HEATMOR™

STAINLESS STEEL
Outdoor Furnaces

Furnaces shown in direct standard shipping configuration. Stack height may vary according to HPBA Best Burn Practices.

HEATMOR™

A renowned industry leader recognized for quality, innovative design and product guarantee.

Burning with wood is not a new concept. In fact, this old concept has gained popularity in many areas with plentiful wood supplies due to its *cost effectiveness*, *low impact on the environment* and the advent of *safe, convenient and long lasting stainless steel outdoor furnaces*.

Commitment to Quality

In 1984, Gerry Reed, President of HEATMOR™, made a commitment to build the best performing and longest lasting outdoor furnace on the market. In 1988, he began constructing HEATMOR™ furnaces with 10 gauge 409 stainless steel, the most corrosion resistant, durable material that could also be easily manufactured into an efficient and cost effective design. Today, HEATMOR™ is considered to be the strongest, most durable stainless steel outdoor furnace in the industry.

Through lab tested research, HEATMOR™ developed several unique safety and performance features.

- *EPA APPROVED*, Phase 2 (SSR2) emissions level (EPA Phase 1 & 2 level)
- *WATER-COOLED FIREBOX DOOR*, eliminates warpage and increases heat transfer to water.
- *OVER/UNDER FORCED AIR DRAFT*, for a more efficient burn than natural draft systems.
- *DOUBLE DOOR SYSTEM*, preheats air drawn into furnace and protects against unwanted access.
- *ASH AUGER SYSTEM*, easily accessible from the rear, for convenient ash removal.

HEATMOR™ stainless steel outdoor furnaces are easy to load, maintain, efficient to operate and available in a wide selection of attractive colors. Each furnace is specifically designed, lab tested and proven to outlast mild steel brands up to three times longer. So go ahead, explore why so many experience the quality of the finest stainless steel outdoor furnace in the industry.

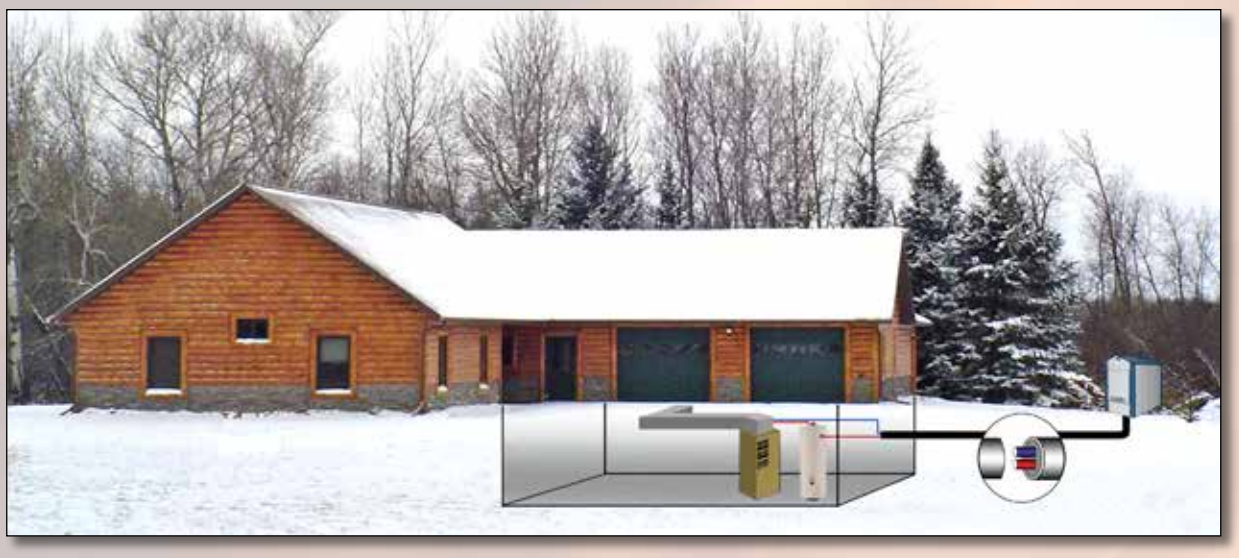
Safe for your Family, Home and the Environment

Until recently, heating with wood meant installing a wood stove or fireplace, splitting wood, hauling it into the home and the inconvenience of feeding the fire several times a day. In addition, you would have the risk of fire, the effect of smoke on respiratory and allergy conditions, and the constant mess of having wood in the home.

