



## Fire Chief Wood/Coal Burning Furnaces

**Indoor** FC300F FC450 FC500E FC700E FC1100E

**Outdoor** FC1600D FC1800D FC2200D

# WHY BUY A FIRE CHIEF FURNACE?

Fire Chief Furnaces are built to a high standard of manufacturing excellence. We have listened to the constructive critique of our loyal customers for 30 years. Who knows better than the consumer? Our units are built to stand the test of time using the best materials in the industry. Our Saint Louis-based company produces the #1 central wood/coal burning furnace in America. Don't take our word, ask a satisfied owner of a Fire Chief.



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### **Easy to Use & Maintain**

The Fire Chief furnaces are designed with ease-of-use in mind. Over the years we've perfected our furnaces so you can heat your home without worry or complications. The pre-wired electrical system is easy to attach - saving time and money. Many units come standard with automatic draft control and digital wall thermostats. More than 95% of our furnaces are self-installed.

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### **Maximum Efficiency & Maximum Heat**

Our furnace has the strongest blower in the industry (1/3-horsepower compared with the industry standard 1/8-horsepower and 1/10-horsepower units). Fire Chief delivers faster and stronger air flow. Our unique secondary combustion chamber ensures higher efficiency, re-burning wood gases and smoke. The multi-directional cast iron baffles direct combustion air above and below the grates to create maximum efficiency. In addition, burning wood (a renewable resource) reduces greenhouse gas emissions caused by burning fossil fuels such as oil, propane, and gas.

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### **Highest Quality Standards**

Fire Chief has the best warranty in the industry. Our unique 360-degree cast iron roller grate system allows for separation of fine ash and carries a limited lifetime warranty. Our blower motors have a 2-year warranty and fire boxes a 5-year warranty. Fire Chief furnaces are made entirely in the USA. All furnaces are tested to the UL391 standard by Intertek. For our outdoor units, the patented heat dump safety feature makes a Fire Chief the most reliable furnace you can buy.

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### **Reliable Support Network**

We partner with our dealer network to provide training and support throughout the season. Fire Chief does not outsource Customer Technical Support services. Our toll free number is answered by trained support team members in St. Louis, Missouri.

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## FC300F INDOOR

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WOOD & COAL BURNING - TESTED TO UL391  
HEATING AREA = 1200 SQ FT  
MAXIMUM BTUs = 80,000

LOG SIZE = 22"  
FIREBOX = 4.8 CUBIC FT  
BLOWER CAPACITY = 490 CFM

FIREBOX = 5 YEAR WARRANTY  
OPTIONAL FILTER BOX = 16" x 20" x 1"  
MANUAL DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY  
SHIPPING WEIGHT = 320 LBS

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## FC450 INDOOR

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WOOD & COAL BURNING - TESTED TO UL391  
HEATING AREA = 1500-2000 SQ FT  
MAXIMUM BTUs = 100,000

LOG SIZE = 22"  
FIREBOX = 7.1 CUBIC FT  
BLOWER CAPACITY = 1500 CFM

FIREBOX = 5 YEAR WARRANTY  
STANDARD FILTER BOX = 20" x 25" x 1"  
BI-METAL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY  
SHIPPING WEIGHT = 505 LBS

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## FC500E INDOOR

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WOOD & COAL BURNING - TESTED TO UL391  
HEATING AREA = 1500-2000 SQ FT  
MAXIMUM BTUs = 100,000

LOG SIZE = 22"  
FIREBOX = 7.1 CUBIC FT  
BLOWER CAPACITY = 1350, 1500, 1800 CFM

FIREBOX = 5 YEAR WARRANTY  
STANDARD FILTER BOX = 20" x 25" x 1"  
DIGITAL WALL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY  
SECONDARY COMBUSTION CHAMBER  
SHIPPING WEIGHT = 555 LBS

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CAST IRON ROLLER GRATES = LIFETIME WARRANTY



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## FC700E INDOOR

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WOOD & COAL BURNING - TESTED TO UL391  
HEATING AREA = 2500-3500 SQ FT  
MAXIMUM BTUs = 150,000

LOG SIZE = 28"  
FIREBOX = 8.9 CUBIC FT  
BLOWER CAPACITY = 1350, 1500, 1800 CFM

FIREBOX = 5 YEAR WARRANTY  
STANDARD FILTER BOX = 20" x 25" x 1"  
DIGITAL WALL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY  
SECONDARY COMBUSTION CHAMBER  
SHIPPING WEIGHT = 615 LBS

