



VERMONT
CASTINGS

WOOD-BURNING STOVES

TRUE CRAFTSMANSHIP

Vermont Castings was founded on the belief that the stately beauty of cast iron could be combined with the simple utility of wood heat, to craft stoves of value and enduring beauty.

Among the vibrant hills and silver waters of the Green Mountain State is one constant: the promise of American craftsmanship. This is where day after day, year after year, the proud people of Vermont Castings craft each stove with hand and heart.

Vermont Castings provides more than heat. It's the warmth that unites. The timeless designs and furniture-quality finish set the scene for intimate memories. No detail is too small, no element insignificant. This is true craftsmanship.

VERMONT CASTINGS



KEY TECHNOLOGIES

FLEXBURN® TECHNOLOGY

FlexBurn stoves burn with or without a catalyst and achieve 15% higher efficiency on low burns with the catalyst in place.



① START UP

- Primary burn started and fueled by fresh air
- Bypass damper is open



② 2-STAGE BURN

- Damper is closed once stove and flue are sufficiently hot, forcing smoke into the secondary combustion chamber
- Additional air feeds combustion of gases for secondary burn

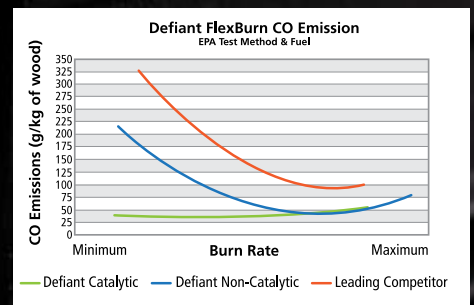
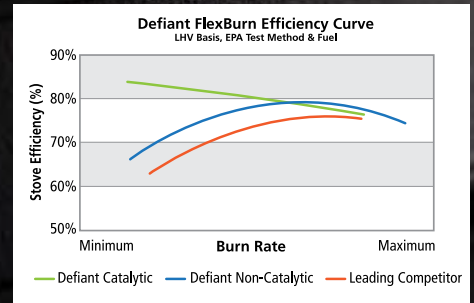


③ 3-STAGE BURN

- With catalyst in place, increased efficiency and lower emissions result from a tertiary burning of gases and CO
- The catalyst also enables combustion at much lower temperatures, extending burn times and saving on fuel costs

SAVE MONEY AND USE LESS WOOD WITH A CATALYST

Increase your heating efficiency and lower your stove emissions, ensuring you get the most out of each load of wood.



TOP LOAD TECHNOLOGY

Our top load technology is second to none and perhaps the most celebrated feature of Vermont Castings stoves.

Top loading lends itself to numerous conveniences and safety features:

- The top load design increases load capacity by allowing you to utilize the entire fire box; load the firebox right to the top for longer burns
- Top loading is safer and cleaner, keeping ash and embers contained
- The smokeless design releases less smoke in your room than loading from the front
- Direct heat to the stovetop results in a superior cooking surface



THERMOSTATICALLY CONTROLLED COMBUSTION

Our unique, built-in thermostat requires no electricity and automatically adjusts the required air for combustion. Just set the stove for the heat output you want and let the thermostat do the rest. The result—longer, more even heat.



Catalyst Included

DEFIANT FLEXBURN WOOD-BURNING STOVE



FlexBurn
Technology



Thermostatically
Controlled Combustion



Top Load
Technology

KEY FEATURES



Timeless cast iron styling with a furniture-quality finish



Convenient top load keeps smoke and ash contained and increases load capacity



Exclusive swing-out ash pan allows you to cleanly remove ashes, even when the stove is hot



Cast iron griddle top offers a versatile cooking surface for the stovetop chef

**WARMING
SHELVES**
with mitten
racks; stylish,
yet practical



MATCHING ENAMEL PIPE



TRANSITION STYLE DOORS
offer cleaner lines and a wider view to add
a contemporary feel to a classic design



VARIABLE SPEED FAN KIT
to better distribute heat in your space



SPARK SCREEN for open door,
fireplace style viewing*



Add moisture to your room with a stylish
enameled **CAST IRON STEAMER**



CAST IRON TRIVET
for stove top cooking



**MAGNETIC STOVE TOP
THERMOMETER** to take any
guesswork out of operating the stove



OUTSIDE AIR ADAPTER



**VERMONT CASTINGS
LEATHER GLOVES**



CAST IRON WOOD BIN



PORTABLE SAFETY SCREEN
allows you to have peace of mind



VERMONT CASTINGS

vermontcastings.com

LIMITED LIFETIME WARRANTY

The strongest in the industry, Vermont Castings provides a limited lifetime warranty on the most important aspects: firebox and heat exchanger. For full warranty details go to VermontCastings.com.

IMPORTANT - READ BEFORE YOU INSTALL! - Refer to the Owner/Installation Manual for complete clearance requirements and specifications. The images and descriptions in this brochure are provided to assist you in product selection only. Vermont Castings is a registered trademark of Hearth & Home Technologies. Product specifications and pricing subject to change without notice. Fireplace, stove and insert surfaces get extremely HOT and can cause burns if touched. Keep a safe distance away. To learn more visit www.vermontcastings.com/fireplacesafety. ©2016 Hearth & Home Technologies®, All rights reserved

VMT-1011U-0618