



P SERIES



Ultra-Efficient Wood Pellet Furnace

HeatMaster^{ss} Pellet Boiler: Redefining Automated Excellence

Tired of cutting, splitting and loading wood? Don't have time for operating and maintaining a boiler but appreciate the self-reliance and freedom of heating with wood? Do you love the warmth and convenience of your pellet stove but want to heat the whole house and avoid the mess? We've got a solution for you! Designed with precision engineering and powered by state-of-the-art automation, the HeatMaster^{ss} P Series offers all of the benefits of wood heat in one affordable, efficient and convenient system.



Energy Independence without the Hassle

No monthly heating bill and minimal maintenance. Enjoy constant heat while your P Series boiler does all the work.



Built to Last

Built in the frozen north of Manitoba Canada, the P Series is designed for the most extreme weather conditions. Enjoy true peace of mind with our Titanium 409 Stainless Steel construction and Lifetime Limited Warranty, all backed by a North American network of trained dealers and installers.



Easy to use

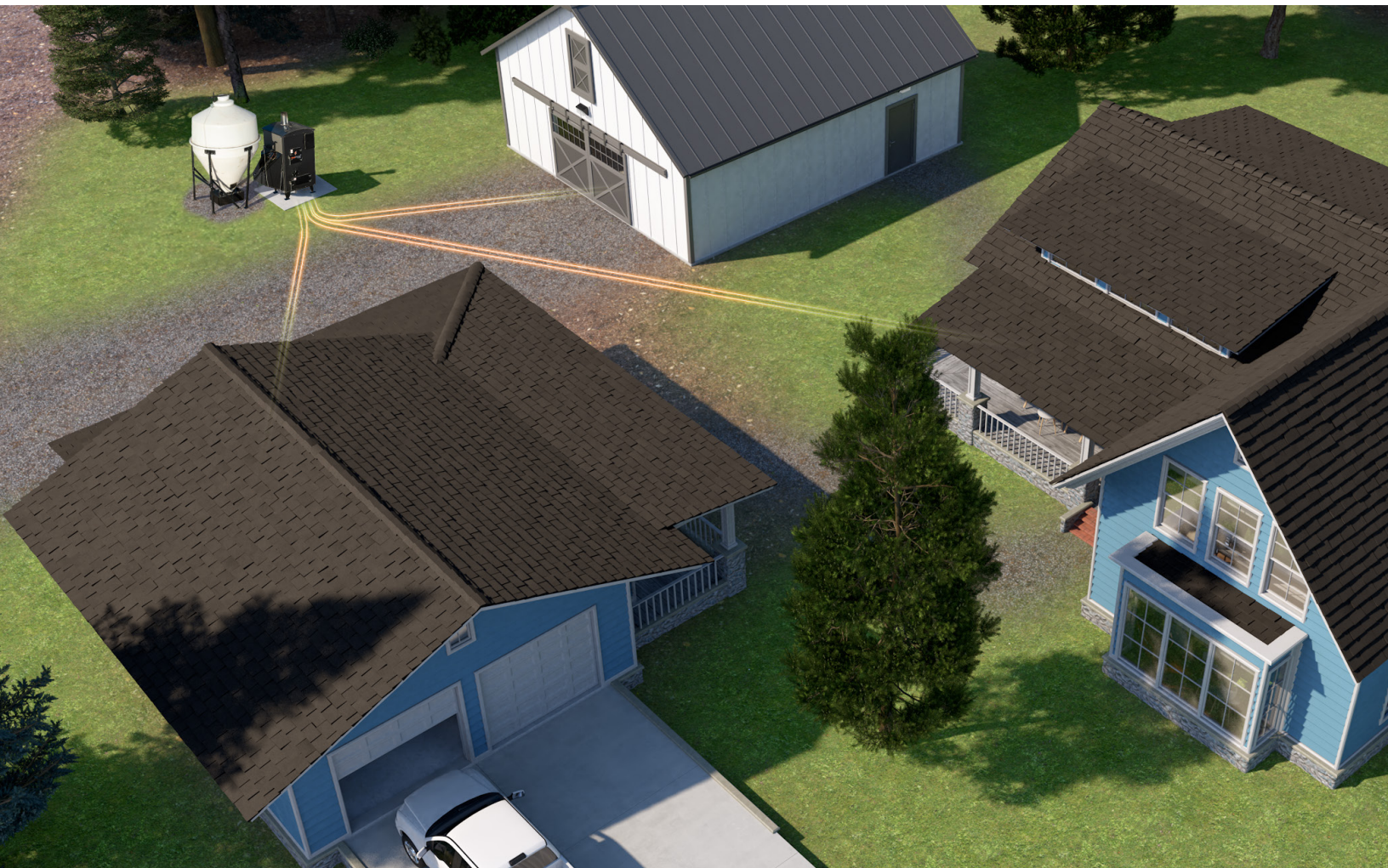
HeatMaster^{ss} furnaces are designed for simplicity and ease of use; they just work. With our outdoor boiler you don't have to worry about smoke or wood mess in the house, just reliable heat for your home, garage, shop, and domestic hot water.

