



High Efficiency Coal Burning Furnaces



# Comfort and Peace of Mind

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## Four Reasons to Choose a HeatMaster<sup>SS</sup> Furnace

We know you want to keep your family comfortable, while you save money. That's why HeatMaster<sup>SS</sup> offers the toughest, easiest-to-use coal burning furnaces on the market.

### 1 Easy On You

At HeatMaster<sup>SS</sup> we appreciate that your time is precious and we focus on providing time saving and convenient features to make running your furnace quick and simple. Some of our most popular include:

**Cast iron shaker grates and removable stainless steel ash pan** make cleaning a breeze. Just shake the grates and pull out the ash pan to remove the ash.

**The forced air fan** pushes air through the grates at the bottom of the firebox, ideal for coal burning and fast heat recovery.

**Deep oval firebox** with convenient loading height provides an easy loading experience by allowing you to drop the fuel into the firebox rather than lifting.

What does it mean for you? A more comfortable coal burning experience.

We back each furnace with our best-in-industry Lifetime Limited Warranty, which is twice as long as the leading mild steel competitor. We are confident that you will enjoy the natural warmth they provide for many years.



## 2 Built To Last

HeatMaster<sup>SS</sup> combines the best materials with expert engineering to create the most rugged, longest lasting furnaces available. We use 409 Titanium Enhanced Stainless Steel which is the only product that provides the right blend of longevity and cost effectiveness to meet our very high standards of excellence.

**Titanium Stainless Steel** is the best choice for your furnace because:



- **It resists corrosion.** Titanium Stainless Steel is coated with a chromium film so it will not corrode from:
  - Wet ashes or creosote in your firebox
  - Sweating on your water jacket
  - Corrosive elements in your water
- **It can withstand higher continuous temperatures.**
- **It transfers more heat.** Heat gets to your water at a higher rate which will save you fuel.
- **It has a low Thermal Expansion Rate.** It won't crack and warp in a high heat environment.

HeatMaster<sup>SS</sup> furnaces are built to the very highest standards with **ISO 9001 Certified** manufacturing processes.

|                                  | Mild Steel | 409 SS |
|----------------------------------|------------|--------|
| Corrosion Resistance             | No         | Yes    |
| Continuous Temperature Tolerance | Low        | High   |
| Heat Transfer                    | Good       | Good   |
| Thermal Expansion                | Low        | Low    |
| Cost                             | Good       | Good   |

## 3 Cost Savings

**Substantially reduce your heating bill with coal heat.**

Fuel prices can fluctuate erratically but coal costs are consistently economical. It's a secure feeling when you take control of your heating budget. You'll even use less coal with our efficient and reliable technology.

### Economical

C Series furnaces are very economically priced. This gives you the features, efficiency and BTU output you want with a short payback period. Whether you choose to finance your furnace or buy it and install it yourself, you will be delighted at the long term savings that coal heating provides.

## 4 The HeatMaster<sup>SS</sup> Advantage

When you're looking to heat your home, it's good to know that they are backed by an extensive network of professional dealers. HeatMaster<sup>SS</sup> dealers are there to help you with expert installation, advice, after sales service and so much more. We take pride in our products, service and ensuring your needs are met.

**HeatMaster<sup>SS</sup>** has been providing safe, reliable, and efficient heating solutions since 2001. Our dedicated and world-class staff continually research new and innovative ways to improve and perfect our products. We truly understand the needs of customers who are looking for high-efficiency furnaces at competitive prices

# C SERIES

The design for our C Series outdoor coal furnace combines quality workmanship and materials with high performance and efficiency. They work with almost any existing heating system and follow the HeatMaster<sup>SS</sup> standard for quality. The C Series is the industry leader in quality, efficiency, and performance for coal burning boilers.



## Easy View Water Level Gauge

Highly visible from a distance.

## Deep Oval Firebox

This design allows for more efficient heat transfer, extra strength and fewer welds with no corners for ash to collect in. The extra deep firebox works particularly well for coal burning and keeps the door cooler.

## Timer

Keeps the coal bed alive when idling.

## Forced Air Draft

Creates a very hot burn allowing your furnace to quickly react to your heating demands.

## Triple Pass Exhaust

Provides maximum heat transfer into the water jacket.

*The C800 uses a double pass exhaust.*

NEW

## Dump Feature

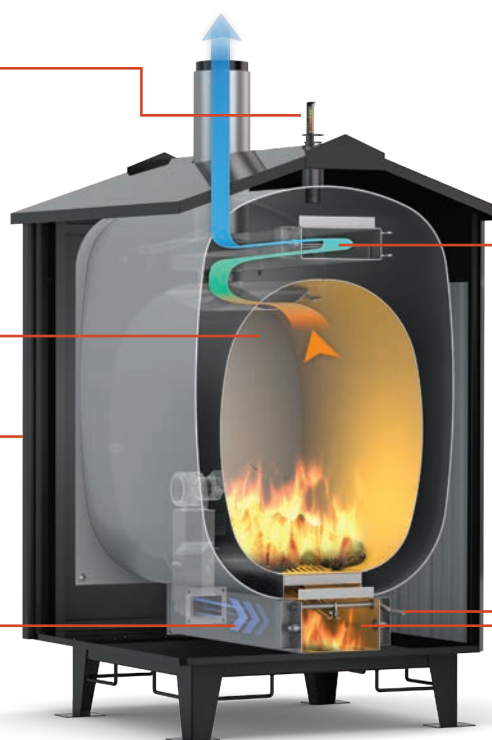
Opens the grates wider to easily clean out ash and clinkers.

