

**MF** SERIES 

quality and performance built right in



  
**HeatMaster**™ 

# comfort and peace of mind



**HeatMaster<sup>SS</sup>** has been providing safe, reliable and efficient heating solutions since 2001. With our manufacturing and distribution centre located in Manitoba, Canada – known for having one of the coldest climates in North America – we truly understand the needs of customers who are looking for cost-effective, high-energy wood furnaces at competitive prices.

When you buy from HeatMaster<sup>SS</sup>, you get comfort, efficiency and the most outdoor furnace for your dollar. Our attractively-designed products are constructed with durable Titanium-Enhanced 409 Stainless Steel and offer innovative features including our often imitated, never duplicated rocker grates and ash pan, optional secondary air injection and high efficiency multi-fuel design with which you will burn 20-30% less fuel.

# The greener, cleaner choice for home heating

Today, studies show that when burned properly, wood fires remain one of the most efficient and environmentally-sound ways to generate heat because it uses a renewable, abundant energy resource with zero net carbon contribution.

In addition to reducing carbon emissions, which are believed to contribute to the greenhouse effect, burning wood instead of pricey fossil fuels enables homeowners to dramatically lower their energy costs. With a wood furnace, you can live comfortably in your heated home, knowing that your carbon footprint is getting smaller while your spending budget is suddenly growing larger.

One of the best features of our furnaces is that they burn all-natural materials instead of non-renewable fossil fuels, meaning fewer harmful emissions are released into the environment. At HeatMaster<sup>SS</sup>, we don't just sell green - we live green. Aside from heating our own facility with an outdoor furnace, we are a member of several environmentally-aware associations, participate in an extensive recycling initiative and stay informed of the latest trends to help us build better, cleaner, greener products.

After consulting with one of our dealers, you'll be able to choose the right furnace to meet your needs. HeatMaster<sup>SS</sup> then offers prompt delivery, expert installation and will continue to provide the same standard of after-sales service throughout the life of each furnace. We thoroughly inspect and test every furnace before it leaves our plant and rest assured, we proudly stand behind the quality and efficiency of the products we make with our HeatMaster<sup>SS</sup> Lifetime Limited Warranty.

With all of the long-term benefits it provides, we believe an outdoor furnace from HeatMaster<sup>SS</sup> pays for itself within a few short years - giving you cozy warmth and year-round savings.

## The benefits of using a wood furnace

- 1. It's better for your wallet:** Reduces utility costs and virtually eliminates your heating bill.
- 2. It's better for your safety:** Heatmaster<sup>SS</sup> wood furnaces are equipped with all of the safety features you need to keep your family safe and warm.
- 3. It's better for meeting all your heating needs:** Can be used with most existing heating systems and has the ability to heat multiple buildings.
- 4. It's better for the environment:** Burns all-natural fuels which are a renewable energy source, are in abundant supply and are often inexpensive or free. It leaves no net carbon contribution when burned properly!

## Why is 409 stainless steel the best choice for wood furnaces?

When it comes to the selection of which steel to use in the manufacture of our furnaces we feel there is only one choice. 409 stainless steel provides the longest life coupled with the greatest cost effectiveness. Here are a few of its fine qualities:

### Heat Tolerance

Stainless steel can withstand continuous temperatures of 1400° F to 1600° F, twice as much heat as mild steel used in wood furnaces.

### Corrosion Resistance

Stainless Steel has chromium oxide film layered on to keep oxygen from penetrating and corroding the material (rusting). It resists creosote corrosion where mild steel will quickly rot from it.

### Heat Transfer

409 Stainless Steel has the best heat transfer capability of any stainless steel used in wood furnaces.

### Strength

409 Stainless Steel was designed and developed for high temperature situations like your furnace firebox.

### Thermal Expansion/Warping

409 Stainless Steel outperforms all other stainless steels used in wood furnaces having a very low expansion rate.

	Mild Steel	304 SS	409 SS
Corrosion Resistance	No	Yes	<b>Yes</b>
Heat Transfer	Good	Not Good	<b>Good</b>
Thermal Expansion	Low	High	<b>Low</b>
Continuous Temperature Tolerance	Low	High	<b>High</b>
Cost	Good	High	<b>Good</b>

# MF SERIES



The most popular design on the market, the HeatMaster<sup>SS</sup> MF Series provides quality workmanship and materials with a design built for performance and efficiency.

