

# Introducing the new CleanFire 900

## Easy, Convenient Operation

The FireStar® combustion controller constantly monitors how the wood is burning and automatically adds air where and when it's needed for easy operation and the cleanest, most efficient combustion.

**Easy Refire** - saves the coal bed for quick, easy restarts

**Burn Time Monitor** - helps to estimate when you need to add wood

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

**Text Alerts** - be notified when it's time to add wood

## Top 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.

## Easy Access

The patented vertical Easy View® Heat Exchanger with hinged door provides full access without the use of tools.

## Durability

The titanium-enhanced stainless steel firebox is impervious to corrosion from high-moisture wood, creosote or condensation.

## CleanFire 900

TITANIUM STAINLESS STEEL FIREBOX

**Mfr's Rated Heat Output Capacity -**  
350,000 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



The CleanFire 900 titanium-enhanced stainless steel firebox ensures zero corrosion inside the firebox from high-moisture wood, creosote or condensation. Features two rows of stainless steel combustion air tubes.

(p/n 9000853 • Rev. A • Nov. 2020)

# Ignite the Revolution

The most efficient furnaces deliver the best value.

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

## PEACE OF MIND

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

**Easy Refire** - saves the coal bed for quick, easy restarts

**Burn Time Monitor** - helps to estimate when you need to add wood

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



Stay connected to the CleanFire from anywhere!

## 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.



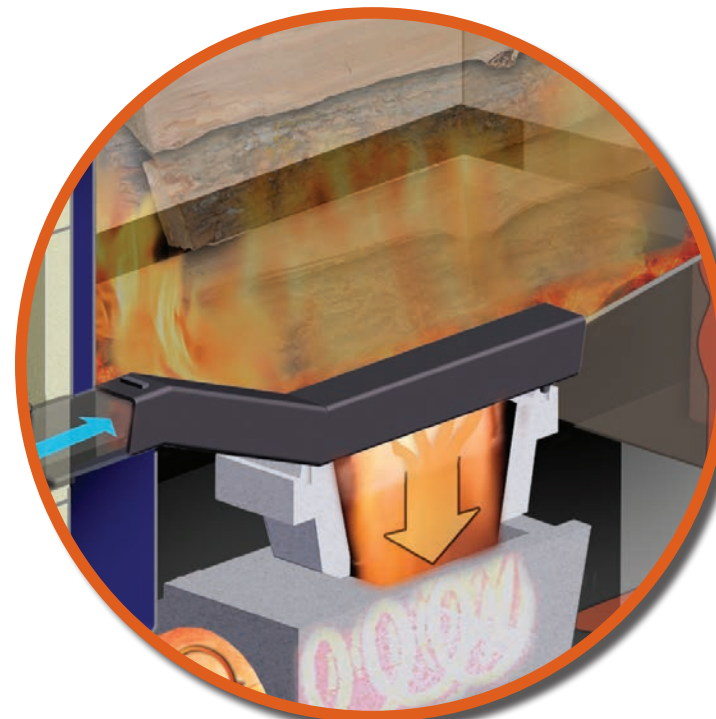
## AIR CONTROL

Air control is imperative for the cleanest, most efficient burn. When the furnace needs a lot of air, FireStar® instructs the stepper motors to open the air regulating discs precisely to deliver the amount of air needed.



