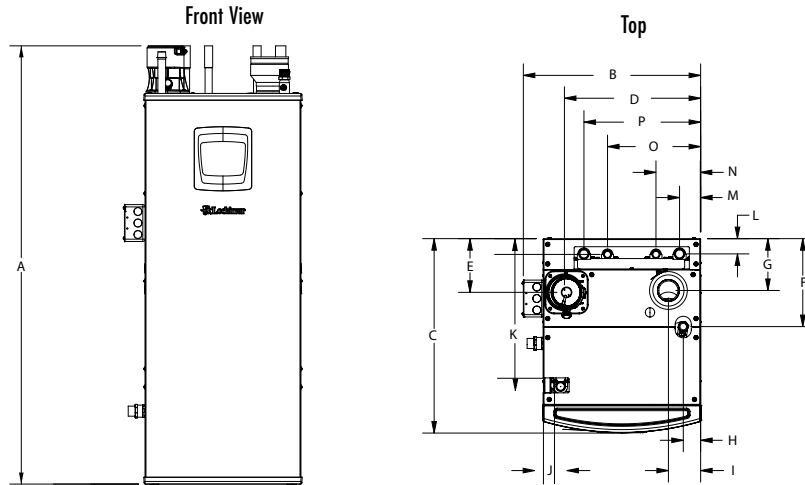
- › M9 Standard Construction/California Code

DHW Delivery (GPM)

Model	77° Temp. Rise	70° Temp. Rise
110	2.6	2.9
150	3.6	3.9
199	4.8	5.2



EPIC Combi Boiler Floor Dimensions & Specifications



Model Number	Input (MBH)		AFUE%	Heating Capacity MBH	Net AHRI Rating MBH	A	B	C	D	E	F	G
EFC110N	110	11	95	102	89	47-1/2"	19-1/4"	21"	14-3/4"	6"	9-1/2"	5-3/4"
EFC150N	150	15	95	139	121	47-3/4"	21"	21-1/4"	5-3/4"	5-3/4"	9-3/4"	14-3/4"
EFC199N	199	19.9	95	185	161	47-3/4"	21"	21-1/4"	5-3/4"	6"	10"	14-1/2"

H	I	J	K	L	M	N	O	P	Gas Conn.	Boiler Water Conn.	DWH Water Conn.	Air Inlet	Vent Size	Ship Weight
2"	3-1/2"	2"	14-3/4"	1-3/4"	2-3/4"	4-3/4"	10"	12-3/4"	1/2"	1"	3/4"	3"	3"	184
2-3/4"	5-3/4"	2"	14-3/4"	1-3/4"	3-1/4"	5-3/4"	11"	13-1/2"	1/2"	1"	3/4"	3"	3"	201
2-1/4"	5-3/4"	2"	14-3/4"	1-3/4"	2-1/2"	5-1/4"	10-1/2"	13"	1/2"	1"	3/4"	3"	3"	215

Notes: Indoor installation only. All information subject to change. Change "N" to "L" for LP gas models. *The Net AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15.



Lochinvar, LLC
300 Maddox Simpson Parkway
Lebanon, Tennessee 37090
P: 615.889.8900 / F: 615.547.1000
f t i n Lochinvar.com

