

**FIRE CHIEF**



---

**NEW CLEAN BURN TECHNOLOGY**

**LONGER BURN TIMES**

*MEAN MORE*

**FREEDOM**

---

**FORCED AIR**

**WOOD BURNING FURNACES**

# WHY BUY A FIRE CHIEF FURNACE?

## NEW FIRE CHIEF CLEAN BURN TECHNOLOGY BURNS LONGER, HOTTER, CLEANER

Enjoy up to 15 hours of burn time from one load of firewood!

Fire Chief clean burn technology provides 33% longer burn times, extracting 50% more usable heat from every wood load. Over twenty new Fire Chief patents pending mean more heat, less chopping, with less ash and cleanup. Longer burn times mean less worry between loads, allowing more time to do what you wish.

When the digital thermostat within your living area calls for heat, a draft induction blower automatically increases the burn rate quickly, resulting in higher heat outputs to warm your home. When the thermostat no longer calls for heat, the induction blower turns off, conserving fuel.

## WHOLE HOME COMFORT

Fire Chief furnaces installed as a stand alone or secondary source of heat have a 1/3HP, 1800 CFM, 3-speed blower fan to deliver heat throughout your home. Choose from 3 settings to maximize comfort.

## EASE OF OPERATION

Convenience is designed into every Fire Chief Furnace. Beyond the standard digital thermostat, the exclusive 360° roller grate and ash removal system enables fast, easy ash removal and keeps the furnace operating at the highest efficiency. Easy access filters keep the blowers clean and maximize distribution air flow.

## EASE OF INSTALLATION

Fire Chief takes the anxiety out of installing. Pre-wired electrical components, low clearances to combustibles, standard 8" duct connections, and easy to assemble filter box make your Fire Chief as close to plug-and-play as it gets.

## LONGER LIFE BACKED BY INDUSTRY BEST WARRANTIES

Fire Chief furnaces are engineered and designed to ensure years of reliable performance. Our limited lifetime warranty is backed by over 70 years of manufacturing excellence using the heavy-gauge steel and high-quality components. Every Fire Chief is manufactured in St. Louis, Missouri.

## EPA CERTIFIED

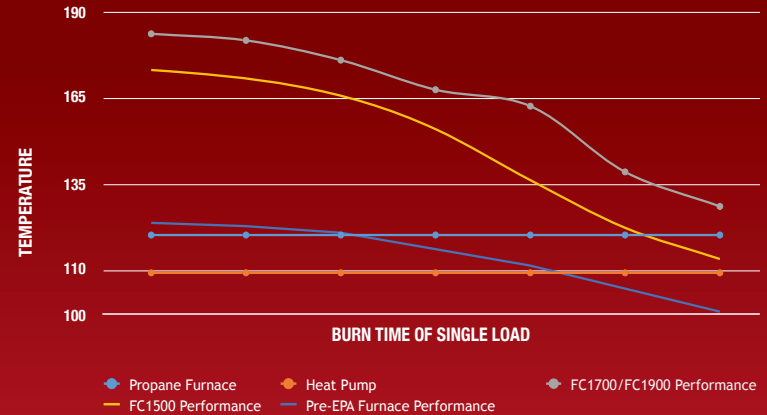
Every Fire Chief wood furnace is EPA Certified to exceed new EPA Warm Air Furnace Standards. Certified to CSA B415.1-2010, UL391, and CSA B366.1-2011 standards.



# BURN LONGER, BURN HOTTER, BURN CLEANER

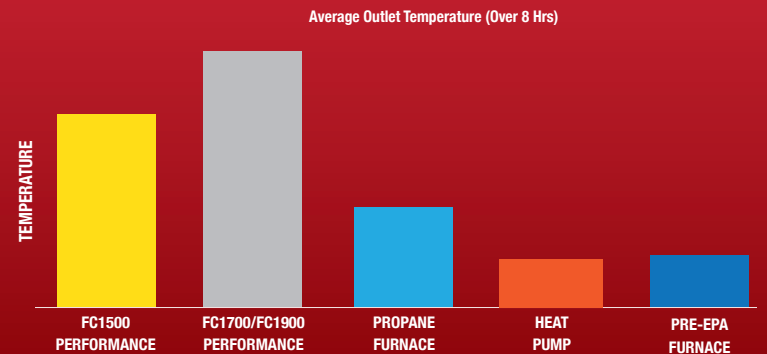
## Burn up to 15 hours with New Fire Chief Furnaces

New Fire Chief wood furnaces burn up to 33% longer than last year's models, creating freedom to work without worry, sleep longer, and play more.



## Improved Home Comfort with Hotter Distribution Temperatures

New Fire Chief wood furnaces produce 50% more heat from every wood load. This improves outlet air temperatures over 20% compared to previous non-EPA furnaces, and are now significantly hotter than propane furnaces and heat pumps. This provides a "feel warm, cozy" quality of heat and eliminates the "uncomfortable, cold and drafty feeling".



## Fire Chief Wood Furnaces are More Environmentally Friendly

Particulate performance of the new Fire Chief FC1500 is .37lb/MMBtu, and FC1700 and FC1900 are .29lb/MMBtu, at least 60% better than the new EPA standard of .93lb/MMBtu.

Wood is a smart choice of fuel because it is sustainable, renewable, and carbon neutral. Additionally, wood is cost effective – especially when it comes from your own land.

# INDOOR

## FIRE CHIEF EPA CERTIFIED FORCED AIR FURNACE

FC1500 | FC1700



### ENJOY EVEN HEAT THROUGHOUT YOUR ENTIRE HOME

Fire Chief furnaces are an excellent whole home heating solution. New Fire Chief Clean Burn Technology provides 33% longer burn times and gets 50% more usable heat from every wood load. The industry's strongest blowers provide even heat throughout your whole home.