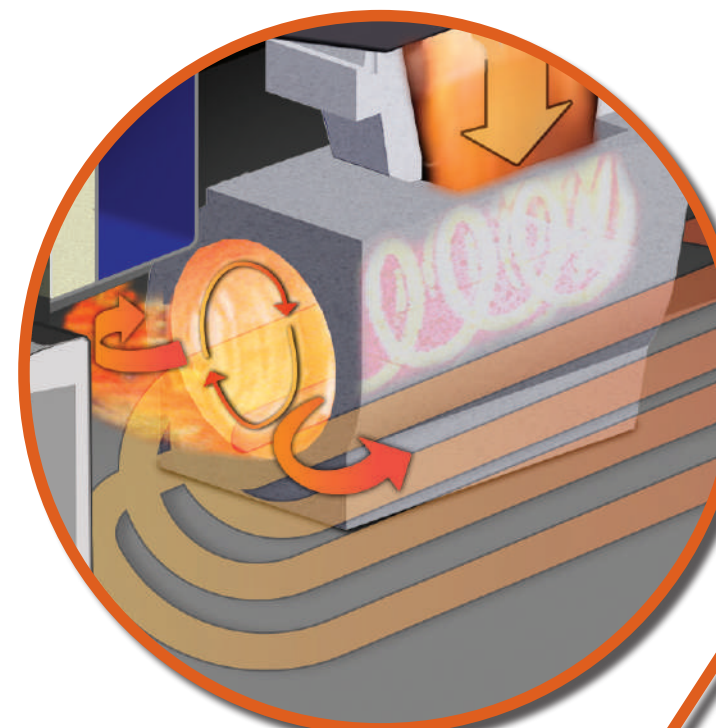
## INNOVATIVE DESIGN

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.