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CAST IRON ROLLER GRATES = LIFETIME WARRANTY



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## FC1100E INDOOR

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WOOD & COAL BURNING - TESTED TO UL391

HEATING AREA = 3500-5000 SQ FT

MAXIMUM BTUs = 200,000

LOG SIZE = 34"

FIREBOX = 11.3 CUBIC FT

BLOWER CAPACITY = 1350, 1500, 1800 CFM

FIREBOX = 5 YEAR WARRANTY

STANDARD FILTER BOX = 20" x 25" x 1"

DIGITAL WALL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY

SECONDARY COMBUSTION CHAMBER

SHIPPING WEIGHT = 705 LBS

CAST IRON ROLLER GRATES = LIFETIME WARRANTY



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## FC1600D OUTDOOR

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WOOD & COAL BURNING - TESTED TO UL391

HEATING AREA = 1000-1500 SQ FT

MAXIMUM BTUs = 100,000

LOG SIZE = 28"

FIREBOX = 5.9 CUBIC FT

BLOWER CAPACITY = 1800 CFM

FIREBOX = LIMITED 5 YEAR WARRANTY

MANUAL DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY

SECONDARY COMBUSTION CHAMBER

SHIPPING WEIGHT = 590 LBS

25 FT FLEX HEAT DUCT



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## FC1800D OUTDOOR

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WOOD & COAL BURNING - TESTED TO UL391

HEATING AREA = 1500-2500 SQ FT

MAXIMUM BTUs = 140,000

LOG SIZE = 28"

FIREBOX = 8.9 CUBIC FT

BLOWER CAPACITY = 1800 CFM

FIREBOX = LIMITED 5 YEAR WARRANTY

DIGITAL WALL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY

SECONDARY COMBUSTION CHAMBER

SHIPPING WEIGHT = 780 LBS

25 FT FLEX HEAT DUCT



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## FC2200D OUTDOOR

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WOOD & COAL BURNING - TESTED TO UL391

HEATING AREA = 2500-3500 SQ FT

MAXIMUM BTUs = 180,000

LOG SIZE = 34"

FIREBOX = 10.8 CUBIC FT

BLOWER CAPACITY = 1800 CFM

FIREBOX = LIMITED 5 YEAR WARRANTY

DIGITAL WALL THERMOSTAT DRAFT CONTROL

PRE-WIRED FOR EASY ASSEMBLY

SECONDARY COMBUSTION CHAMBER

SHIPPING WEIGHT = 865 LBS

25 FT FLEX HEAT DUCT



# 300

## MODEL

## FC300F

BTUs (maximum) HEATING (sq. ft.) LOG SIZE	80,000 APPROX. UP TO 1200 22"
FIRE BOX VOLUME BLOWER CAPACITY DOOR SIZE	4.8 CU. FT. 490 CFM 13" x 14"
FLUE SIZE PLENUM SIZE HEIGHT TO CENTER OF FLUE COLLAR	6" 8" ROUND 35.25"
FILTER SIZE HEIGHT x WIDTH DEPTH (with optional filter box)	16" x 20" x 1" 40.5" x 20" 41"
SHIPPING WEIGHT WARRANTY - FIREBOX WARRANTY - GRATES & CASTINGS WARRANTY - BLOWER MOTOR	320 LBS. 5 YEAR LIMITED 5 YEAR LIMITED 2 YEAR



## FURNACE FEATURES

- Wood Grate System
- Prewired Electrical System
- 490 CFM Blower Motor
- Optional Filter Box
- Heavy Gauge Continuously Welded Steel Fire Box
- Manually Controlled Draft System
- Removable Ash Pan

## ACCESSORIES



# 450

## MODEL

## FC450

BTUs (maximum) HEATING (sq. ft.) LOG SIZE	100,000 APPROX. 1500-2000 22"
FIRE BOX VOLUME BLOWER CAPACITY DOOR SIZE	7.1 CU. FT. 1500 CFM 13" x 14"
FLUE SIZE PLENUM SIZE HEIGHT TO CENTER OF FLUE COLLAR	6" 10" ROUND 44.5"
FILTER SIZE HEIGHT x WIDTH DEPTH (with filter box)	20" x 25" x 1" 50.5" x 26" 45"
SHIPPING WEIGHT WARRANTY - FIREBOX WARRANTY - GRATES & CASTINGS WARRANTY - BLOWER MOTOR	505 LBS. 5 YEAR LIMITED 5 YEAR LIMITED 2 YEAR



