

Peace of Mind

Furnace operation couldn't be easier. The FireStar® combustion controller constantly monitors how the wood is burning and adds air where and when it's needed for the cleanest, most efficient combustion. You can even see how it's operating in real time on your smartphone or set up notifications so you'll know when it's time to add wood.



Air Control

Air control is imperative for the cleanest, most efficient burn. When the fire needs a lot of air (such as during startup or when burning higher moisture wood), FireStar instructs the stepper motors to open the air regulating discs precisely to deliver the amount of air needed. Stepper motors 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, the oxygen mixes with the combustion gases and is focused down into the Afterburner. The Air Charge Tube also helps the furnace to relight faster.



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.



Heat Extraction

Turbulators in the heat exchanger cause turbulence of the exhaust gas flow through the 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 out the chimney.



Durability

The CleanFire's titaniumenhanced stainless steel firebox ensures zero firebox corrosion and can last a lifetime. With features like the Easy Refire and the Burn Time Monitor, burn any kind of 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.