The benefits of having a HEATMOR™ outdoor furnace include:

- *LOWER or ELIMINATING* heating bills.
- *NO MESS* inside your home.
- *NO RISK OF FIRE* in your home from outdoor furnace.
- *NO WORRY* of carbon monoxide poisoning due to gas fumes.
- *NO INCONVENIENCE* of splitting and hauling wood into your home.

Heating with wood is generally considered to be more environmentally friendly than fossil fuels such as natural gas, oil, and coal. All plants absorb carbon dioxide and convert it to fiber as they grow. The carbon dioxide is released back into the air when they die, regardless of whether they are burned or left to decompose in the forest. Fossil fuels, on the other hand, have the effect of overloading the atmosphere with carbon dioxide since these fuels are taken out of the earth and therefore do not absorb carbon dioxide. Careful pruning and harvesting of overgrown forests not only provides fuel for outdoor wood furnaces, it promotes re-growth of healthy trees that can potentially absorb up to three times as much carbon dioxide as is released when wood burns. Best of all, heating with wood frees us from our dependence on volatile foreign oil markets. With fuel prices at an all time high, the choice to experience the quality of HEATMOR™ couldn't be easier.



Your Cost-Effective, Versatile Heating Choice.

You will experience considerable savings with your HEATMOR™ furnace. It is designed to work as easily with existing heating systems as well as new construction. *Heat your home, garage, work shop, greenhouse, pool or spa, domestic hot water or snow melt system.* The more heating needs you have, the greater the savings, because a HEATMOR™ system can add warmth to your life inside and out.

Your HEATMOR™ furnace operates on a simple principle. Burning wood inside the furnace heats water that is pumped underground to your home and/or other buildings. There it can be connected to your forced air furnace, boiler system, hot water heater, or heat exchanger to provide steady, comfortable and efficient heating.

Fuel Cost Comparison Chart

The cost of keeping your family warm has increased dramatically in the past few years, but the economic savings of burning alternative fuels can be astronomical. For instance, if you own a wood lot, your fuel costs will be processing only, possibly saving you thousands of dollars!

The amount of heat created or used is measured in BTU's. An average home uses 100,000,000 BTU's of total energy for heating per year. This includes 20 percent usage for the heating of domestic hot water. Based on this total consumption, the following amounts of fuel would be required to produce 100,000,000 BTU's.

By using the Cost Comparison Chart below and your previous heating bills you can determine heating costs and total cost savings.

Heating Method	BTU's Per Unit	Annual Requirements	Cost Per Unit	Total Annual Cost
Electricity	3,414 kilowatts/hr	29,300	$0.10	$2,930
Propane	91,500/gallon	1,092	$2.28	$2,490
Fuel Oil	138,690/gallon	721	$3.69	$2,660
Natural Gas	1,000/cubic ft	100,000	$0.013	$1,300

The above prices are in U.S. Funds. These are official energy statistics courtesy of U.S. Government as of 4-15-08. Adjust the price per unit to reflect current local costs. The above costs are not standard across the U.S. Actual cost savings may vary depending on efficiency of system. Savings above are based on the assumption you have obtained cord wood at no cost to you. Savings shown are not a guarantee of annual cost savings you can expect. Savings could be more or less due to the variability of cost or units of energy used over time.

Furnaces pictured reflect standard shipping configuration. Stack height may vary according to HPBA Best Burn Practices.

THE HEATMOR Model 200SSR II Furnace Features

Quality Features

1. *10 AND 11 GAUGE 409 STAINLESS STEEL* is used in all assemblies that come in contact with fire and water, protects against corrosion and warpage increasing the life of your furnace up to three times longer than mild steel. 11 GAUGE is used in the flue for the most effective, efficient heat transfer.
- *UNIQUE MODULAR DESIGN* allows individual assemblies to easily be removed and replaced.
2. *STAINLESS STEEL CHIMNEY* lasts longer than mild steel.
3. *WATER-COOLED FIREBOX DOOR*, exclusive to HEATMOR™, decreases warpage and increases heat transfer efficiency to water jacket.
- *SEMI-CLOSED LOOP SYSTEM* reduces evaporation.

* TOTAL OUTSIDE DIMENSIONS ** APPROXIMATE FIGURES WILL VARY DUE TO HOME AND CLIMATE CONDITIONS
Features and specifications are subject to change without notice.