## FURNACE FEATURES

- Wood Grate System
- Prewired Electrical System
- 1/3 Horsepower 1500 CFM Blower Motor
- Filter Box Standard
- Heavy Gauge Continuously Welded Steel Fire Box
- Bi-Metal Draft Control Damper Provides Automatic Combustion Control

## ACCESSORIES



# 500 700 1

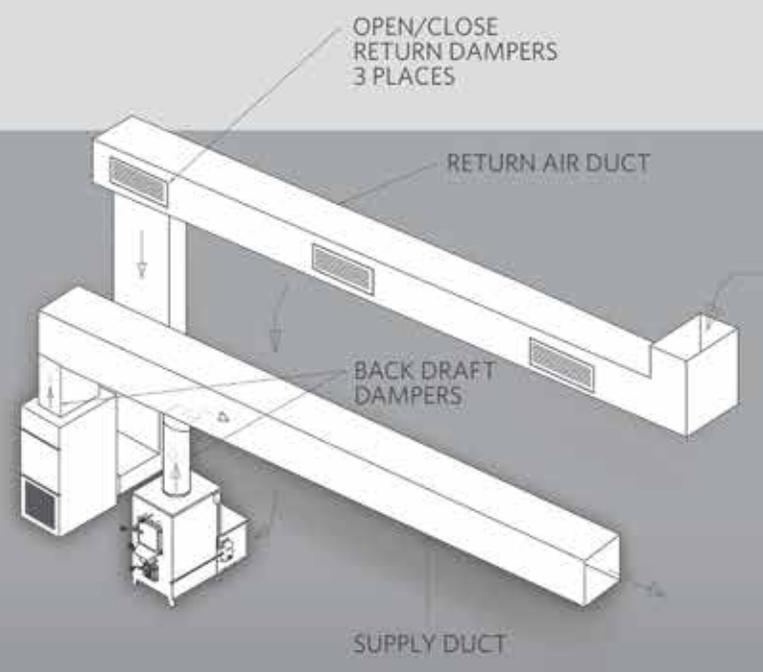
MODEL	FC500E	FC700E	FC1100E
BTUs (maximum) HEATING (sq. ft.) LOG SIZE	100,000 APPROX. 1500-2000 22"	150,000 APPROX. 2500-3500 28"	200,000 APPROX. 3500-5000 34"
FIRE BOX VOLUME DIGITAL THERMOSTAT INDUCTION DRAFT BLOWER	7.1 CU. FT. INCLUDED 50 CFM	8.9 CU. FT. INCLUDED 50 CFM	11.3 CU. FT. INCLUDED 50 CFM
3-SPEED BLOWER CAPACITY DOOR SIZE FLUE SIZE	1350, 1500, 1800 CFM 13" x 14" 6"	1350, 1500, 1800 CFM 13" x 14" 6"	1350, 1500, 1800 CFM 13" x 14" 8"
PLENUM SIZE HEIGHT TO CENTER OF FLUE COLLAR FILTER SIZE	12" ROUND 44.5" 20" x 25" x 1"	12" ROUND 44.5" 20" x 25" x 1"	12" ROUND 44.5" 20" x 25" x 1"
HEIGHT x WIDTH DEPTH (with filter box) SHIPPING WEIGHT	50.5" x 26" 45" 555 LBS.	50.5" x 26" 51" 615 LBS.	50.5" x 26" 56" 705 LBS.
WARRANTY - FIREBOX WARRANTY - GRATES & CASTINGS WARRANTY - ELECTRICAL & BLOWER	5 YEAR LIFETIME 2 YEAR	5 YEAR LIFETIME 2 YEAR	5 YEAR LIFETIME 2 YEAR