A HeatMaster^{ss} Boiler that Combines Adaptability + Automation

A HeatMaster^{ss} pellet boiler provides a comprehensive heating solution for diverse structures, ensuring warmth across residences, garages, and workshops. Beyond space heating, it effortlessly caters to domestic hot water, pool, and hot tub heating needs.

Our design features a 320 lb capacity bin, but we've taken an additional step with you in mind. Our innovative design allows the P series to seamlessly connect to a hopper bottom bin, unlocking the ultimate outdoor boiler automated fuel management system. This eliminates the need for manual loading typically associated with traditional furnaces. The P series efficiently manages the pellet supply, providing consistent heating with minimal hands-on fuel management.

This advanced automation not only enhances overall convenience, but also ensures ease of operation while allowing users to enjoy a comfortable heated environment. The HeatMaster^{ss} pellet furnace stands out as a benchmark for user-friendliness, efficiency, and easy integration with various home heating systems.



Features

Features developed with you in mind...

Experience unmatched convenience with a HeatMaster^{ss} Pellet Furnace: Continuous operation, minimal fuel refills, endless warmth and effortless maintenance.



1 Auto Ignition

The control system monitors oxygen levels and senses when to fire the auto igniter to keep your furnace running efficiently and effortlessly.

2 Ultra-Efficient Heat Exchanger

Dual sets of vertical heat exchange tubes with spiral turbulators transfer the maximum amount of heat to your water, ensuring every available BTU is used to heat your home or building(s).

3 Easy Maintenance

By using the EZ Clean tool and benefiting from the minimal ash produced during burning, your Heat Exchange tubes will stay clean. This will help maintain optimal efficiency and performance.

4 Expanded Heat Storage Capacity

The built-in recirculation pump helps store the maximum amount of heat in the water jacket by keeping the water temperature consistent from top to bottom.

Stainless Steel

Unlike other brands, HeatMaster^{ss} engineers have ensured all components that interact with water or extreme heat are made of 409 Stainless Steel.



5 Cutting Edge Spray Foam Insulation

The insulation value is increased by 50% or more by surrounding the tank with seamless, durable and waterproof closed cell spray foam insulation.

6 Cruise Control for Your Boiler

The actuator motor continuously adjusts the air damper to maintain optimal fuel - to - air ratios for the cleanest, most efficient burn.

7 Lifetime Limited Warranty

Our in-house team of expert engineers design every aspect of our furnaces to achieve maximum performance and longevity in real world applications. That is why we offer our industry leading Lifetime Limited Warranty.

How it Works

A Pellet Feeding

An auger transports the wood pellets from the fuel hopper to the burn pot. When additional fuel is required in the combustion chamber, the auger motor is activated to feed pellets into the drop tube to deliver them into the burn pot at a predetermined speed. This continuous supply of pellets ensures a consistent and uninterrupted feed during boiler operation, facilitating an efficient and reliable heating process. The automated mechanism streamlines the pellet delivery system, optimizing the performance of the boiler and providing a convenient and dependable heating solution.

B Combustion

Burning pellets in the combustion chamber initiates the release of combustible gases in a low-oxygen, high-temperature environment. The gas generated within the burn pot is combined with a precise amount of fresh air as it enters the upper burn chamber. This “secondary burn” creates extremely high temperatures resulting in much more efficient combustion while dramatically reducing emissions.

C Heat Transfer

The hot exhaust from the burn chamber travels through two series of stainless steel vertical heat exchange tubes. Each tube has a spiral turbulator which slows down the exhaust, increases contact with the outside of the tubes and forces more heat into the surrounding water. This design ensures optimal heat exchange, allowing for the extraction of maximum thermal energy from the combustion process. The EZ Clean tool is used to raise and lower the spiral turbulators, keeping the tubes clear of ash and creosote.

D Automation

The P Series uses proven technology and intuitive automation to simplify the heating process. By eliminating the need to feed the fuel, make control adjustments and perform time consuming maintenance, the P Series saves you time, effort and money. You just set it and forget it!



