



COF-CF22
WOF-WF22

STANDARD FURNACE



CF22
(coal-wood)



WOF22
(wood oil)

FORCED WARM AIR SYSTEMS

The LOGWOOD Furnace allows the homeowner three options in heating: the use of wood or coal as a primary source of heat with oil as an automatic backup system.

Two points are of major concern to the buyer. The first is the quantity of solid fuel required to heat, and second, the frequency of firings. Due to its large firebox capacity, the LOGWOOD requires only minimum attention from its owner. Normally, the unit will require charging on a 8 to 12 hour cycle.

One ton of coal burned in an efficient furnace will approximate the BTU value of one full cord of sugar maple or 150 gallons of fuel oil.

For efficiency in heat output it is imperative that the furnace be designed to have an efficient method of extracting heat from the fuel. The LOGWOOD is designed to burn the gases released from the burning coal and with our secondary heat exchanger more heat can be extracted when burning coal, wood or oil. This secondary heat exchanger is a major area of heating surface and is made to be bypassed on mild days or when loading with fuel.

FEATURES

- Automatic Switchover Solid fuel to Oil
- Solid Fuel and Oil Thermostatically Controlled
- Secondary Heat Exchanger
- Secondary Air Port for Safe Combustion of Gases
- Large Firedoor for Easy Solid Fuel Loading
- Large Fuel Capacity
- Positive Draft Control for Greater Efficiency
- Coal Units with external shaker handle and Extra Heavy Cast Iron Shaker Grates
- Wood Units with Heavy Cast Iron Tubular Grates
- Extra Long Flame Travel for Increased Efficiency
- Hinged Ash Pit Door
- Convenient Ash Removal
- Oil Burner Target Brick Enclosed in Stainless Steel Screen Cage
- Quiet Efficient Flame Retention Oil Burner
- Attractive "Warm Red" Cabinet
- 5-Year "Limited Warranty"

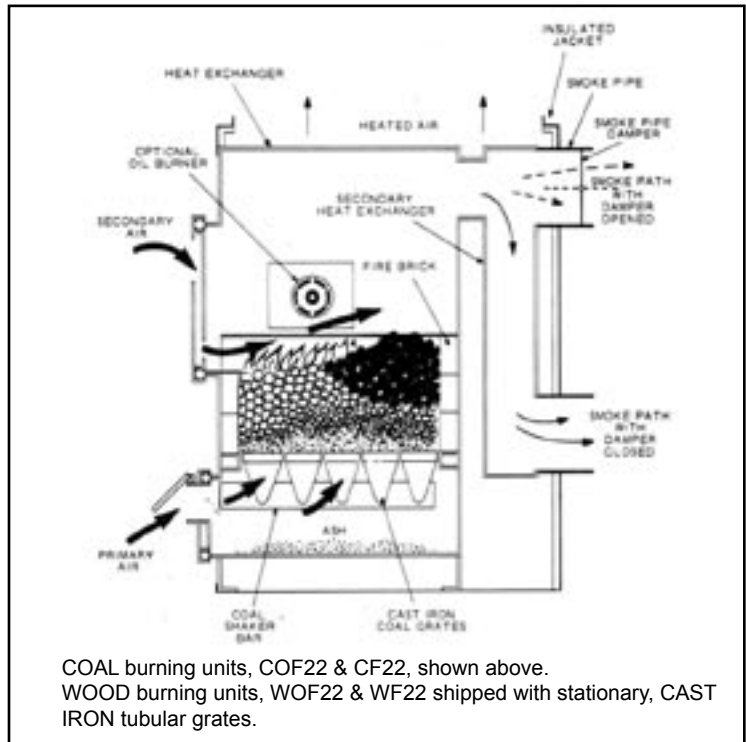
MADE IN USA

Safety tested by an independent laboratory to the following standards: UL391, CSA B 366.1 and ETLM 78-1

Mfg.by:

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For further information contact your local contractor/dealer at:



MODEL	COF22	WOF22
WOOD LENGTH	22"	22"
FUEL	Coal***	Wood
BTU INFORMATION*		
BTU (Approx.)	100-180,000	125,000
BTU/hr. - 8 hr firing	150-180,000	125,000
BTU/hr. - 12 hr firing	100-120,000	85,000
Net Capacity (lbs)**	150-180	170
Grate Area (sq. ft.) (dim 23" X 20")	3.2	3.2
Maximum firing rate: (lbs./hr.)	19	21
Capacity at bonnet - Oil Btu's/hr	112,000	112,000
Maximum firing rate: gph No. 2 Oil	1.00	1.00
CABINET DIMENSIONS		
Casing width	32"	32"
Casing height	53 3/4"	53 3/4"
Casing length	40"	40"
Firing door size (width x height)	16" X 17"	16" X 17"
Firebox gauge	1/8, 11 ga.	1/8, 11 ga.
Stack diameter	8" (9" ^)	8" (9" ^)
Warm air outlet	30" X 38"	30" X 38"
Cold Air inlet	24" X 24"	24" X 24"
BLOWER INFORMATION		
Blower Size	12"	12"
CFM capacity at bonnet	1,900	1,500
Blower motor HP	1/3	1/3
Filter sizes (2 required)	20" X 25"	20" X 25"
SHIPPING INFORMATION		
Shipping weight (lbs.)	1,000	1,000

* Ratings are based on wood that is thoroughly air dry to 15-20% moisture and weighs at least 28.75 lbs./cu.ft. or good quality coal

** Net wood or coal capacity is 80% of gross or the amount of new fuel added on an existing fire bed.

*** The basic difference between the COF & WOF furnaces are the grates. Obviously wood can be burned on the coal grate with the same rated output as the WOF22

^ Units shipped into areas where bituminous coal may be burned may have larger diameter stack.