



The Explorer Stove

Specifications

Overall Stove Dimensions:	
Height:	24"
Depth:	24"
Width:	13"
Leg Length:	13"
Fire Box Dimensions:	
Height:	11"
Depth:	24"
Width:	13"
Flue Diameter:	5"
Stove Weight:	28lbs
Max Log Length:	22"
Stove Material:	1/16" and 1/8" Steel
Square Footage:	Up to 900sqft
Fuel:	Dry Wood
Secondary Combustion Chamber:	None
Certifications:	None
Door Seal:	None
Country of Origin:	United States of America

Warning: Improper installation or use of this stove could result in sever injury, property damage and death.

Warranty

North Woods Fabrication, LLC. warranties its wood stoves to be free of defects under normal usage for 6 months from date of purchase.

Assembly Instructions

Attach the legs to the bottom of the stove and the handle to the door using the supplied hardware. Tighten the hardware using 7/16" wrenches.

Installation Instructions

- This stove is not certified for use in a living space. Use a smoke detector and carbon monoxide detector in the space that the stove is installed in.
- If you are not familiar with wood stove installation, we recommend seeking the help of a professional installer.



- It is recommended that a flue gas thermometer be installed on the stove pipe 18" above the stove to monitor flue gas temperatures and ensure the stove is operating at a safe temperature.
- The stove must be installed no closer than 36" from any combustible material. This distance can be reduced by as much as 2/3 if a heat shield of 24ga. (or thicker) sheet metal or cement board is used with at least a 1" air space between the heat shield and a combustible surface.
- The stove must be securely mounted on a non-flammable base and vented with 5" stove pipe rated for wood stove applications. The non-flammable base must be large enough to prevent sparks or embers from the door to come in contact with flammable materials. Follow all stove pipe manufacturers guidelines along with local and state codes if applicable. North Woods Fabrication, LLC. recommends vertical stove pipe orientation for optimum stove performance.
- Use of a heat powered or electric fan is recommended to help distribute heat around your space. Turn off or remove the fan when opening the stove door to keep smoke from being drawn into your space.

Stove Operation

- This stove is intended to burn dry wood only (no liquid fuel or charcoal).
- Perform a pre-burn on a new stove outside to allow the stove paint to off-gas and cure.
- Start small fire and slowly add wood. Keep the door damper open. It may also be necessary to keep the door lightly ajar during this time depending on the flue design and type of wood being burned to get the flue system up to optimum operating temperature. Keeping the flue system at roughly 500deg. F will ensure a good draft and stove operation. A cool fire and flue system may allow smoke to escape when the door is open and create creosote buildup in the flue system.
- Gradually add larger pieces of wood as the fire grows, adjust the door damper to keep the fire at a safe size.
- Once a good coal bed is established, large pieces of wood can be added and the door can be closed.
- To stop the fire: completely close the door damper and starve the fire of oxygen. NEVER EXTINGUISH A FIRE WITH WATER UNLESS ITS AN EMERGENCY.

Stove Maintenance

- Regularly inspect and clean the flue system to reduce creosote buildup using a flue brush or similar method.
- Clean out ash daily or as needed.
- Inspect the stove and flue system and ensure it is free of damage or wear. Never operate the stove if there is something wrong.