P-Series



Approx. Heating Space*	7,000 sq ft
Max Heat Output	250,000 BTU/hr
Water Capacity (US gallons)	125 gallons
Bin Hopper Capacity	320 LBS
Weight	1600 LBS
Outlets	1 set 1", 1 set 1.5"
Power Supply	120V 1PH 60 HZ
Running Load	2.5 Amps
Chimney Size	6"
Dimensions** (L x W x H)	49" x 67" x 83"

P7000

* Well-Insulated House
** Height is to the top of the lift hook

Rhinoflex Pipe

Make sure all your heat is delivered right where you need it for as long as you own your boiler. Rhinoflex pipe is the most efficient, rugged, pre-insulated pipe on the market while being economical and easier to install.



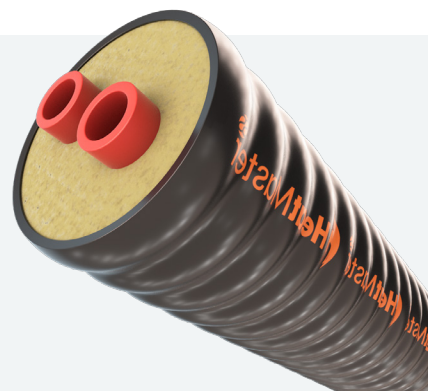
Highest Efficiency



Long Lasting



Easy to Install



Frequently Asked Questions

Who is it for?

Residential and small commercial customers who:

- May have limited or no access to cord wood
- Want an alternative to fossil fuels
- Don't like the time, effort and mess with burning cordwood
- Love their pellet stove but want to heat their whole house

What fuel does it require?

For peak performance and longevity, use Grade "A" premium wood pellets exclusively in the pellet boiler. They offer a consistent, high-quality fuel source, reducing the risk of issues and improving combustion efficiency, resulting in a more environmentally friendly and cost-effective operation.

What is the P7000 bin capacity?

The bin has a capacity of 320 lbs, accommodating up to 8 - 40 LB. bags of pellets. Burn times will depend on the area being heated, quality of insulation and local weather conditions. Longer burn times can be achieved with the seamless addition of a hopper bottom storage bin.

Can I install it myself?

Installation should be performed by a qualified installer or under the supervision of a qualified installer and must comply with all requirements of your local agency with jurisdiction.

How does the boiler tie into my heating system?

You may require a water-to-water or water-to-air heat exchanger to transfer heat from the boiler water to your home system. A P Series boiler can tie into almost any system. Ask your dealer about the HeatMaster^{ss} Application Manual.

Can I install the P7000 indoors?

The P Series boiler is CSA approved and UL Listed for both indoor and outdoor applications. With an indoor installation you will need to install a double wall insulated stainless steel chimney, available from your local HeatMaster^{ss} dealer.

What are the regular maintenance requirements for a Pellet boiler?

Basic maintenance requires only a few simple steps.

Every three or four days:

- a) Use the supplied tool to vigorously shake the grate in the combustion chamber.
- b) Use the tool to shake the spiral turbulators in the heat exchange tubes.

Weekly or as required:

- a) Remove the ash from the combustion chamber. Regular maintenance helps prevent the accumulation of ash and promotes better airflow, ensuring consistent and effective combustion in the system.

Annually or End of Heating Season:

- a) Remove ash and creosote from the firebox, lower chamber, heat exchange tubes and chimney
- b) Inspect all seals & gaskets
- c) Inspect and clean igniter
- d) Cover the chimney and leave the bottom door cracked open.
- e) Ensure water tank is full.
- f) **Submit annual water sample.** (May also be done in fall at startup. Refer to the owner's manual for more details)





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You've Got Options!

HeatMaster^{ss} Financing gives you even more flexibility when upgrading to a new pellet boiler. Get the model you want with the terms and payment plan that works best for your budget.

Three Easy Ways to Apply

- 1) Mobile Loan App
- 2) Loan by Phone - 888.364.0377
- 3) Online Loan Application - application.enerbank.com

Program Phone Number: 888.364.0377

Dealer ID: _____

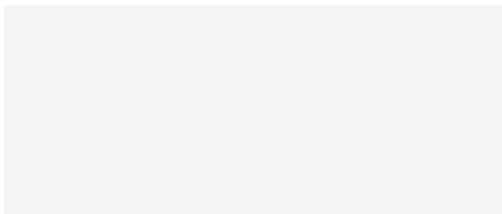
Loan Code: _____

Contact your local dealer for details.

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Your Authorized
HeatMaster^{ss} Dealer



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