## ACCESSORIES



12"x24" GALVANIZED PIPE SNG24X12

## TYPICAL INDOOR FURNACE INSTALLATION

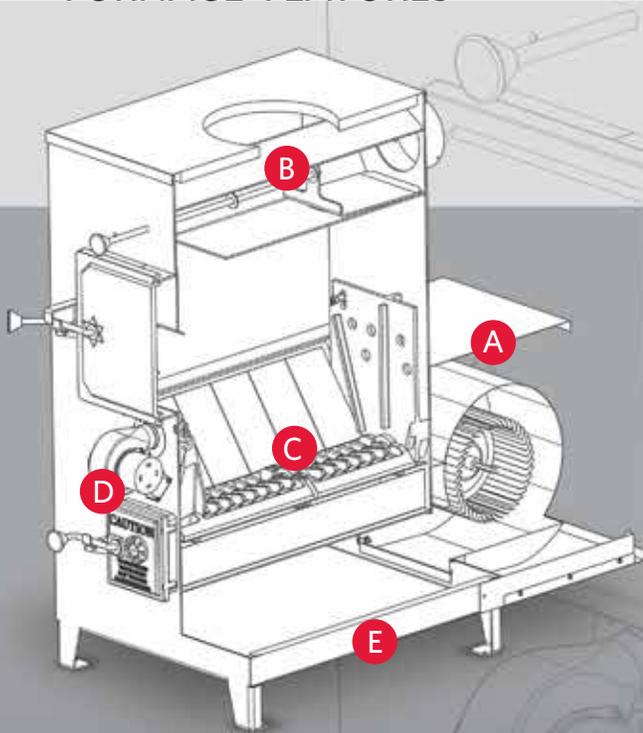


# 100

- Best Warranty in the Industry
- 360° Cast Iron Roller Grate
- Prewired Electrical System
- 1/3 Horsepower 3-Speed Blower Motor
- Standard Filter Box
- 7 & 10 Gauge Steel Fire Box
- Secondary Combustion Chamber
- Thermostatically Controlled Draft System



## FURNACE FEATURES



- A** Standard Filter Box (Blower Motor)
- B** Secondary Combustion Chamber
- C** 360° Cast Iron Roller Grate
- D** Induction Draft Blower
- E** Insulated Sides

# 16000

## MODEL **FC1600D**

BTUs (maximum)  
HEATING (sq. ft.)  
LOG SIZE

100,000 APPROX.  
1000-1500  
28"

FIRE BOX VOLUME  
BLOWER CAPACITY  
DOOR SIZE

5.9 CU. FT.  
1800 CFM  
13" x 14"

FLUE SIZE  
PLENUM SIZE  
COLD AIR RETURN

6"  
10" ROUND  
12" ROUND

HEIGHT  
WIDTH  
DEPTH (w/blower housing)

44.5"  
29.5"  
60"

