GENERAL

warnock hersey wood stove

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The Warnock Hershey wood stove has become a favorite among homeowners who seek a blend of classic design, reliable performance, and sustainable heating. Whether you're a seasoned wood burning enthusiast or a first time user, this guide will walk you through everything you need to know—from the stove's history and core features to installation tips, maintenance routines, and troubleshooting advice.

What Is the Warnock Hershey Wood Stove?

The Warnock Hershey is a high efficiency, EPA certified wood stove that delivers powerful heat while minimizing emissions. Its sleek, industrial look makes it suitable for modern kitchens, rustic cabins, and cozy living rooms alike. The stove's advanced combustion technology allows it to extract more heat from each log, reducing the amount of wood you need to keep your home warm.

History and Legacy of Warnock

Warnock was founded in the early 1970s by a group of engineers who shared a vision: create wood stoves that were not only efficient but also safe and environmentally responsible. Over the decades, the company earned a reputation for pioneering design and rigorous testing, earning multiple industry awards for energy efficiency and low emissions.

The Hershey model, introduced in 2010, reflects Warnock's commitment to innovation. It was the first wood stove to combine a low emission combustion chamber with a stainless steel firebox, providing both durability and a cleaner burn.

Key Features of the Hershey Model

- High Efficiency: Up to 80% thermal efficiency, meaning more heat per log.
- Low Emissions: EPA certified, producing minimal smoke and particulate matter.
- Sturdy Construction: Stainless steel firebox and cast iron exterior resist corrosion and wear.
- Elegant Design: Clean lines, adjustable glass panel, and a choice of finishes.
- Easy Operation: One hand ignition, adjustable air controls, and a built in ash pan.

Design and Aesthetics

The Hershey's design philosophy centers on simplicity and versatility. Its matte finish blends with both contemporary and traditional décor, while the adjustable glass panel allows you to control the heat output and enjoy the mesmerizing glow of the fire.

Performance and Efficiency

Thanks to its advanced combustion chamber, the stove achieves high thermal output without compromising safety. The efficient airflow system ensures that air is introduced at the right point in the combustion cycle, maximizing heat extraction and reducing the production of harmful gases.

Safety Features

Warnock has equipped the Hershey with several safety mechanisms:

- Automatic shut off if the stove temperature exceeds safe limits.
- Heat resistant glass that withstands temperatures up to 1,500 /°F.
- Ventilation control to prevent backdrafts and maintain proper draft.

Installation and Maintenance

One of the biggest selling points of the Hershey is its relatively straightforward installation process, especially when paired with a properly sized chimney. The stove also features a removable ash pan for quick cleanup, and its components are designed for easy access during routine maintenance.

Why Choose a Warnock Hershey Wood Stove?

Choosing the right wood stove can transform your heating experience. The Warnock Hershey stands out for several reasons:

Energy Efficiency and Cost Savings

With an 80% efficiency rating, you'll burn fewer logs to keep your home warm. Over time, this translates into noticeable savings on fuel costs, especially in regions where wood is a primary heating source.

Environmental Impact

Because the stove burns wood more completely, it releases less particulate matter and carbon monoxide. This makes it a greener choice compared to older, less efficient models.

Durability and Build Quality

Warnock uses premium materials that can withstand the high temperatures and corrosive environment inside a wood stove. The stainless steel firebox resists rust, while the cast iron outer shell offers excellent heat retention.

Customer Support and Warranty

Warnock backs the Hershey with a comprehensive warranty covering manufacturing defects for 10 years. Their customer support team provides detailed installation guides, troubleshooting tips, and access to certified technicians.

How to Install a Warnock Hershey Wood Stove

Proper installation is crucial for safety, performance, and longevity. Below is a step by step guide that covers everything from the initial site assessment to the final safety checks.

Pre Installation Checklist

1. Verify that the stove's size matches your heating needs.
2. Check local building codes for wood stove installation requirements.
3. Ensure you have a suitable chimney or venting system.
4. Gather necessary tools: drill, saw, level, measuring tape, and a safety harness if working at height.