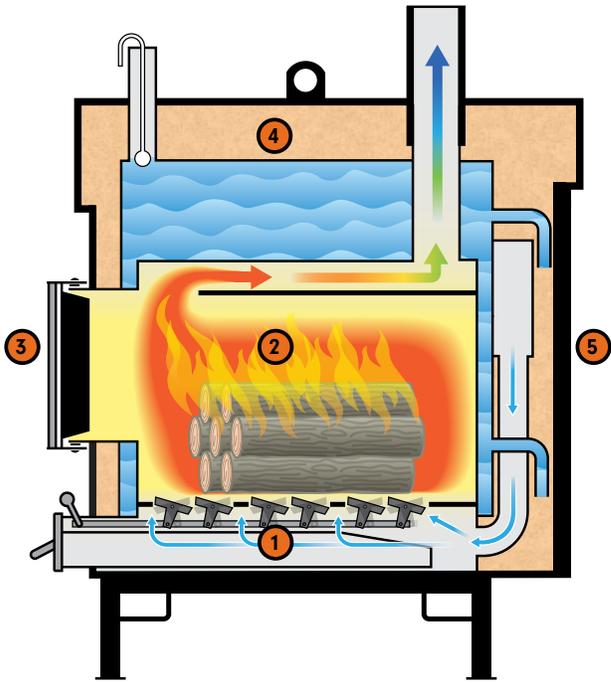
	MF-5000
Weight (lbs)	1400
Firebox	32" x 44"
Firebox Door	20" x 20"
Water Capacity (US Gallons)	150
Approximate BTU's	250,000
Dimensions (W" x L" x H")	50 x 72 x 84

# MF eSERIES

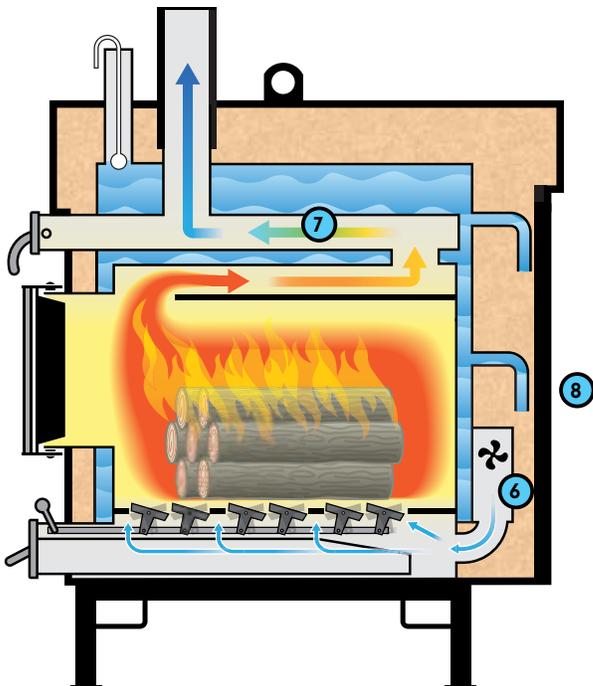
Our HeatMaster<sup>SS</sup> MF eSeries provides even greater efficiency with forced air injection and additional heat exchange pass.



	MF-5000e	MF-10000e	MF-20000e
Weight (lbs)	1500	2200	4000
Firebox	32" x 44"	42" x 56"	54" x 60"
Firebox Door	20" x 20"	24" x 24"	30" x 42"
Water Capacity (US Gallons)	130	265	555
Approximate BTU's	250,000	500,000	800,000
Dimensions (W" x L" x H")	50 x 72 x 84	66 x 84 x 96	82 x 96 x 110



MF Series and MF eSeries furnaces are approved for commercial use only in the United States.