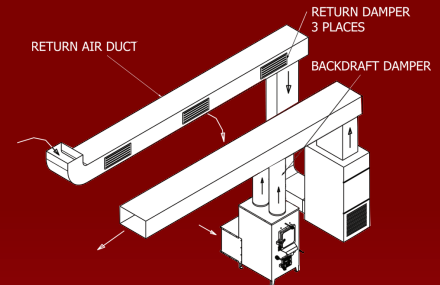
Designed as a furnace with the capacity to heat your whole home, not a stove in a tin can.

FC1500 | FC1700

## TYPICAL INDOOR FURNACE INSTALLATION

### MINIMUM CLEARANCES

High quality construction allows the furnace to have the following clearances to combustibles. See minimum installation clearances in table.



### INDOOR FURNACE SPECIFICATIONS

	FC1500	FC1700
Heat Area	1500-2500 ft <sup>2</sup>	2500-5000 ft <sup>2</sup>
Burn Time	Up to 12 Hours	Up to 15 Hours
Firebox	4.1 ft <sup>3</sup>	5.1 ft <sup>3</sup>
Log Size	20 in.	26 in.
Maximum Input Capacity (Dry Fire Wood)	526,000 BTU	648,000 BTU
Warm Air Output Temperature (Max)	185°F	200°F
Blower	3-Speed ADJ, 1800 CFM	3-Speed ADJ, 1800 CFM
Hot Air Plenum Output	Two - 8" Round	Two - 8" Round
Filter Box / Filter Size	Std / 20" x 25" x 1"	Std / 20" x 25" x 1"
Grate System	360° Cast Iron Roller Grate	360° Cast Iron Roller Grate
Ash pan	Yes	Yes
Flue Pipe Diameter	6"	6"
Particulate Emissions	.37 lbs/million BTUs	.29 lbs/million BTUs
Digital Honeywell Wall Thermostat	Yes	Yes
Smart Burn Control	Yes	Yes
Pre-wired Electrical	Yes	Yes
Warranty:		
- Firebox and Grate	Limited Lifetime	Limited Lifetime
- Electrical Components	1 Yr	1 Yr
- Blower	2 Yrs	2 Yrs
Size W/ Filter Box (Front/Side/Height)	26"/44"/50.5"	26"/50"/50.5"
Weight	495 lb.	555 lb.
Clearance To Combustibles		
- Front/Rear/Sides	48"/6"/12"	48"/12"/6"
- To Main Furnace/Main Duct/ Chimney Connector	12"/2"/18"	12"/2"/18"
Approvals	USA / Canada	USA / Canada
Made In USA	Saint Louis, Missouri	Saint Louis, Missouri

# OUTDOOR

## FIRE CHIEF EPA CERTIFIED FORCED AIR FURNACE FC1900



### TAKE IT OUTSIDE

Save valuable interior space by installing a Fire Chief furnace and keep the mess outside. New Clean Burn technology means more freedom, less chopping, less ash and lower emissions. A Fire Chief furnace may be installed as close as 31" or as far as 20' from your home. UL approved for mobile and modular homes. Patented Heat Dump system protects electrical components in the event of a power failure.

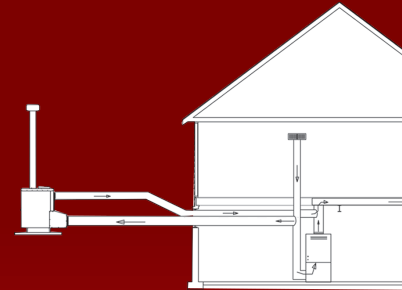
**Designed as a furnace with the capacity to heat your whole home, not a stove in a tin can.**

### FC1900

## TYPICAL OUTDOOR FURNACE INSTALLATION

### THERMOSTATICALLY CONTROLLED WHOLE-HOME HEATING

Simple round heat outlets allow you to quickly connect to your existing system for a clean and inexpensive installation.



### OUTDOOR FURNACE SPECIFICATIONS

	FC1900
Heat Area	2500-5000 ft <sup>2</sup>
Burn Time	Up to 15 Hours
Firebox	5.1 ft <sup>3</sup>
Log Size	26 in.
Maximum Input Capacity (Dry Fire Wood)	648,000 BTU
Warm Air Output Temperature (Max)	200°F
Blower	Single Speed, 1800 CFM
Hot Air Plenum Output	10" Round
Filter Box / Filter Size	Std / 20" x 25" x 1"
Grate System	360° Cast Iron Roller Grate
Ash pan	Yes
Flue Pipe Diameter	6"
Particulate Emissions	.29 lbs/million BTUs
Digital Honeywell Wall Thermostat	Yes
Smart Burn Control	Yes
Pre-wired Electrical	Yes
<b>Warranty:</b>	
- Firebox and Grate	Limited Lifetime
- Electrical Components	1 Yr
- Blower	2 Yrs
Size W/ Filter Box (Front/Side/Height)	26"/58"/59"
Weight	720 lb.
<b>Clearance To Combustibles</b>	
- Front/Rear/Sides	48"/12"/6"
- To Main Furnace/Main Duct/ Chimney Connector	12"/2"/18"
Approvals	USA / Canada
Made In USA	Saint Louis, Missouri



**MANUFACTURED BY HY-C**

10950 LINPAGE PLACE, SAINT LOUIS, MO 63132

800-875-4788 | [WWW.HY-C.COM](http://WWW.HY-C.COM)

**MADE IN USA**



**HYC**

HOME SOLUTIONS BUILT BETTER



LIT-FCB 03/17