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

In 1984, Gerry Reed, President of HEATMORTM, made a commitment to build the best performing and longest lasting outdoor furnace on the market. In 1988, he began constructing HEATMORTM 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, HEATMORTM is considered to be the strongest, most durable stainless steel outdoor furnace in the industry.

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

- **BURN POT**
  Has no need for an agitator; its unique design allows for clean, efficient combustion with no moving parts.

- **INSULATED FIREBOX DOOR**
  Eliminates warpage and provides a cool surface when accessing the firebox.

- **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 DOOR/PAN**
  Combined under the firebox for convenient ash removal.

HEATMORTM 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.

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 HEATMORTM 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.
- **CONVENIENCE** of automatic feed of wood pellets.

Heating with wood pellets 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, as long as wood trees are not cut down at an all time high, the choice to experience the quality of HEATMORTM couldn’t be easier.

You will experience considerable savings with your HEATMORTM 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 HEATMORTM system can add warmth to your life inside and out.

Your HEATMORTM furnace operates on a simple principle. Burning wood pellets 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.

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.

<table>
<thead>
<tr>
<th>Heating Method</th>
<th>BTU’s Per Unit</th>
<th>Annual Requirements</th>
<th>Cost Per Unit</th>
<th>Total Annual Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electricity</td>
<td>3,414 kilowatts/hr</td>
<td>36,614</td>
<td>$0.127</td>
<td>$4,650</td>
</tr>
<tr>
<td>Propane</td>
<td>91,500/gallon</td>
<td>1,366</td>
<td>$2.50</td>
<td>$3,415</td>
</tr>
<tr>
<td>Fuel Oil</td>
<td>138,690/gallon</td>
<td>901</td>
<td>$3.98</td>
<td>$3,586</td>
</tr>
<tr>
<td>Heatmor Pellet</td>
<td>342,000/bag</td>
<td>365</td>
<td>$4.75</td>
<td>$1,734</td>
</tr>
</tbody>
</table>

The above prices are in U.S. Funds. Adjust the price per unit to reflect current local costs. These prices were created assuming 80% efficiency of the system. The above costs are not intended across the U.S. Actual cost savings may vary depending on efficiency of system. Please check the local prices for premium wood pellets to compare. Savings shown are not a guarantee of annual cost savings you can expect. Savings could be more or less than the variability of cost or units of energy used over time.
Quality Features

1. **10 AND 14 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. 14 GAUGE is used in the flue for the most effective, efficient heat transfer.

2. **UNIQUE MODULAR DESIGN** allows individual assemblies to easily be removed and replaced.

3. **STAINLESS STEEL CHIMNEY** lasts longer than mild steel.

4. **INSULATED FIREBOX DOOR**, provides a cool surface for extra safety protection when accessing the firebox.

5. **SEMI-CLOSED LOOP SYSTEM** reduces evaporation.

Safety Features

- **OUTER DOOR LOCKS** prevent unwanted access.
- **OUR NON-PRESSURIZED SYSTEM** prevents pressure build-up in the water jacket and increases safety.
- **INSULATED OUTER AND INNER FIREBOX DOOR** provide cool surfaces for extra safety protection when accessing the firebox.
- **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.)
- **RELIEF VENT** utilizes a weighted rubber stop to prevent pressure build-up in water jacket and greatly reduces evaporation.
- **FLAME SENSOR** will not feed pellets into the burn pot if there is no fire; this provides you peace of mind for the safety of your unit.

Performance Features

- **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.
- **CERATUBE IN THE FIREBOX** allows for a hotter, more complete burn.
- **ASH DOOR/PAN** combined under the firebox provides for easy ash removal.
- **INTERNAL HOPPER** so you can store your pellets away from the elements.
- **HIGH EFFICIENCY EXIT FLUE**, so you get the most heat from your wood.
- **REAR ACCESS DOOR** for easy access of plumbing, maintenance and AQUASTATS. Aquastats are used to regulate the temperature of the water.
- **BLADDER SYSTEM** reduces water loss.
- **BURN POT** has no need for an agitator; its unique design allows for clean, efficient combustion.

Convenience Features

- **Smoke, ash and wood mess is outside the home.**
- **LONG BURN TIMES**, load pellets in internal hopper no more than twice a day.
- **EXTERNAL HOPPER HOOK UP** allows for the option of larger hoppers.
- **ELECTRONIC IGNITION**, at the flip of a switch you can light your unit without opening the firedoor.
- **ASH DOOR/PAN** provides for easy removal of ash. No need for an external ashpan. No need to let fire burn out to remove ashes.
- **EASY FRONT AND SIDE ACCESS** CHIMNEY FLUE
- **WATER TEMPERATURE DISPLAY**
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® 200 SSP Pellet Burner 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.