Heatmaster<sup>SS</sup> MF Series furnaces work with almost any existing heating system and follow the HeatMaster<sup>SS</sup> standard with features including:

- **Stainless Steel**  
Durably constructed with Titanium-Enhanced 409 Stainless Steel to hold up longer than other steels against wear, tear and corrosion.
  - ① **Rocker Grates and Ash Pan**  
Our often imitated never duplicated easy-to-use design make cleaning quick and simple.
  - **Lifetime Warranty**  
We stand behind every furnace we sell with a Lifetime Limited Workmanship and Corrosion Warranty.
  - ② **Large Round Firebox**  
Our round fire box design allows for more efficient heat transfer and extra strength.
- Additional Features:**
- ③ **Safe Easy-To-Use Dual Firebox Door Latch** - Our carefully designed latch catches the door so it doesn't swing completely open and expose the user to excessive heat.
  - ④ **Heavy Duty Insulation**
  - ⑤ **Easy Access Rear Door**
    - Powder Coat Finish
    - CSA/UL Certified

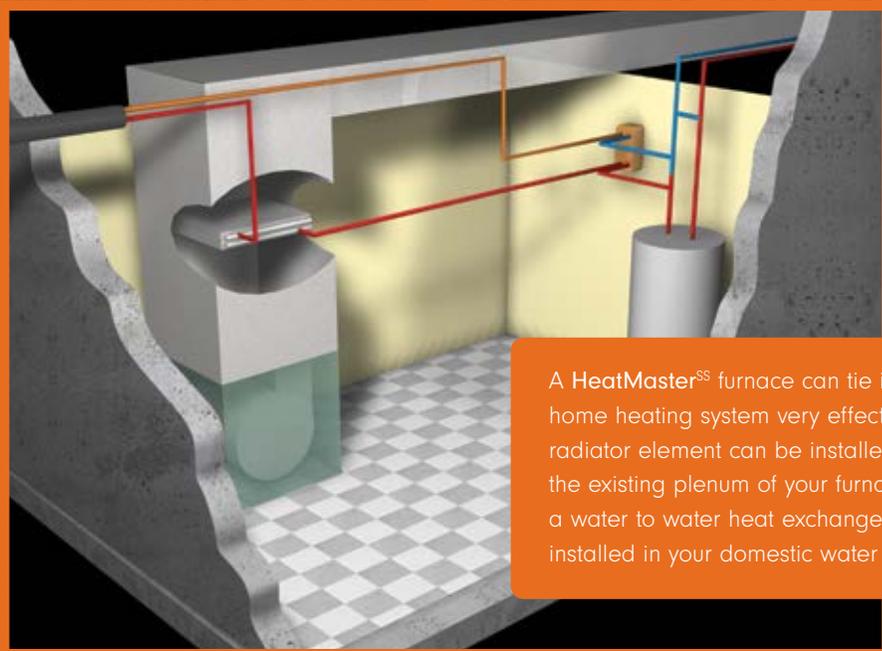
## The eSeries

Our eSeries furnaces not only maintain the same features as the standard series furnaces, they burn up to 20-30% less wood. Greater efficiency is achieved with the addition of the optional secondary air injection system and additional heat exchange pass.



- ⑥ **Optional Secondary Air Injection**  
A rear mounted blower fan injects air into the fire box via a primary and secondary air duct and damper system. The adjustable dampers allow for control of required air injected into the fire box according to fuel requirements.
- ⑦ **Additional Heat Exchange Pass**  
All eSeries furnaces are built with an additional heat exchange pass. This unique design forces heat to travel the length of the furnace three times to allow for maximum heat transfer, a slower burn and increased fuel efficiency.
- ⑧ **Easy-Access Hinged Rear Door**  
The easy-access insulated rear door is built with a unique hinge design which allows for easy access to the rear of the furnace and quick and easy removal of the door if required without the use of tools or hardware removal.