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Safety Features

- *OMNI SAFETY* tested and approved.
- *OUTER DOOR LOCKS* prevent unwanted access.
- *OUR NON-PRESSURIZED SYSTEM* prevents pressure build-up in the water jacket and increases safety.
- *INSULATED OUTER DOORS* and *WATER-COOLED FIREBOX DOOR* provide cool surfaces for extra safety protection when loading wood.
- (10) *ANTI-ROLLOUT DEVICE* and *INNER DOOR SAFETY LATCH* reduce flashback when opening furnace door.
- *THE ATTRACTIVE INSULATED HOUSING* (R-19 Sides, R-38 Roof) protects electrical and plumbing components while providing cool surfaces for children or a passerby. Fiberglass insulation is non-flammable. (Unfaced insulation passes ASTM E 136 test for noncombustibility.)
- (12) *RELIEF VENT* utilizes a weighted rubber stop to prevent pressure build-up in water jacket and greatly reduces evaporation.

Performance Features

- (4) *OVER/UNDER FORCED AIR DRAFT*, increases efficiency of burn over natural draft systems.
- *THE DOUBLE DOOR DESIGN* provides preheated air to be drawn into the over/under forced air draft system increasing the efficiency of the burn.
- (5) *FIREBRICK LINED FIREBOX* allows for a hotter, more complete burn.
- (6) *ASH AUGER CHAMBER* and *CAST IRON GRATES* in the firebox provide efficient combustion that burns wood into a fine ash providing for easy ash removal.
- (7) *HIGH EFFICIENCY EXIT FLUE*, so you get the most heat from your wood.
- (8) *REAR ACCESS DOOR* for easy access of plumbing, maintenance and *AQUASTATS*. Aquastats are used to regulate the temperature of the water.
- (9) *BLADDER SYSTEM* reduces water loss.

Convenience Features

- Smoke, ash and wood mess is outside the home.
- *CAN USE UNSPLIT WOOD* up to 24" (ideal length 16”) (load wood front to back)
- *LONG BURN TIMES*, load no more than twice a day.
- (3) *LARGE WATER-COOLED FIREBOX DOOR* allows for easy loading.
- *WIRED* for easy electrical hook-up. (110V)
- *MULTIPLE HOOK UPS* allow you to heat more than one building/heating system from the same furnace including, your home, domestic hot water, swimming pool, hot tub, garage, workshop, greenhouse, or farm shop.
- (6) *ASH AUGER SYSTEM* provides for easy removal of ash from the rear of the furnace. No more shoveling out the front. No need to let fire burn out to remove ashes.
- (13) *EASY FRONT AND REAR ACCESS CHIMNEY FLUE*
- (15) *WATER LEVEL INDICATOR*
- (16) *WATER TEMPERATURE DISPLAY*

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Model 200SSRII

Since established in 1984, HEATMOR™ has prided itself in building the longest lasting, most durable stainless steel outdoor furnace in the industry. A renowned industry leader, HEATMOR™ is recognized for quality, innovative design and product guarantee.

The HEATMOR™ Response represents the culmination of over a year of research and development in the design of an outdoor furnace that meets the Heatmor exceptional standards of convenience, durability, and reliability, at the same time meeting the strict emission standard established by the US EPA OWHH Voluntary Program. What truly makes the Response stand out is the fact that it is designed and manufactured with the same tried and true methods that has made Heatmor a leader in the industry for over 25 years.

Using breakthrough technology, the HEATMOR™ Response and Response Model 200 SSRII uses all the same pieces and parts from our current stoves including a custom designed combustion system. Except we added a high efficiency flue to the 200 SSRII so you get the most heat from your wood. There is no catalytic converter, no hard to run downdraft system, it is simply our custom designed airflow combined with a high efficiency flue to give you the most clean burning, high efficiency stove while offering the customer solid assurance in a tried and tested quality product.

We are so confident that the HEATMOR™ 200 SSRII is the most efficient stove that we made the firebox smaller. You WILL burn less wood. We are also so confident in the quality design and construction of the Response models that we stand behind them with the Heatmor Limited Lifetime Warranty.

(Read more about the warranty in the Purchasing Pointers on pages 8 & 9.)

