



# LEYDEN™

## TOP LOADING CAST IRON WOOD STOVE



**WOOD HEAT IS GOOD HEAT!**



## **LOVE LIFE, LIVE LARGE**

It's not just something we say, we believe it! So much that we designed a stove around the phrase and inscribed it in the lid! Life should be enjoyed and lived to the fullest. That's why we created the Leyden (LYE-den), the easiest to use wood stove we've ever made. With a top load design, the largest firebox in a medium-sized stove to hold more wood than ever before and cross-draft technology that gives you longer burn times with less refueling. The ash removal system is the most convenient to date with our slide out ash pan on drawer glides. All these features let you spend more time enjoying living in your home instead of heating it. The Leyden is just one more reason Lopi is America's Favorite Fire!



# LEYDEN™

## TOP LOADING CAST IRON WOOD STOVE



EPA Emissions	Overall Efficiency	Maximum Btu's/Hour**	Firebox Size	Heating Capacity*	Maximum Burn Time**	Maximum Log Length	Wood Capacity	Weight
2.4 Grams/Hr.	Over 75 %	73,100	2.3 Cu. Ft.	Up to 2,000 Sq. Ft.	Up to 12 Hours	Up to 21 inches	45-65 Pounds	503 Lbs.

\* Heating Capacity may vary depending on the degree of home insulation, floor plan, ambient temperature zone of the area in which you live.  
 \*\* BTU Output and Burn Times may vary depending on moisture content of wood, wood type, chimney draft and oxygen supply.



### PAINT & PREMIUM 2-STEP ENAMEL FINISHES



**NEW IRON PAINTED FINISH**



**OXFORD BROWN PREMIUM PORCELAIN ENAMEL**



**MAJOLICA BLACK PREMIUM PORCELAIN ENAMEL (LIMITED EDITION)**



**FIRE RUN RED PREMIUM PORCELAIN ENAMEL**

*"We try to add a sense of fun to everything we do here at Lopi. I love what I do, and try to remember to live life fully each day. I cast the message "Love Life, Live Large in the lid because I wanted to remind others in a small way to do the same in their daily life, each time they load wood into their Lopi Leyden stove."*

*Kurt W. F. Rumens  
 President, Travis Industries*

## IT'S ALL IN THE DETAILS

The Leyden features details found in early American style architecture. The balance and symmetry of this stove impart an elegant charisma, and the fine quality details are featured on every inch of the stove from the sculptured castings to the special refractory lining. The large double doors feature a view of the fire with 190 sq. in. of ceramic glass.



## EASY-GLIDE ASHPAN

Our user-friendly ash pan has the most sophisticated engineering you can buy. It glides on ball bearings and has a handle for easy lifting so you can quickly and easily empty the ashes. Our system requires no awkward or uncomfortable bending or stooping and results in cleaner, faster, more efficient ash removal.



## TOP LOAD CONVENIENCE

Top loading stoves are the easiest to fill. Simply lift the lid and drop in the wood. No wood or ashes tumble out or spill. The Leyden holds an amazing 45-65\* pounds of wood and accepts 21 inch log lengths.

\* Weights will vary depending on wood type and moisture content of the wood.



## OPTIONAL CONVECTION BLOWER



Besides the radiant heat that cast iron is so famous for, the Leyden is designed with a built-in heat-exchange chamber that transfers heat off the stove and into your home. This natural convection can be enhanced

with the quiet 160 CFM blower accessory option.

## HIGH EFFICIENCY PERFORMANCE



The Leyden's state-of-the-art Cross-Flow combustion technology was designed to allow an enormous, unobstructed firebox (no baffles or tubes) for maximum wood capacity and convenience. This results in adjustable heat output from a single air control and extremely long burn time for less frequent refueling. The combustion system also creates an aggressive, clean burning fire.

## WOOD POKER & GLOVES



The Leyden is the only wood stove that ships with its own extra-long, custom-designed wrought iron poker and leather gloves so you can easily load and adjust wood around and inside the deep firebox. It is touches like this that make the Leyden the most convenient stove on the market.

# LEYDEN™

## WOOD STOVE - How it Works

The Leyden wood stove burns differently than a traditional wood stove. Our revolutionary Cross-Flow Technology offers you the most efficient burn that has ever been achieved in a wood stove. Cross-Flow Technology allows you to conveniently load wood through the top opening of the stove. This feature will allow you to load up to 65 lbs. of wood, which will give you up to 12 hours of continuous burn time. The Cross-Draft system is designed to burn wood from the top to bottom. Here's how the system works.

(1) Once you start the fire you will close the by-pass damper.

(2) The pre-heated primary combustion air enters the firebox through the air-wash channel above the glass.

(3) The super heated secondary air enters the back of the firebox through the Silica Carbide Firebrick.

(4) The mixing of these two air sources establishes the primary fire.

(5) The combustion air is easily regulated by a single air control.

(6) Any left over by-product of combustion is drawn into the High-Tech Combustion System.

(7) This is where the final reduction (burning) of any remaining emissions occurs.

