

Lopi™

Wood Inserts



FEATURING

GREEN  START™ HYBRID  FYRE™



# Lopi™ America's Favourite Fire

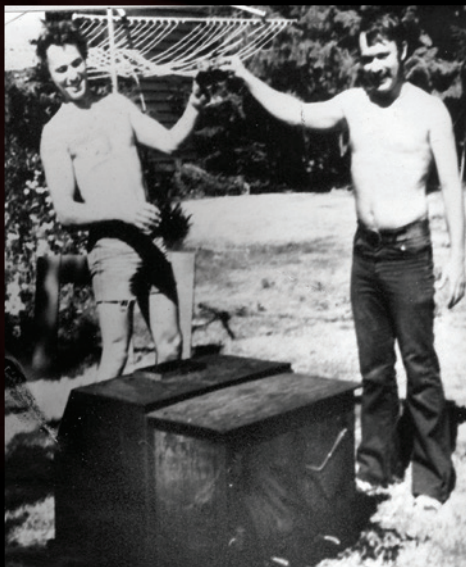
Lopi wood heaters and inserts have been America's favourite choice in fire for over thirty years. Our reputation for solid craftsmanship, reliable performance and unbeatable heating efficiency has been a winning combination year after year, and the favourite fire of families across the nation.

Lopi heating appliances are designed and hand-assembled at our state-of the-art plant in Mukilteo, Washington. Each stove comes with a five or seven year warranty.

After all, we have the experience and confidence to stand behind every single product we make, so we put it in writing.

We've learned and grown with every stove we've built over the years but one thing that hasn't changed is the beauty of our stoves and inserts, performance you can trust and our commitment to your satisfaction.

Whether you are new to the family of Lopi heating appliances or already a part of our family, we invite you to take a look at our newest line of wood heaters and inserts. We know you'll find your favourite fire.



1979 - First Lopi Wood Heater

## 7-Year "Real World" Warranty

Our 7-Year Warranty offers more protection on key components than the so-called "Lifetime" warranties of our competitors.

When purchased from your local Lopi specialist dealer we cover all electrical (blowers) for 2 years and all parts (with labour) for 5 years, and parts for an additional 2 years. That's because Lopi builds stoves to last a lifetime.

We'll stand behind the quality and performance of our products year after year because that's the way we do business --and you don't have to read the fine print for your peace of mind.

## Why Buy A Lopi Wood Insert?

### Energy Savings

An open fireplace sends up to 80 percent of the fire's heat up the chimney and depletes warm air from surrounding rooms. A Lopi wood insert is more than five times as efficient as an open fireplace and distributes warm air throughout the home. You can convert your wasteful masonry or metal fireplace into a super-efficient hearth system that can heat your entire home for a fraction of what you'd pay for electricity or oil.

### Reliability

Power outages can last for days. A Lopi wood burning insert keeps you warm and self sufficient while your neighbours are in the dark. Several models even offer a radiant cooking surface.

### Efficient And Easy To Use

Lopi inserts distribute heat evenly with a five-sided convection chamber - a standard feature with us but expensive or unavailable in other brands.

They are also easy to use with single controls to regulate heat output and standard bypass\* dampers for smokeless startup and reloading.

### Styles For Every Home

Lopi has a wide range of sizes and options to fit your heating needs and living environment. Blowers are available\*\* for enhanced heat flow and you can pick your own doors, etched glass options and even different paint finishes where available. Ask your Lopi dealer for details.

\*\* The blower is a standard inclusion on all Flush Wood Inserts & Freedom Bay

## We Build The Finest Wood Heaters On The Planet

No other wood heater can surpass Lopi's performance or quality. It takes the best engineers and craftsmen to make the best wood heaters, and we've got them. Your new Lopi heater features true unibody construction and the most durable door on the market. The Lopi door is held in place with cold-rolled steel punched through the firebox and welded on the inside to hold the door permanently straight. The hinge pins that hold the door are 16mm bridge rivets. Your stove also has a six-inch, seamless, heavy-duty steel flue collar and heavy gauge 9.5mm & 6mm steel construction. When you buy a Lopi, you're buying the finest, **'We guarantee it.'**



Cast iron frame glass retainer insures a permanent air-tight seal around the glass. The cast iron frame fits an inch deep inside the door, so the door will never warp or flex. The frame also protects the glass gasketing from direct contact with the fire.



Lopi uses real kiln-fired, refractory fire brick in the firebox and baffle. This is the same material used to line commercial boilers and furnaces. This brick is heavy and made to last.



Our single air control is easier to fine tune to your heating needs by regulating both primary and secondary air to the stove.

The control is spring loaded to insure an engineered seal to the bottom of the firebox. The result is a sealed air control which will not allow any additional air into the firebox.

## Insert Options & Accessories



To ensure maximum performance out of your new Lopi we provide a moisture metre with every unit to ensure your hardwood is seasoned and ready to burn.



### ELK ETCHED GLASS

Bring the great outdoors inside with the decorative elk etched glass design. (Freedom Bay Only)

### 3 Piece Finishing Panels

Republic 1750i & Freedom Bay Only  
Not suitable for Flush Wood Range



The 3 piece panels come in three sizes, 8", 10" and 12" to fit a wide variety of fireplace openings. All panels have the flexibility to be custom cut for an inside-fit to the fireplace opening.