Choosing the Right Location

The stove should be placed at least 3 feet away from any combustible material, such as curtains or wooden beams. Position it so that the chimney is centered and free of obstructions. A level floor is essential to prevent uneven heat distribution and potential structural stress.

Ventilation and Chimney Requirements

The Hershey requires a venting system that meets the manufacturer's specifications. Typically, a 4 inch diameter,

30 foot chimney with a stainless steel liner is recommended. Make sure the chimney is properly sealed to avoid backdrafts and draft loss.

Installation Steps

1. Mark the Chimney Opening: Use a pencil to mark where the stove will connect to the chimney. Verify that the opening is level.
2. Cut the Opening: Carefully cut the wall or floor to accommodate the stove's base. Use a reciprocating saw for precision.
3. Install the Chimney: Secure the chimney to the wall or floor with stainless steel brackets. Ensure the chimney is vertical and free of gaps.
4. Position the Stove: Place the stove on the floor, aligning the base with the chimney opening. Use a spirit level to confirm it's perfectly level.
5. Secure the Stove: Fasten the stove to the floor with steel screws or brackets, following the manufacturer's guidelines.
6. Connect the Chimney: Attach the chimney to the stove's venting flange, using a stainless steel gasket and sealant to prevent leaks.
7. Install the Glass Panel: Slide the glass panel into its housing and secure it with the provided screws.
8. Check the Air Inlets: Adjust the air controls to ensure proper draft.

Post Installation Safety Checks

- Test the stove with a small log to ensure it ignites and produces adequate heat.
- Check for any smoke or odors that may indicate a ventilation issue.
- Verify that all safety mechanisms, such as the automatic shut off, function correctly.
- Document the installation details for future maintenance reference.

Maintenance Tips for Longevity

Regular maintenance not only keeps your stove safe but also ensures it continues to operate at peak efficiency. Below are essential maintenance tasks to keep in mind throughout the stove's life.

Seasonal Cleaning

- Remove the ash pan after every use to prevent ash buildup.
- Clean the glass panel with a non abrasive glass cleaner to keep the view clear.
- Inspect the chimney for soot and creosote; clean as needed.

Regular Inspection

Every month, inspect the stove's exterior for signs of wear, rust, or cracks. Check the firebox and chimney for any blockages or leaks. Small problems addressed early can prevent costly repairs later.

Professional Service

Schedule a professional inspection at least once a year, preferably before the heating season begins. A certified technician can perform a comprehensive check of the combustion chamber, venting system, and safety controls.

Stove Accessories

- Use a high quality firewood that is properly seasoned to reduce creosote buildup.
- Consider installing a chimney cap to prevent rain, birds, and debris from entering the vent.
- Keep a fire extinguisher nearby in case of emergencies.

Common Issues and Troubleshooting

Even the most reliable stoves can encounter occasional hiccups. Below is a quick reference guide to help you diagnose and resolve common problems.

Low Heat Output

Causes: Inadequate airflow, blocked vent, or low quality wood.

Solution: Adjust the air controls for better draft, clear any obstructions in the chimney, and use seasoned hardwood.

Smoke Problems

Causes: Improper air balance, moisture in wood, or a blocked chimney.

Solution: Ensure the air vents are properly adjusted, dry the wood before use, and inspect the chimney for blockages.

Stove Not Igniting

Causes: Incorrect air settings, faulty igniter, or insufficient moisture.

Solution: Check the air controls, replace the igniter if necessary, and add a small amount of dry kindling to start the fire.

Excessive Creosote Build up

Causes: Burning wet or unseasoned wood, low draft, or a poorly designed combustion chamber.

Solution: Use dry, seasoned wood, ensure proper draft, and schedule a professional chimney cleaning.

FAQ About Warnock Hershey Wood Stove

- What is the warranty on the Warnock Hershey? The stove comes with a 10 year warranty covering manufacturing defects.
- Can I use the stove in a small cabin? Yes, the Hershey is available in various sizes suitable for cabins, apartments, and larger homes.
- Is the stove EPA certified? Absolutely. It meets all EPA requirements for low emissions.

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