

CENTRAL BOILER
E-CLASSIC[®]
1400
Outdoor Wood Gasification Furnace

E-CLASSIC
1400
OVER
84%
EFFICIENT
EPA PHASE 2
PROGRAM QUALIFIED



Forced Air
Heating System
with Hot Water
Heater

*Comfortable,
Even Heat for Your
Entire Home*



CentralBoiler.com

Up to **\$1500***
Federal Tax
Credit



CENTRAL BOILER E-CLASSIC® 1400

Outdoor Wood Gasification Furnace

The E-Classic 1400's three-stage combustion technology utilizes wood gasification to achieve extremely low emissions. This process burns the wood so completely that combustion efficiencies approach 100%. The self-cleaning heat exchanger optimizes the transfer of heat from the extremely hot gases to the water, making the E-Classic 1400 one of the cleanest and most efficient ways to heat with wood.

Utilizing biomass fuel, the E-Classic 1400 can provide a comfortable, even heat to multiple buildings and workshops. It can also heat water and replace multiple indoor wood stoves. Burning wood, a totally renewable resource, results in no net increase in carbon dioxide, a major greenhouse gas emission.

E-Classic 1400 Features & Benefits

FireStar™ Electronic Controller – Provides user with easy operation of the furnace with just the touch of a button. The controller automatically adjusts the primary and secondary air which optimizes the gasification process allowing the furnace to be more efficient and cleaner burning.

Fusion® Combustor – Super-heated air is injected and mixed with the hot gases from the primary firebox and starts the secondary combustion process. No catalytic device needed.

Large Reaction Chamber™ – Final combustion occurs in the Reaction Chamber where extremely high temperatures aid in complete combustion. The Reaction Chamber features a large, hinged door for easy ash removal.

Push Button Automatic Gas-Fired Wood Ignition - Provides an easy start and ensures you will never need to light another fire. (Dual Fuel only)

Urethane Foam Insulation - Insulation is sprayed on and forms a 100% airtight, waterproof seal around the water jacket.

Triple Insulated Firebox Door - Ergonomically designed door is lockable and features a large opening for easy loading. Door is triple insulated for maximum efficiency. Panels are powder coated for high durability. The heavy-duty door handle is durable and easy to use. The specially designed curved ends of the Cam Loc® door closure fit precisely around the adjustable bearings, for a tight seal each time the door is closed.

Rear Access Panel - Designed for convenient installation and easy access to pumps and power disconnect. Up to two pumps can be installed.

Insulated Chimney - Two 4-foot, insulated chimney sections are supplied. Additional sections are available for extending the chimney when needed.

Photo Electronic Controlled LED Lights – The new long-lasting, energy-efficient LED night lights save money and enhance safety. They illuminate the inside of the firebox and the front and sides of the outdoor furnace and can be conveniently set to automatically turn on at night.

Must be installed in accordance with all applicable codes and regulations.

Your Central Boiler dealer can assist you in determining the actual heat and hot water needs for your home and the criteria for proper installation of the system. For the maximum performance and life of your furnace, always insist on using Central Boiler authorized system parts and accessories.

See Owner's Manual for proper chimney height and installation. Minimum chimney height is determined by proximity to other buildings. Consider location and direction smoke may travel with prevailing winds before installing your furnace.

Content of this brochure is from information in possession of Central Boiler at the time of the design of this publication. Product specifications and appearance subject to change without notice.

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Patent Pending

Specifications

E-Classic 1400 Model

Door	18.5" x 18.5"
Firebox	32"L x 24"W x 32.5"H
Weight	2,085 lbs.
Water Capacity	195 Gallons
8-Hour Output Rating	107,459 Btu/hr**
Maximum Output	209,316 Btu/hr**†

**Based on dry oak.

†Based on EPA qualifying test.

E-Classic 1400 Dual Fuel Model

Weight	2,135 lbs
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How Btu Output Affects Burn Time E-Classic 1400



Based on EPA output ratings. Actual Btu output and burn time will be affected by the type of wood burned, its moisture content and other factors.

Foundation Dimensions

Furnace must be installed on a noncombustible surface or foundation that incorporates an enclosure that will prevent supply and return lines from any possible exposure to sunlight, fire, rodents or physical damage that may be caused by an occurrence outside the furnace enclosure.

