



# Clean

Outdoor Wood Furnaces

The clean, safe and efficient way to heat your home, other buildings and more with wood!



CleanFire Outdoor Wood Furnaces are U.S. EPA Step 2 Certified



# Ignite the Revolution

The most efficient furnaces deliver the best value.

Easy to operate • Easy to maintain • Built to last a lifetime

A free 25-year limited warranty is available if CleanFire is registered at the time of purchase.

\*On qualified models and installation. US Internal Revenue Code Sec. 25(C) effective Jan. 1, 2023, for heating a residence. Consult a tax professional with any questions.

WoodMaster.com

# Introducing the new CleanFire Outdoor Wood Furnace

## PEACE OF MIND

Furnace operation couldn't be easier. Features you'll find only with the FireStar® combustion controller -

**Reserve Mode** - reserves a portion of the previous wood load so you'll never have to relight a fire

**Burning Time Monitor** - helps to estimate how much wood is left

**Clean Reload** - Can eliminate smoke when you open the firebox door to add wood

## DURABILITY

The CleanFire's titanium-enhanced stainless steel firebox is impervious to corrosion from high-moisture wood, creosote, or condensation. Over 18 years of experience with no corrosion inside any stainless steel firebox.

## PERFORMANCE

Super heated gases enter the round chamber of the Afterburner and swirl in a turbulent vortex, creating a **Fireball** and allowing enough time for complete combustion to occur.

### CleanFire 300

**Overall Efficiency (LHV)** - 88.4%<sup>1</sup>

**Overall Efficiency (HHV)** - 82.2%<sup>1</sup>

**Mfr's Rated Heat Output Capacity** -  
150,000 Btu/hr\*\*

**Heat Output (12 hr)** - 66,894 Btu/hr

**Firebox Volume** - 10 cubic ft

**Firebox Dimensions** - 28"L x 29"H x 21"W

**Door** - 16"W x 16"H

**Ash Cleanout Door** - 18"W x 9"H

**Water Capacity** - 150 gal.

**Weight** - 1,365 lbs

One set of 1-1/4" Supply and Return Ports  
Can be configured for two pumps

Furnace Options and Accessories:

- LED Light Kits
- Pump Panel Extension Kit

### CleanFire 500

**Overall Efficiency (LHV)** - 90.2%<sup>1</sup>

**Overall Efficiency (HHV)** - 83.8%<sup>1</sup>

**Mfr's Rated Heat Output Capacity** -  
200,000 Btu/hr\*\*

**Heat Output (12 hr)** - 92,417 Btu/hr

**Firebox Volume** - 14 cubic ft

**Firebox Dimensions** - 33"L x 44"H x 26"W

**Door** - 21"W x 25"H

**Ash Cleanout Door** - 19"W x 11"H

**Water Capacity** - 205 gal.

**Weight** - 1,668 lbs

One set of 1-1/4" Supply and Return Ports  
Can be configured for two pumps  
Bypass Door and Alarm

Furnace Options and Accessories:

- LED Light Kits
- Pump Panel Extension Kit

## SMARTDRAFT™ SYSTEM

Efficient combustion requires precise air. When the fire needs a lot of air (such as during startup), the FireStar Controller instructs the SmartDraft system to open the air regulating discs precisely to deliver the exact amount of air needed. The motors in the SmartDraft system are maintenance-free, use less power than other air control methods and never need adjustment or replacement due to wear.

## INNOVATIVE DESIGN

The CleanFire's patented Air Charge Tube keeps coals from falling into the Reaction Chamber and directs oxygen into the Fusion Combustor. There, oxygen mixes with the combustion gases and is focused down into the Afterburner. The Air Charge Tube also helps the furnace to relight faster.

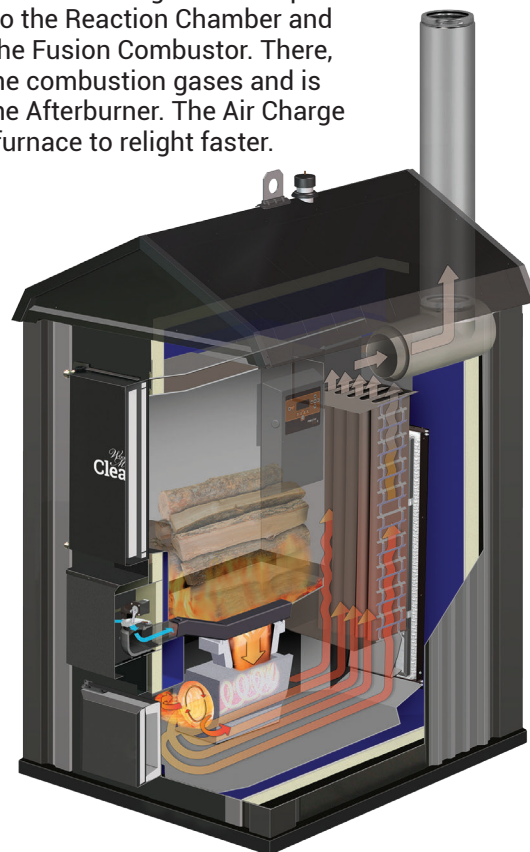


### MyFireStar.com

The FireStar Controller with on-board wi-fi, easy refire, burn time monitor and clean reload keeps you informed of your furnace's performance and operations from anywhere.

### MyFireStar.com/demo

Check out the live demo to see how you can stay connected to the CleanFire from anywhere in the world.



### CleanFire 700

**Overall Efficiency (LHV)** - 89.8%<sup>1</sup>

**Overall Efficiency (HHV)** - 83.4%<sup>1</sup>

**Mfr's Rated Heat Output Capacity** -  
245,000 Btu/hr\*\*

**Heat Output (12 hr)** - 146,686 Btu/hr

**Firebox Volume** - 23 cubic ft

**Firebox Dimensions** - 37"L x 44"H x 26"W

**Door** - 21"W x 25"H

**Ash Cleanout Door** - 19"W x 11"H

**Water Capacity** - 330 gal.

**Weight** - 2,036 lbs

One set of 1-1/4" Supply and Return Ports  
Two sets of 3/4" Supply and Return Ports  
Bypass Door and Alarm

Furnace Options and Accessories:

- LED Light Kits

### CleanFire 900

**Overall Efficiency (LHV)** - 92.1%<sup>1</sup>

**Overall Efficiency (HHV)** - 85.6%<sup>1</sup>

**Mfr's Rated Heat Output Capacity** -  
400,000 Btu/hr\*\*

**Heat Output (12 hr)** - 212,957 Btu/hr

**Firebox Volume** - 32 cubic ft

**Firebox Dimensions** - 42.75"L x 43.5"H x 31.5"W

**Door** - 22.75"W x 28.75"H

**Ash Cleanout Door** - 20"W x 11"H

**Water Capacity** - 420 gal.

**Weight** - 2,714 lbs

One set of 1-1/4" Supply and Return Ports  
Two sets of 3/4" Supply and Return Ports  
Bypass Door and Alarm

<sup>1</sup>Efficiencies are determined under the same test conditions using higher heating value, lower heating value and overall efficiency. \*\* Based on EPA qualifying test.