## Heavy Duty Shaker Grates

Racking the grates allows the ash to drop into the stainless steel ash pan.

## Easy Clean Ash Pan

Removable ash pan makes ash clean up quick and easy.



## Additional Features

- Large insulated firebox door uses a ball bearing latch, making the door easy to open and close.
- Firebox door design has a simple hinge adjustment.
- Long lasting high quality exterior finish.



## C SERIES



|                              | C150                        | C250                           | C375                           | C500                             | C800                             |
|------------------------------|-----------------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|
| Approx. Heating Space*       | 3,000sq. ft.                | 5,000sq. ft.                   | 7,500sq. ft.                   | 10,000sq. ft.                    | 20,000sq. ft.                    |
| Maximum BTU's**              | 150,000/hr                  | 250,000/hr                     | 375,000/hr                     | 500,000/hr                       | 800,000/hr                       |
| Water Capacity (US gallons)  | 60                          | 125                            | 180                            | 230                              | 555                              |
| Firebox (L" x W" x H")       | 28 x 24 x 32                | 34 x 31 x 38                   | 46 x 34 x 40                   | 56 x 34 x 42                     | 60 x 52 x 52                     |
| Firebox Door (L" x W" x H")  | 16 x 18                     | 20 x 20                        | 24 x 24                        | 24 x 24                          | 42 x 30                          |
| Weight (lbs)                 | 950                         | 1,300                          | 1,700                          | 2,000                            | 4,000                            |
| Outlets                      | 1 set of 1" feed and return | 2 sets of 1" feeds and returns | 2 sets of 1" feeds and returns | 2 sets of 1.5" feeds and returns | 4 sets of 1.5" feeds and returns |
| Chimney Size                 | 6"                          | 6"                             | 6"                             | 8"                               | 10"                              |
| Dimensions*** (L" x W" x H") | 52 x 36 x 78                | 56 x 49 x 84                   | 69 x 49 x 89                   | 81 x 51 x 93                     | 98 x 82 x 100                    |

\*Well-insulated house.

\*\*BTU's are approximate and will vary depending on fuel quality.

\*\*\* Height of the furnace is to the top of the lift hook

## Designed for Coal



### Shaker Grates

Heavy cast iron grate makes firebox cleaning simple.



### Easy Clean Ash Pan

Removable ash pan makes ash clean up quick and easy.



### Control Panel

Easy to use backlit digital control and switches.



### Forced Air Fan

Forces air through the bottom of the firebox, ideal for coal burning and fast heat recovery.



### Hinged Rear Door

Makes access to the rear of the furnace for installation and servicing simple.

# Heat Where You Need It

In addition to supplying domestic heat and hot water, a HeatMaster<sup>SS</sup> furnace can also provide heat for:

## Baseboard Heaters



## Hot Tubs and Pools



## Livestock Structures

*Dairy Barns, Hog Barns, etc.*



## Pressure Washers



## Snow-melt for Driveways



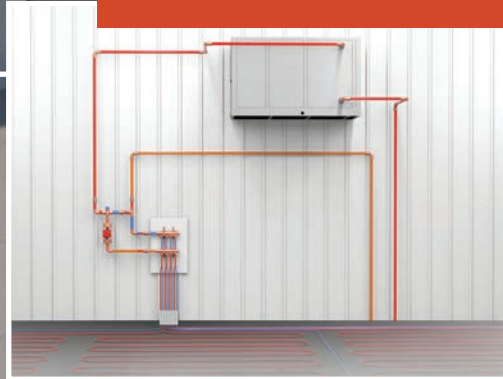
## Clothes Dryers



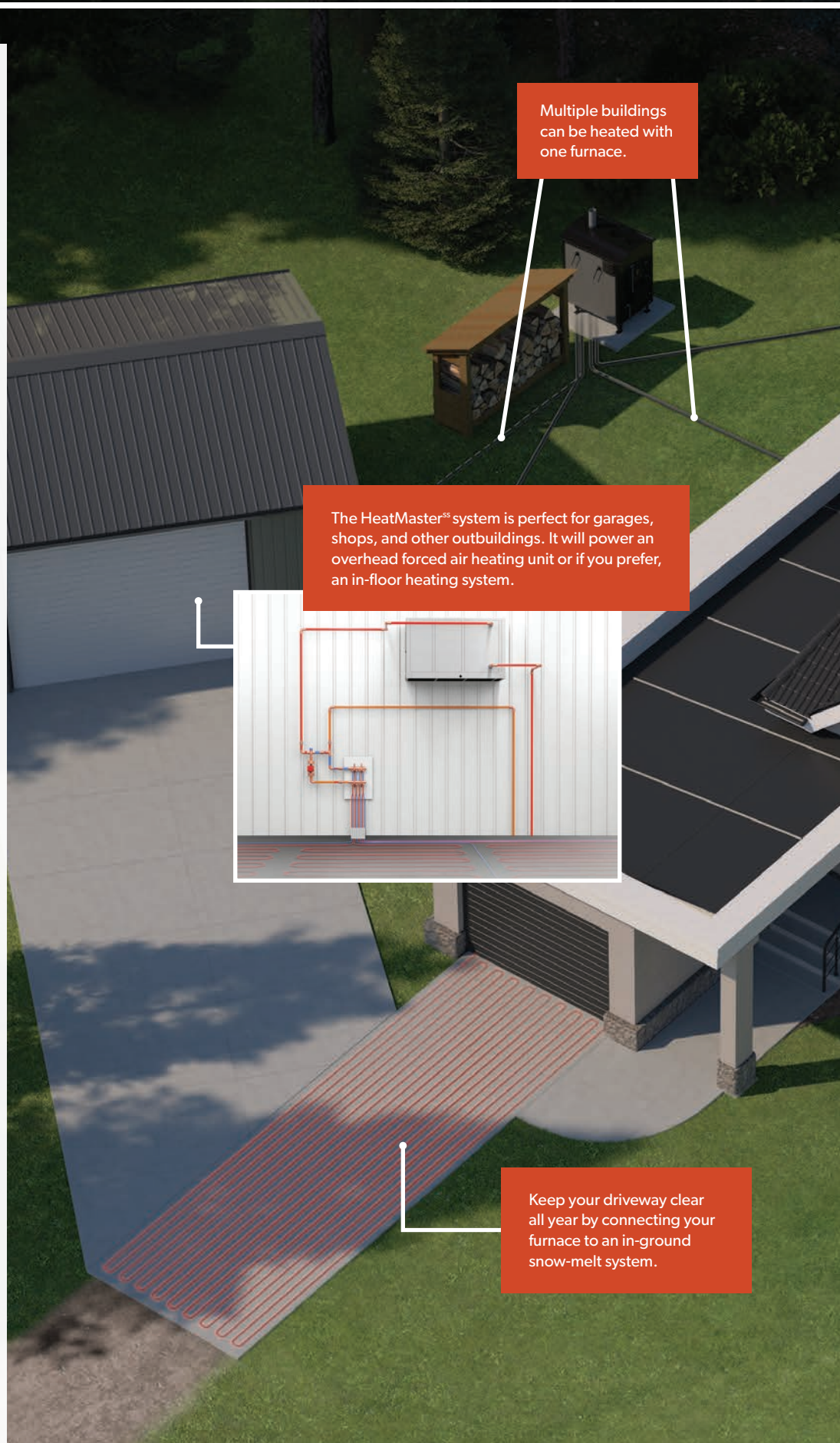
And almost any heating application you can imagine

Multiple buildings can be heated with one furnace.

The HeatMaster<sup>SS</sup> system is perfect for garages, shops, and other outbuildings. It will power an overhead forced air heating unit or if you prefer, an in-floor heating system.



Keep your driveway clear all year by connecting your furnace to an in-ground snow-melt system.



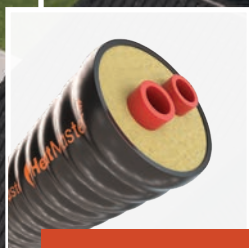


## Location

An outdoor furnace is typically installed in your backyard, 25 to 300 feet away from the building or structure you intend to heat. This creates a natural buffer to keep all noise, mess and risk of fire safely away from the building(s) you spend the most time.

## Flexibility

Your HeatMaster<sup>ss</sup> furnace can easily tie in to almost any existing heating system. Your existing heat source then serves as a backup system.



Rhinoflex pipe offers the most efficient, rugged pre-insulated pipe on the market while being easy to install and economical.

A HeatMaster<sup>ss</sup> furnace can tie into your home heating system very effectively. A water to air heat exchanger can be installed into the existing plenum of your furnace and a water to water heat exchanger can be installed in your domestic water system.







HeatMaster<sup>ss</sup> is a family-owned company which has manufactured and distributed its own line of outdoor furnaces since 2001. Our dedicated and world-class staff continually research new and innovative ways to improve and perfect our products.

HeatMaster<sup>ss</sup> offers prompt delivery, expert installation, and the highest standard of after-sales service. We thoroughly inspect and test every furnace before it leaves our plant.

After consulting with one of our dealers, you'll be able to choose the right furnace to meet your needs.

To find a dealer in your area, visit

**[HeatMasterss.com](http://HeatMasterss.com)**