# how does it work?



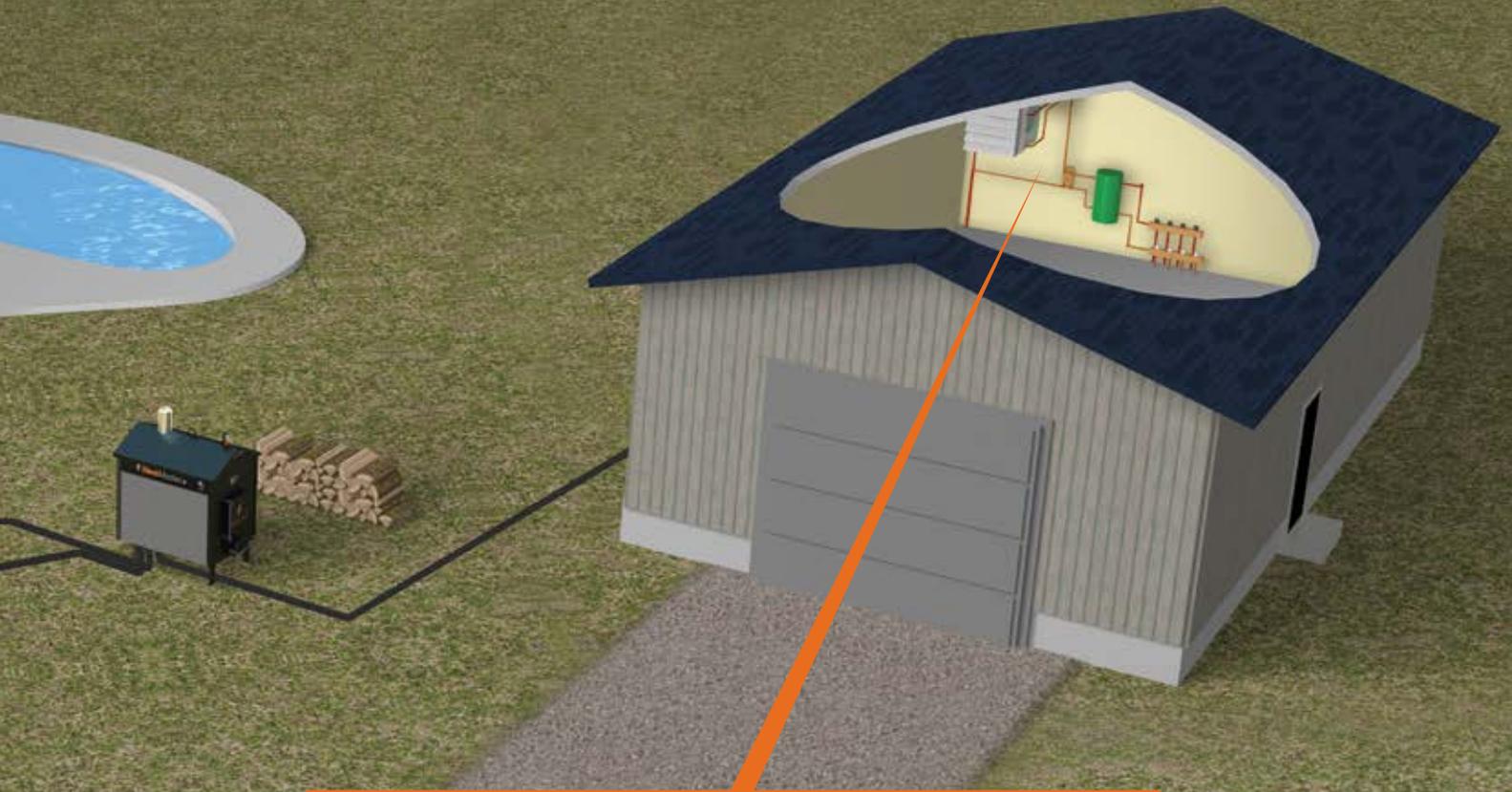
A HeatMaster<sup>SS</sup> furnace can tie into your home heating system very effectively. A radiator element can be installed into the existing plenum of your furnace and a water to water heat exchanger can be installed in your domestic water system.

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

### Did You Know?

In addition to supplying heat and hot water to the many traditional sources above, a HeatMaster<sup>SS</sup> furnace can also:

- Supply heat for clothes dryers or baseboard heaters
- Act as a snow-melt for driveways
- Provide an unlimited source of hot water
- Heat livestock structures such as dairy and hog barns



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



HeatMaster<sup>SS</sup> carries a full line of high quality parts for your furnace including pumps, fittings and heat exchangers. For more information on our parts or to arrange product installation please contact your local HeatMaster<sup>SS</sup> dealer.

**HeatMaster**<sup>SS</sup>

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