SHIPPING WEIGHT  
WARRANTY - FIREBOX  
WARRANTY - ELECTRICAL COMPONENTS

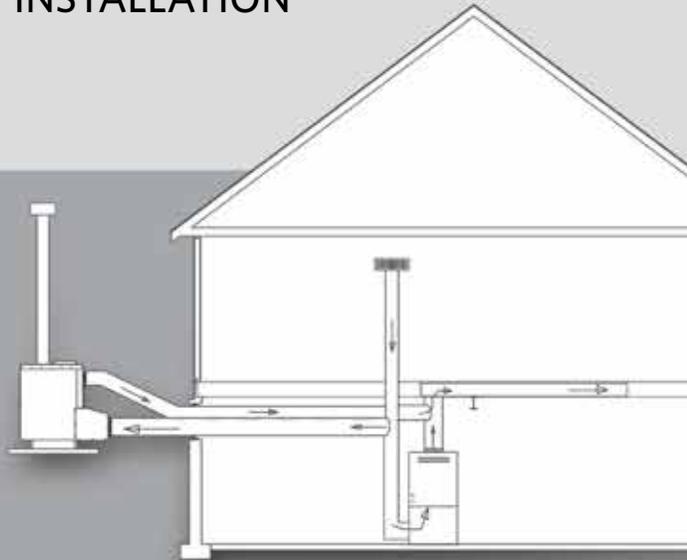
590 LBS  
5 YEAR LIMITED  
1 YEAR

WARRANTY - BLOWER MOTOR  
10" INSULATED HEAT DUCT

2 YEAR  
25 FT.

### TYPICAL OUTDOOR FURNACE INSTALLATION

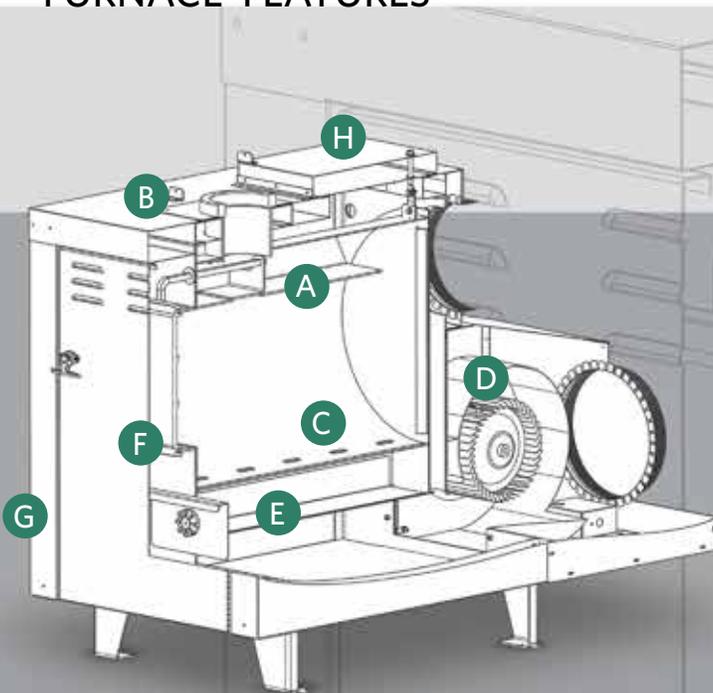
### ACCESSORIES (for all Outdoor units)



- Patented Heat Dump
- Prewired Electrical System
- 7 & 10 Gauge Steel Fire Box
- Secondary Combustion Chamber
- 1/3 Horsepower 1800 CFM Blower Motor
- Manually Controlled Draft System
- Laser Cut Grate for Easy Ash Removal
- Optional Return Air Filter Box



## FURNACE FEATURES



- A** Secondary Combustion Chamber
- B** Anchor Plate for Insulated Chimney
- C** Laser Cut Ash Grate System
- D** Thermostatically Controlled 1800 CFM Blower
- E** Removable Ash Pan with Spin Draft
- F** Manual Draft Control
- G** Durable Powder Coated Weather-Resistant Finish
- H** Patented Heat Dump

## MODEL

## FC1800D

## FC2200D

BTUs (maximum)  
HEATING (sq. ft.)  
LOG SIZE

140,000 APPROX.  
1500-2500  
28"

180,000 APPROX.  
2500-3500  
34"

PLENUM SIZE  
DIGITAL THERMOSTAT  
INDUCTION DRAFT BLOWER

10" ROUND  
INCLUDED  
50 CFM

10" ROUND  
INCLUDED  
50 CFM

BLOWER CAPACITY  
DOOR SIZE  
FLUE SIZE

1800 CFM  
13" x 14"  
6"

1800 CFM  
13" x 14"  
6"

FIRE BOX VOLUME  
HEIGHT x WIDTH  
DEPTH (w/blower housing)

8.9 CU. FT.  
59" x 30"  
59"

10.8 CU. FT.  
59" x 30"  
65"

10" INSULATED HEAT DUCT  
COLD AIR RETURN  
SHIPPING WEIGHT

25 FT.  
12" ROUND  
780 LBS.

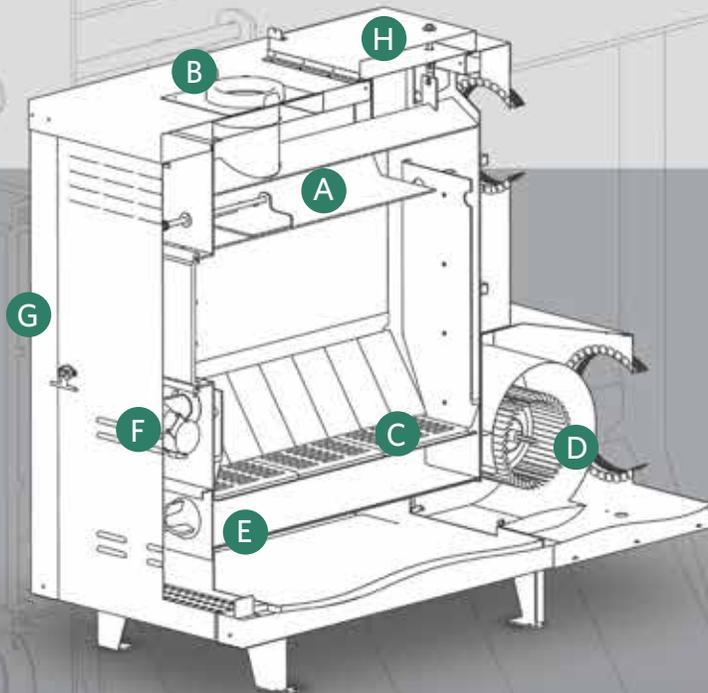
25 FT.  
12" ROUND  
865 LBS.

