

CENTRAL BOILER E-CLASSIC®

Outdoor Wood Gasification Furnace 2400

*"A totally
renewable
heat source"*



Up to **\$1500***
2010 Federal
Tax Credit

CentralBoiler.com

CENTRAL BOILER E-CLASSIC® 2400

Outdoor Wood Gasification Furnace

The E-Classic 2400'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 Xtract™ heat exchanger optimizes the transfer of heat from the extremely hot gases to the water, making the E-Classic 2400 one of the cleanest and most efficient ways to heat with wood.

Utilizing biomass fuel, the E-Classic 2400 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, can significantly reduce your carbon footprint compared to heating with nonrenewable fuels.

E-Classic 2400 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.

Assisted Power Ignition – The furnace can be fitted with an optional natural gas or propane burner which allows for push-button automatic gas-fired wood ignition. This provides easy starting and automatic relighting of the fire if needed.

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. The specially designed Cam Loc® door closure provides 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 three 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 2400 Model

Door	22.5"L x 28.25"
Firebox	36"L x 43.5"H x 26"W
Weight	2,925 lbs.
Water Capacity	340 Gallons
8-Hour Output Rating	186,453 Btu/hr**
Maximum Output	260,486 Btu/hr**
Emission Rate	3.3 g/hr**
Heat Output Emission Level	0.12 lb/Million Btu**

**Based on EPA qualifying test.

How Btu Output Affects Burn Time E-Classic 2400

8-hour output rating: 186,453 Btu/hr



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.