Furnace Specifications

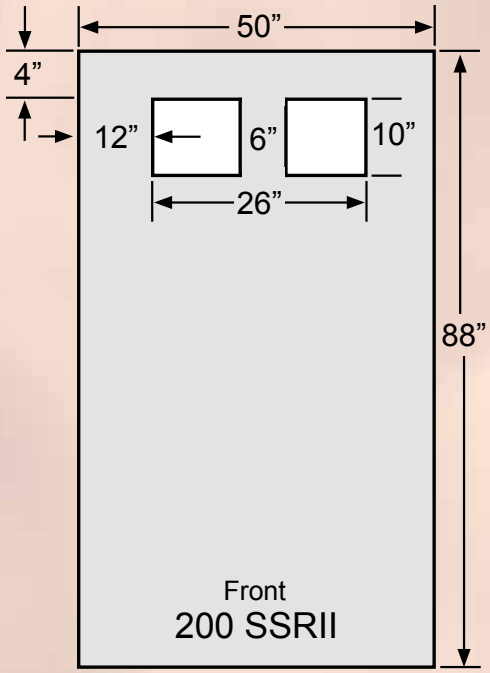
	200 SSRII
LIMITED WARRANTY	LIFETIME
WEIGHT (LBS)	2,105
HEIGHT*	82.5"
WIDTH*	50"
LENGTH*	95"
FORCED DRAFT (CFM)	150
CHIMNEY DIAMETER	8"
FIREBOX DIMENSIONS	24" DEPTH 24" WIDTH
HEATING AREA (SQ. FT)**	5,000
WATER CAPACITY (US Gallons)	377
FIREBOX DOOR (w x h)	20" X 18"

Pad Specifications

With the HEATMOR™ system, a concrete pad is required upon installation.

The furnace operates with an “open bottom” system. When installing the furnace, simply place the furnace on a concrete pad.

Model 200 SSRII



Pad thickness must be at least 4” but not to exceed 12”.
All measurements in inches.

EPA Hangtag Information

Phase 2 Hangtag

The HEATMOR™ 200 SSRII possesses the EPA Phase 2 hangtag. Phase 2 qualified models are cleaner and pollute less than those models that have not met the emissions level of .32MMBTU.


PHASE 2 QUALIFIED

U.S. Environmental Protection Agency
Hydronic Heater Program

Phase 2 Qualified models are cleaner and pollute less than those models that have not met this emission level. Exposure to smoke has been associated with respiratory illness and other health problems. Models that have lower smoke emissions may reduce your risk.

For more information go to www.epa.gov/woodheaters

HYDRONIC HEATERS
SMOKE EMISSIONS RANGE

Lower Emissions 0 — Higher Emissions 2.0

0.32 EPA PHASE 2 EMISSIONS LEVEL

0.18 THIS MODEL

Heaters with lower emissions produce less smoke when installed and operated properly.

MANUFACTURER:	Heatmor
MODEL NUMBER:	200SSRII
8-HOUR OUTPUT RATING:	66,842 BTU/HR
AVERAGE EFFICIENCY:	87.1% (using higher heating value) 99.9% (using lower heating value)
PARTICLE EMISSIONS:	3.7 GRAMS/HR (average) 11.9 GRAMS/HR (maximum test run) 0.16 LBS/MILLION BTU INPUT 0.18 LBS/MILLION BTU OUTPUT 0.07 GRAMS/HR/10,000 BTU OUTPUT

EPA has determined, based on testing by an accredited independent laboratory, that this model qualifies at the Phase 2 emissions level for U.S. EPA's Voluntary Program.

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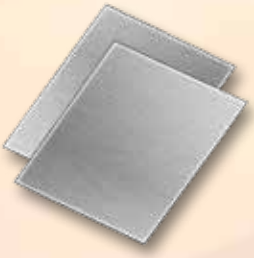
Purchasing Pointers

Since 1984, Heatmor™ has manufactured quality outdoor furnaces with several unique safety and performance features. Each feature of the Heatmor™ contributes to the exceptional product design and efficiency of the furnace. As you read, you too will understand why Heatmor™ has built the reputation for high quality, excellence and performance.

Stainless Steel

HEATMOR™ began producing outdoor furnaces using Type 409 Stainless Steel in 1994. All furnace components that come in contact with fire or water are manufactured using Type 409 Stainless Steel ("titanium enhanced"). The Heatmor Response™ is manufactured with 10 gauge stainless steel.