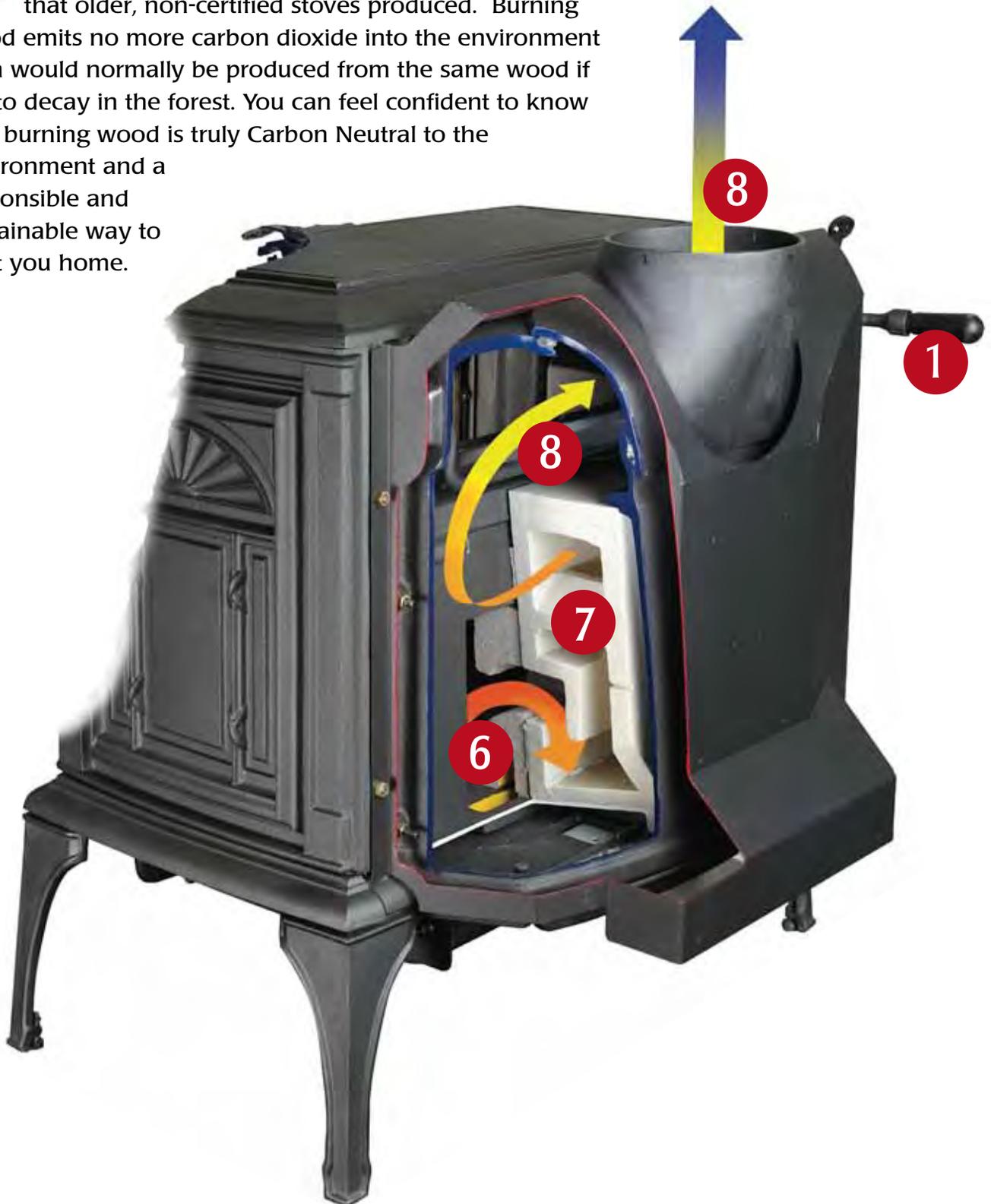
(8) This final combustion stage is what gives you a virtually smoke-free wood burning stove.





## WOOD HEAT IS GOOD HEAT

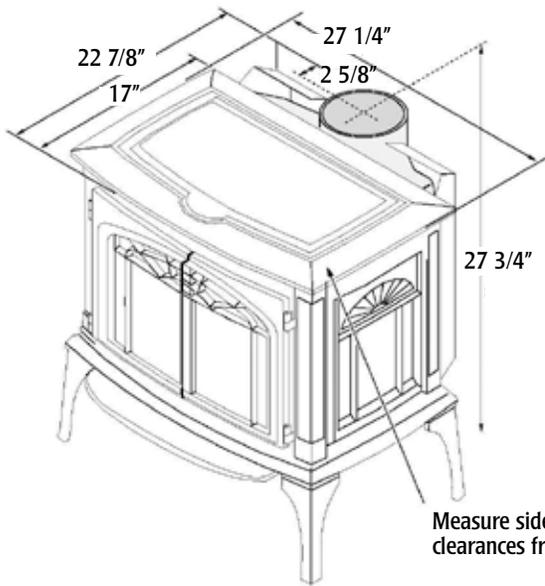
All wood stoves manufactured by Lopi are certified by the EPA and are designed to emit only a fraction of the smoke that older, non-certified stoves produced. Burning wood emits no more carbon dioxide into the environment than would normally be produced from the same wood if left to decay in the forest. You can feel confident to know that burning wood is truly Carbon Neutral to the environment and a responsible and sustainable way to heat your home.