WARRANTY - FIREBOX  
WARRANTY - GRATES & CASTING  
WARRANTY - ELECTRICAL & BLOWER

5 YEAR LIMITED  
5 YEAR LIMITED  
2 YEAR

5 YEAR LIMITED  
5 YEAR LIMITED  
2 YEAR

## FURNACE FEATURES



- A** Secondary Combustion Chamber
- B** Anchor Plate for Insulated Chimney
- C** Wood Grates
- D** 1800 CFM Blower Motor
- E** Removable Ash Pan with Spin Draft
- F** Induction Draft Blower
- G** Durable Powder Coated Weather-Resistant Finish
- H** Patented Heat Dump

**PATENTED  
HEAT DUMP**  
PROTECTS ADD-ON  
FURNACE IN CASE OF  
POWER LOSS

- Patented Heat Dump
- Prewired Electrical System
- 7 & 10 Gauge Steel Fire Box
- Secondary Combustion Chamber
- Thermostatically Controlled Draft System
- 1/3 Horsepower 1800 CFM Blower Motor
- Optional Return Air Filter Box



## ACCESSORIES (for all Outdoor units)



10" BACK DRAFT DAMPER

**AM-BD10**

12" BACK DRAFT DAMPER

**AM-BD12**



10" MANUAL BACK DRAFT DAMPER

**AM-MD10**

12" MANUAL BACK DRAFT DAMPER

**AM-MD12**



MOBILE HOME KIT

**FCMHK**



10" STARTER COLLAR

**SNGCLR10**

8" STARTER COLLAR

**SNGCLR08**

12" STARTER COLLAR

**SNGCLR12**



RETURN AIR FILTER BOX

**FCOSFB**

- filter size 16"x20"x1"

- interior use only



12"x 25' INSULATED FLEX DUCT

**SF12HDK**



QUALITY PRODUCTS

## OTHER QUALITY PRODUCTS FROM OUR COMPANY

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### CHIMNEY COVERS

Protect your chimney from cracks and deterioration and keep it free from pests and debris. Single flue and multi-flue available. Superior construction available in Copper, Stainless Steel and Galvanized Steel. Limited lifetime warranty for Copper and Stainless Steel, 7-year warranty on Galvanized Steel.

Custom-Made Chimney Covers also available. Call 1-800-325-7076.



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### STOVE BOARDS

Protect your floors or walls from intense heat, hot coals and ashes. Use under heating appliances, on the wall behind the appliance, or in front of your fireplace. These UL1618 Type 2 Stove Boards are available in 4 updated patterns.



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### LOG RACKS & COVERS

Cure your wood to produce maximum BTUs during the heating season. Available in a variety of styles and adjustable sizes, constructed of heavy-duty tubular or 1.25" square 16 gauge steel, with a black powder coat finish. Easy to assemble. Log rack covers also available.



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## LOG GRATES

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Enhance the look and usefulness of your fireplace with these durable cast iron grates. They are offered in a variety of styles and sizes to suit every taste and fireplace size.



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## FLEX LINER KIT

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Highly recommended to protect your home from flue fires and creosote build up, the flex liner kit is made from 7-ply 316 stainless steel to provide superior strength and durability. Rugged construction allows for expansion and contraction during heat up and cool down periods. Limited lifetime warranty.



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## CLASS "A" CHIMNEY

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ShelterPro Chimney is designed to handle temperatures up to 2100°F with superior durability and safety. The inner liner and outer casing are outstanding grade 304 stainless steel, designed to prevent corrosion and keep out moisture. Premium fiber insulation ensures minimal loss of heat. Offered in 6" and 8" diameters and a variety of lengths, includes a lifetime warranty.



**FIRE CHIEF**



*a HY-C Company*

[WWW.FIRECHIEFWOODFURNACE.COM](http://WWW.FIRECHIEFWOODFURNACE.COM)

800-875-4788