Prior to 1994, HEATMOR™ manufactured outdoor furnaces using carbon steel. HEATMOR™ chose to begin using Type 409 Stainless Steel due to its improved oxidation and corrosion resistance versus carbon steel. HEATMOR™ found that outdoor furnaces manufactured using Type 409 Stainless Steel would last approximately three times longer than furnaces manufactured using carbon steel.

According to 82 percent of our customers, stainless steel construction proved to be the number one reason why they purchased a HEATMOR™ outdoor furnace.*

Forced Air Combustion

The HEATMOR™ has an over/under Forced Air Draft system that blows air above and below the fire. Forced draft furnaces have better heat recovery ability when compared to naturally aspirated furnaces. Forcing air onto the fire in the right places will generate a hot fire faster than a natural draft system. Forced draft will also burn larger wood more efficiently.

The reason 52 percent of our customers purchased a HEATMOR™ outdoor furnace was the forced draft feature.*

Water Cooled Firedoor

Having water thermo-siphon through the HEATMOR™ fire door virtually eliminates door warpage, important in keeping an airtight system. Using a water-cooled door improves the efficiency of the furnace because it increases the heat transfer area used to pull heat from the fire.

Double Door Construction

The Double Door feature allows preheated air to be drawn into the over/under Forced Air Draft system, increasing the efficiency of the burn. The lockable outer front and back doors on the HEATMOR™ provide an important safety feature, keeping children and unwanted guests out of the furnace.

Open Bottom System

The lower nine inches of the firebox is lined with two-inch thick firebrick. There are several reasons for this.

During operation, the firebrick will achieve temperatures in excess of 800 degrees Fahrenheight. During the shutdown cycle, these hot bricks will evaporate condensation

The firebrick is placed in the most corrosive area of the firebox, below the ash line. Therefore, it is not necessary to scrape the corners and look for corrosion. The firebrick will retain heat during shutdown. This, along with the forced draft system will re-ignite the fire more quickly. The area lined with firebrick will achieve a higher temperature during the burn cycle to allow for a more complete burn.

Insulation

The HEATMOR™ is insulated with fiberglass bat insulation, the same as used in insulating homes. The sides of the HEATMOR™ are insulated with R-19 and the top with R-38. The insulation is non-flammable, easily accessible, long lasting and assists in the creation of a well-built efficient furnace.

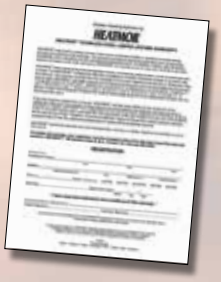
*Statistics according to Heatmor™ 2004 Customer Survey results. Customers were able to choose the top three reasons why they purchased a Heatmor™.

Furnaces pictured reflect standard shipping configuration. Stack height may vary according to HPBA Best Burn Practices.

Rapid Recovery Water Temperature

The HEATMOR™ water capacity and forced draft fan along with the sand and firebrick bottom make for quick water temperature recovery during normal operation. With a quick water temperature recovery, there is no need for large water capacity.

Warranty



Our Limited Lifetime Warranty which covers defects in **materials** as well as both **corrosion** and **workmanship** is by far one of the best in the industry. Because we have such great confidence in our product, we are able to offer you one of the most comprehensive warranties in the industry. HEATMOR™ is the only company in the industry who provides on site service to your unit. The key to researching warranties is reading the fine print. (Complete warranty details at www.heatmor.com.)

Firebrick

The HEATMOR™ is considered an open-bottom furnace. The bottom of the furnace is the most corrosive part of wood burning furnaces due to the collection of acidic ashes. In order to combat the corrosion issues in the bottom of furnace, HEATMOR™ utilizes sand surrounded by firebrick. The two-inch thick firebrick allows the fire to reach higher combustion temperatures in order to facilitate a more complete burn. Additionally, the mass of firebrick and sand allows for a heatsink which releases heat during the shutdown period of the burn cycle (when your furnace's water temperature is satisfied). The grates and ashpan are nestled in the sand to allow for easy ash removal without disturbing the burn.

Two-inch thick firebrick to assist in a more complete burn.

Non-Pressurized Expansion Bladder

The flexible bladder allows the HEATMOR™ waterjacket to be semi-closed, which will reduce evaporation and pressure build-up in the system during normal operation. When you add water to the system, you also add contaminants, increasing the chance of scaling and corrosion. The bladder is meant to increase the life of your furnace. For a detailed graphic, refer to pages three and four.