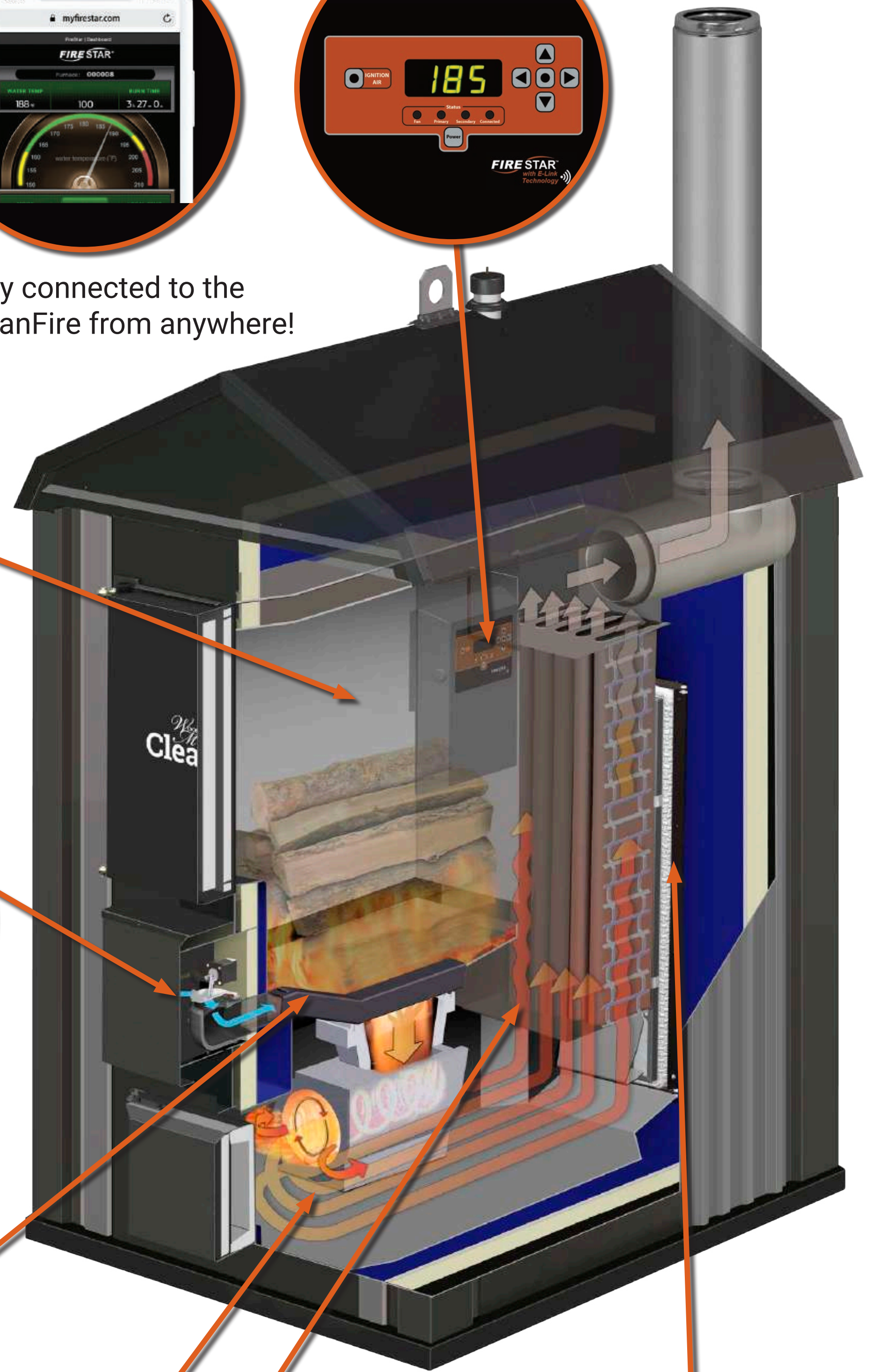
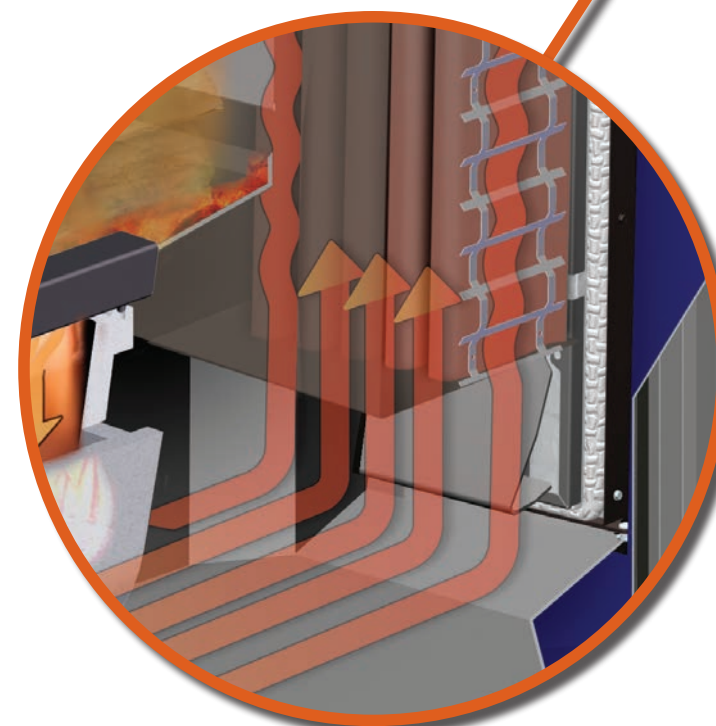
## PERFORMANCE

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.



## HEAT EXTRACTION

Turbulators in the heat exchanger cause turbulence of the exhaust gas flow through the heat exchanger. This forces the heated exhaust to better contact the heat exchanger and transfer more of its energy to the surrounding water jacket before exiting the chimney.



## EASE OF ACCESS

An industry exclusive, the patented vertical Easy View® Heat Exchanger with hinged door provides full access without the use of tools. That makes for quick inspections and easy cleaning from outside the firebox while standing on the ground.