# LEYDEN™ TOP LOADING CAST IRON WOOD STOVE

## DIMENSIONS

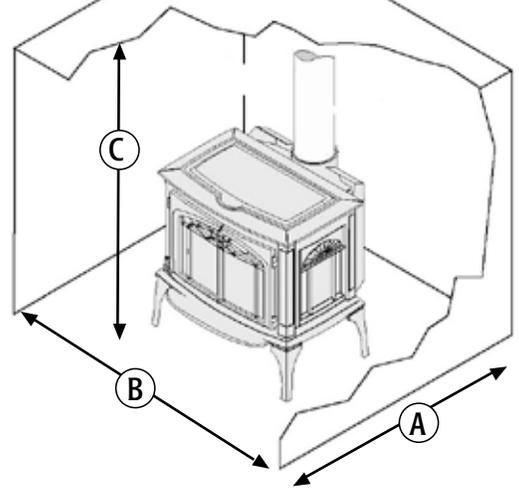


Measure side, corner, and back clearances from the stove top.

## ALCOVE CLEARANCES

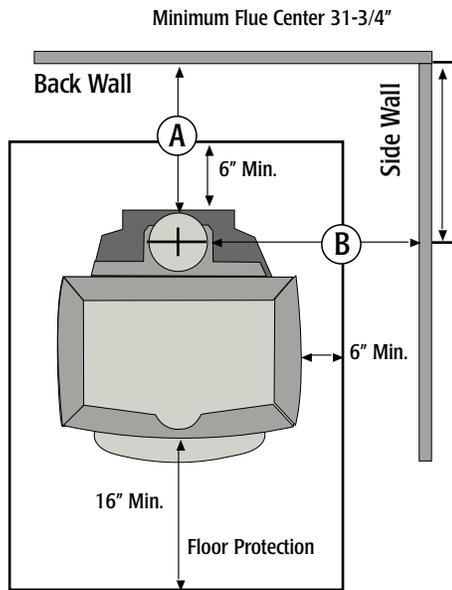
A = Maximum Depth	48"
B = Maximum Width	63 1/4"
C = Minimum Height	84"

Measured From Combustible Surfaces



## Close Clearances To Combustibles

(Rear heat shield is a standard feature)

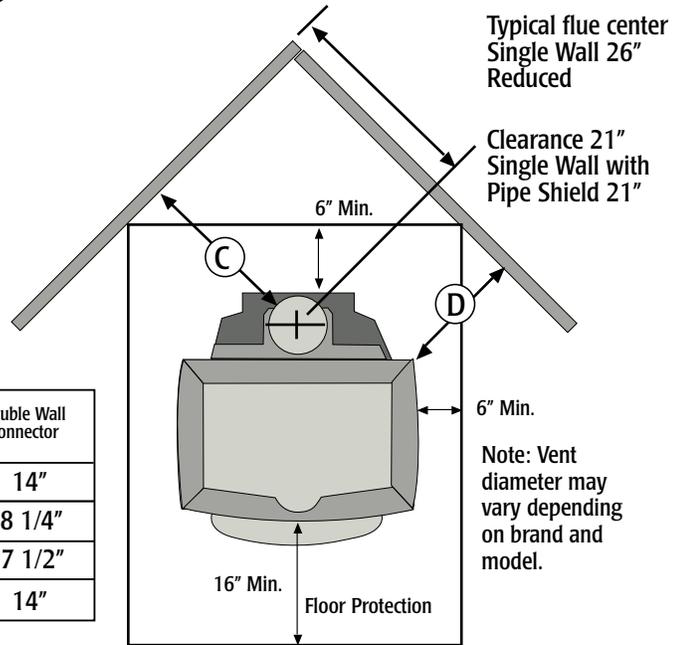


Minimum Flue Center 31-3/4"  
 Typical flue center  
 Single Wall 24"  
 Reduced Clearance 17.5"  
 Single Wall with Pipe Shield 14"

	Single Wall Connector	Single Wall Connector w/ Pipe Shield	Double Wall Connector
A =	21"	11"	14"
B =	28 3/4"	28 3/4"	28 1/4"
C =	23"	18"	17 1/2"
D =	19"	14"	14"

Measure front clearances from the face of the stove (door opening).

Measure rear and side clearances from the nearest edge of the stove top.



Typical flue center  
 Single Wall 26"  
 Reduced

Clearance 21"  
 Single Wall with Pipe Shield 21"

Measure rear and side clearances from the nearest edge of the stove top.

Measure front clearances from the face of the stove (door opening).

Your Lopi Authorized Dealer is Located At:



Visit our Website at: [www.lopistoves.com](http://www.lopistoves.com)

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We reserve the right to improve or change our products without prior notification. Consult the Owner's Manual for complete installation requirements. #98800235