Safety Listed

Omni is a trusted source across the globe for safety product compliance. Omni tests to UL and CSA standards to ensure the highest consumer safety rating.

Removable Ash Auger

The ash auger is a tool used to remove ash from the rear of the HEATMOR™ furnace. This makes for a more convenient and easy ash removal. There is no need to let the fire burn out to remove the ashes nor any need to shovel the ashes out the front door. The ash auger is a removable tool, inserted only at the time of ash removal. Once completed, the ash auger is stored outside the furnace.

Almost 50 percent of HEATMOR™ customers mentioned the ash auger system as a reason they chose HEATMOR™.*

Emissions

The 200 SSRII meets the EPA voluntary program Phase 2 emissions level (EPA Phase 2 level) of .32 (lbs) of particulate matter per million BTUs of heat output. Always remember to comply with all applicable state and local codes, existing or pending legislation or state department rule making. For more information go to www.epa.gov/woodheaters/models.htm.

Choosing an outdoor furnace is a decision you should only have to make once. At HEATMOR™, we are dedicated to providing you, the customer, a high quality product that will provide your family with many years of consistent, economical and reliable heat.

RESPONSE

*Statistics according to Heatmor™ 2004 Customer Survey results. Customers were able to choose the top three reasons why they purchased a Heatmor™.

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Why Choose Heatmor

Since established in 1984, HEATMOR™ has prided itself in building the longest lasting, most durable stainless steel outdoor furnace in the industry. In doing this, we've found the most important part of selling our product is sharing the honest truth about each feature a HEATMOR™ has to offer.

The most important feature of the Heatmor is the construction of the furnace using 409 stainless steel. Because we've tested it time and time again, we can honestly tell you stainless steel has **proven** to last up to three times longer than mild steel.

For years, HEATMOR™ has been providing customers with the highest quality outdoor furnace available. Attaining this high level of quality has allowed us to support our product with a Limited Lifetime Warranty on every Heatmor model offered. With confidence, we are able to give you, the customer, solid protection on your investment by offering you the most comprehensive warranty in the industry.

We feel confident that we have the highest quality product, supported by the most comprehensive warranty on the market. Our hope is that you too realize that HEATMOR™ truly is "The Finest Outdoor Heating System."

Further educate yourself about our outdoor furnaces by reading the "Purchasing Pointers" on page 8-9.

Exceptional Warranty

At HEATMOR™ we believe that when you buy an outdoor wood furnace you are making an investment, not a purchase. That's why, since 1984, it has been our commitment to build the best performing and longest lasting furnace on the market. With the confidence we have in our product, we are able to give you, the customer, solid protection on your investment by offering one of the most comprehensive warranties in the industry. Our Limited Lifetime Warranty covers defects in materials, workmanship AND CORROSION, and the provisions are unconditional.

As long as you operate your furnace as provided in the operator's manual and warranty, you are covered. There are no special "conditions" or maintenance to be performed daily to keep your warranty in force.

Because a warranty is only as solid as the service behind it, **HEATMOR™ takes pride in an industry leading service organization that can service units anywhere.** We come to you to service your unit. HEATMOR™ is the only company in the industry who provides this dependable service. Study our warranty thoroughly. A HEATMOR™ Outdoor Furnace will be keeping your family warm for many years to come.

(Complete warranty details at www.heatmor.com)