EPA Certified - Step 2 Compliant

WOOD MASTER®  
**CleanFire**

WoodMaster.com

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rev. A

# The WoodMaster Advantage

## CleanFire 300



**Tested Efficiency (LHV) - 88.4%**  
**Mfr's Rated Heat Output Capacity -**  
150,000 Btu/hr

<b>Firebox Volume:</b>	10 cubic feet
<b>Firebox Size:</b>	28" L x 29" H x 21" W
<b>Door:</b>	16" W x 16" H
<b>Ash Cleanout Door:</b>	18" W x 9" H
<b>Water Capacity:</b>	150 gallons
<b>Weight:</b>	1,365 pounds
<b>Supply &amp; Return Ports:</b>	1 set of 1-1/4"



## CleanFire 500



**Tested Efficiency (LHV) - 90.2%**  
**Mfr's Rated Heat Output Capacity -**  
200,000 Btu/hr

<b>Firebox Volume:</b>	14 cubic feet
<b>Firebox Size:</b>	33" L x 32" H x 23" W
<b>Door:</b>	18" W x 18" H
<b>Ash Cleanout Door:</b>	18" W x 9" H
<b>Water Capacity:</b>	205 gallons
<b>Weight:</b>	1,668 pounds
<b>Supply &amp; Return Ports:</b>	1 set of 1-1/4"



## CleanFire 700

**Tested Efficiency (LHV) - 89.8%**  
**Mfr's Rated Heat Output Capacity -**  
245,000 Btu/hr

<b>Firebox Volume:</b>	23 cubic feet
<b>Firebox Size:</b>	37" L x 44" H x 26" W
<b>Door:</b>	21" W x 25" H
<b>Ash Cleanout Door:</b>	19" W x 11" H
<b>Water Capacity:</b>	330 gallons
<b>Weight:</b>	2,036 pounds
<b>Supply &amp; Return Ports:</b>	1 set of 1-1/4" 2 sets of 3/4"

**WOODMASTER®**  
**CleanFire**

# The best just got better!

## CleanFire 1800



The CleanFire 1800 model is U.S. EPA Step 2 Certified

## WOODMASTER CleanFire 1800

**92.7%\*\*  
(LHV)  
Overall  
Efficiency**

### CLEANFIRE 1800

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

**Mfr's 12-Hour Heat Output Capacity -  
156,000 Btu/hr\*\*\***

**Firebox Volume - 23 cubic ft**

**Firebox Dimensions - 37" L x 41.5" H x 26" W**

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

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

**Water Capacity - 360 gallons**

**Weight - 2,500 lbs**

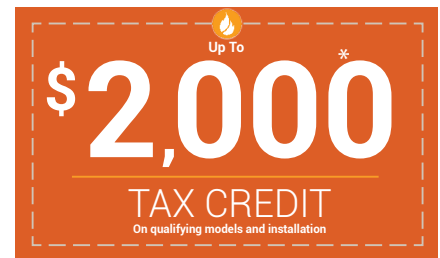
**Three sets of 1-1/4" Supply and Return Ports  
Bypass Door and Alarm**

**Furnace Options and Accessories:**

- LED Light Kits

*Engineered specifically to be **easier than ever to operate and maintain**, the CleanFire 1800 is **cleaner burning, more efficient** and packed with enhanced features!*

- Taller firebox door and the bottom of the door is lower for better firebox visibility.
- Deeper heat exchanger for better efficiency and a longer Fusion Combustor aid in easier operation and a longer duration between maintenance intervals.
- Two rows of primary air tubes are located on both sides of the firebox; the top row of air tubes is higher than the bottom of the door.
- 360-degree primary air supply provides air in the front, back and both sides of the firebox for optimal combustion burning different types of wood.
- No removable ash pan means less maintenance and more heat transfer area.
- Fireball tunnel refractory sections are more robust and interlocking.
- Easy View™ Heat Exchanger offers 52% more surface area than CleanFire 700 resulting in higher efficiency. Easy-to-install turbulators are shorter and more robust for added durability.
- Fittings, nipples, valves and a pump flange are standard on one set of supply and return ports. This saves time and money and makes connecting water lines easy.



\*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.

\*\*Efficiencies are determined under the same test conditions using lower heating value and overall efficiency. \*\*\*Based on EPA qualifying test.