Using breakthrough technology, the HEATMOR® Model 200 SSP has no agitator in the combustion burn pot and will burn either hardwood or softwood pellets. The Model 200 SSP has a custom high efficiency flue so you get the most heat from your wood pellets. There is no catalytic converter, no hard to run downdraft system, it is simply our custom designed airflow and burn pot combined with a high efficiency flue to give you the most clean burning, high efficiency stove while offering the customer solid assurance in an all stainless steel quality product.

We are also so confident in the quality design and construction of the 200 SSP model that we stand behind it with the Heatmor Limited Lifetime Warranty. (Read more about the warranty in the Purchasing Pointers on pages 8 & 9.)

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### Exceptional Warranty

At HEATMOR® we believe that when you buy an outdoor wood pellet 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 and Page 10)

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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.

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### Furnace Specifications

<table>
<thead>
<tr>
<th>200 SSP</th>
<th>LIMITED WARRANTY</th>
<th>WEIGHT (lbs)</th>
<th>HBGTP</th>
<th>WIDTH*</th>
<th>LENGTH*</th>
<th>FORCED DRAFT (cfm)</th>
<th>CHIMNEY DIAMETER</th>
<th>FIREBOX DIMENSIONS (w x d x h)</th>
<th>HEATING AREA (sq. ft)**</th>
<th>WATER CAPACITY (US Gallons)</th>
<th>FIREBOX DOOR (diameter)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LIFETIME</td>
<td>1,196</td>
<td>68.25*</td>
<td>38”</td>
<td>77”</td>
<td>75</td>
<td>8”</td>
<td>20” x 20” x 12”</td>
<td>5,000</td>
<td>110</td>
<td>13.5”</td>
</tr>
</tbody>
</table>

---

### Why Choose Heatmor

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 pages 8 & 9.

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### 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. 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.

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### Pad Specifications

With the HEATMOR® system, a concrete pad is required upon installation. When installing the furnace, simply place the furnace on a concrete pad.

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*Total Outside Dimensions **Approximate Furnace will need to be made larger to suit your needs

Furnaces pictured in their standard shipping configuration. Stove height may vary according to NPS. Best from Freedom.
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. HEATMOR™ chose to begin using Type 409 Stainless Steel due to its improved oxidation and corrosion resistance versus Type 430 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™ 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.*

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 are also adding 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 four and five.

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 and Page 10)

Internal Hopper
The internal hopper holds 3.8 bags of pellets which is roughly 80,000BTU’s for 12 hours. You can burn either softwood or hardwood pellets; we suggest buying premium pellets for less ash and better overall efficiency and emissions. The internal hopper allows you to store your pellets away from the elements.

External Hopper Hook-up
You can easily add an external hopper to your unit. The external hopper hook up is on every unit so that you can add a large external hopper for a large amount of pellet storage. You can take advantage of buying your wood pellets in bulk and save even more money.

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.

Internal Hopper

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.

Custom Burn Pot
The all new custom burn pot is 7 gauge stainless steel and has no moving parts. There is less maintenance issues with no moving parts and the pot is designed in such a way that the airflow to the pellets provides the most clean and efficient combustion. The pot will naturally force the pellets out of the combustion chamber and into the ash pan below when they are completely burned.

Each unit comes with a manual ignition; at the flip of a switch you can light your unit without opening the firedoor.

Each unit also comes with a flame sensor switch; the flame sensor switch provides you with peace of mind for the safety of your unit.

Removing Ash Auger
The ash door/pot combination is under the firebox for 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 fire door. The ash pan is a removable tool, attached to the ash door so that ashes automatically drop into it. Once you remove the ashes the pan is once again stored under the firebox for convenience.

Insulated Firedoor
Having an insulated fire door virtually eliminates door warpage, important in keeping an airtight system. Using a small insulated door provides a cool surface for extra safety protection when accessing the firebox.

External Hopper Hook-up

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 are also adding 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 four and five.

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

**Customers unable to choose the top three reasons why they purchased a Heatmor™. 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.

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.
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, naphtha, 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.
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:

Contact your local dealer to experience the quality of HEATMOR™ Stainless Steel Outdoor Furnaces.

YOUR LOCAL DEALER:
BestWayWoodHeat.com
Bruce or Terry Markham
207-685-3900