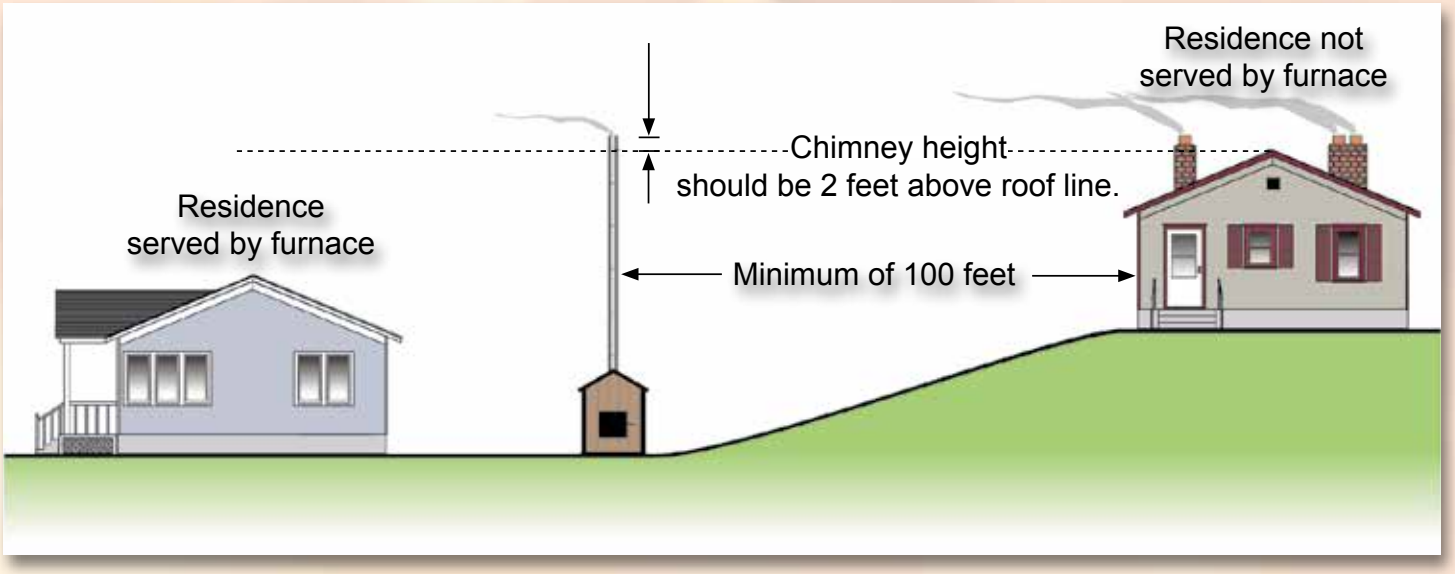
Dealer Network

To ensure the highest customer satisfaction, we have established a HEATMOR™ Authorized Dealer Network that spans across the United States and Canada. Even in the most remote locations - we have a dealer for you! Experience the quality of HEATMOR™ Stainless Steel Outdoor Furnaces by contacting one of our professionally trained and certified dealers. Your HEATMOR™ dealer will take the time and effort to carefully calculate your heating needs and properly size a furnace to your specifications. The dealer can also answer the many questions you may have when making this decision.

HEATMOR™
STAINLESS STEEL
Outdoor Furnaces

Outdoor Wood Furnace Best Burn Practices

1. Read and follow all operating instructions supplied by the manufacturer.
2. FUEL USED: Only those listed fuels recommended by the manufacturer of your unit. Never use the following: trash, plastics, gasoline, rubber, naphtha, household garbage, material treated with petroleum products (particle board, railroad ties and pressure treated wood), leaves, paper products, and cardboard
3. LOADING FUEL: For a more efficient burn, pay careful attention to loading times and amounts. Follow the manufacturer's written instructions for recommended loading times and amounts.
4. STARTERS: Do not use lighter fluids, gasoline, or chemicals.
5. LOCATION: It is recommended that the unit be located with due consideration to the prevailing wind direction.
    - Furnace should be located no less than 100 feet from any residence not served by the furnace.
    - If located within 100 feet to 300 feet to any residence not served by the furnace, it is recommended that the stack be at least 2 feet higher than the peak of that residence.
6. Always remember to comply with all applicable state and local codes.



HPBA
Hearth, Patio & Barbecue Association

Outdoor Furnace Manufacturers Caucus

HEATMOR™

An Honest Company Manufacturing a Quality Product

HEATMOR™ is located in Warroad, MN on the beautiful shores of Lake of the Woods. Our 40,000 square foot facility houses top quality manufacturing equipment to produce the longest lasting, most durable stainless steel outdoor furnaces in the industry.

The mission of HEATMOR™ is to honestly manufacture and market a quality product at a fair price. This provides our customers with assurance, they are receiving the longest lasting, most durable stainless steel outdoor furnace in the industry.

Our philosophy at HEATMOR™ is not to be the biggest, but to only produce the best. Manufacturing outdoor furnaces has taught us the importance of producing a problem-free product for our customers. Our on-site 8,000 square foot research and development facility is dedicated to improving our product design, materials and workmanship whenever necessary.

We have a distributor/dealer network that spans across the United States and Canada. No matter where you live, we have a dealer to serve you.

Manufactured By:

HEATMOR

105 Industrial Pk. Ct. NE, PO Box 787
Warroad, MN 56763
www.heatmor.com

Your Local Dealer:

MADE IN USA

8/12