### 1 Piece Finishing Panels

Flush Wood Models & Republic 1750i

The 1 piece panels are one continuous steel panel providing a sleek finish to your fireplace insert. They are available in a large and small size in most models and a 4 sided version on the Flush Wood Medium & Large.



Dimensions are shown on page 6

### INSERT FAN

(Installs in front of unit)



### CONVECTION FANS

Thermostatically Controlled

High on power but low on noise. They help circulate heat by moving up to 160 cubic feet of air per minute.

### PAINT

Lopi stoves and inserts can be painted in a variety of colours to fit any décor (ask your dealer for custom colour choices).



### HI-TEMP WIRING KIT

Protective kit to allow concealment of the power cord from the blower through chimney.







## The Revolutionary GreenStart™ Igniter Option

Starting your wood heater has never been easier.

Much like Charles Kettering's invention of the electric automobile ignition 100 years ago, the GreenStart igniter system has evolved the ignition of fire in a spectacular way and has become the greatest innovation in wood heating in over 100 years.

Starting a fire in your wood heater is now as convenient as pushing a button. No longer is the mess of starting a fire with matches and newspapers a concern as it has been eliminated entirely by this breakthrough new igniter system.

Fireplace safety has increased, as well as there is no longer a need to leave doors ajar to promote the fire start up. The GreenStart system works much like a blacksmith bellows. A compressor forces 760 degree celcius preheated air into the firebox directly onto the wood source giving a clean fast smoke-free start up.

This combination of the igniter and bellows is the brilliance of this patented design. This system is also ideal for refreshing old fires as well by simply adding new fuel on top of the old coals, closing the door and pushing the button two times. This activates the bellows without activating the igniter. The bellows will run for 7 minutes, enough time to rekindle the fire.

The new GreenStart system instantly elevates combustion temperatures within your wood heater, immediately establishes a draft and eliminates the slow and smoky typical wood fireplace start up.

The GreenStart Igniter system will start wood burning within a minute. After the initial start up the blower will continue pumping air at various speeds like a bellow into the fire greatly accelerating the start up time. After 15 minutes the blower shuts off.

For best results dry, seasoned wood is required when using the GreenStart system. Never before has starting a fire in a wood stove or insert been so simple.

## How GreenStart™ Works

### Push a Button



### Start Your Fire



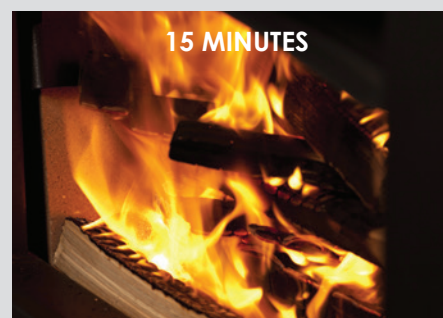
Hot surface igniter blows 760 degree celcius heated air into firebox igniting the wood



Igniter shuts down and blower continues to push air acting as bellows to fan the fire



Blower continues to fan the fire at various speeds to deliver proper draft in chimney and vigorous fire



Blower shuts down. Homeowner adjusts damper and air controls to maintain fire

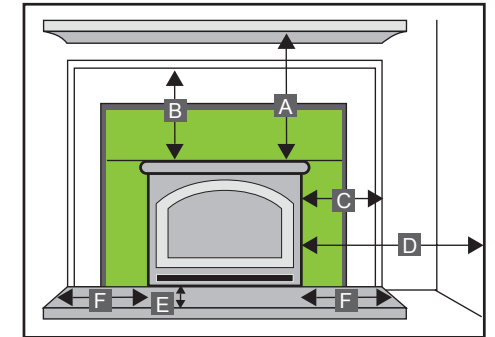
# Inbuilt Wood Heater Specifications

SPECIFICATIONS	Republic 1750i	Flush Wood Medium	Freedom Bay	Flush Wood Small Hybrid-Fyre™	Flush Wood Large Hybrid-Fyre™
Width (mm)	616	734	740	630	788
Height (mm)	502	547	552	500	597
Depth (mm)	586	451	521	343	451
Depth on Hearth (mm)	254	Dependant on Face	121	40	Dependant on Face
Depth Into Fireplace (mm)	332	483	400	356	483
Flue Size (mm)	152	152	152	152	152
Construction (Plate Steel)	9.5 to 6mm	9.5 to 6mm	9.5 to 6mm	9.5 to 6mm	9.5 to 6mm
Weight (Body) KG	172	200	213	118	236
PERFORMANCE	Republic 1750i	Flush Wood Medium	Freedom Bay	Flush Wood Small Hybrid-Fyre™	Flush Wood Large Hybrid-Fyre™
Heating Capacity (Up to in Sq mtr)	220	250	280	140	300
Emmissions (g/Kg)	1.4	1.5	0.7	0.9	0.9
Efficiency (Up to)	62%	65%	61%	72%	67%
Maximum Burn Time (Up to)	10hrs	10hrs	12hrs	7hrs	12hrs
Firebox Size (Cubic/Mtr)	.06	.06	.09	.034	.085
Maximum Log Size (mm)	495	610	610	457	610
CLEARANCES	Republic 1750i	Flush Wood Medium	Freedom Bay	Flush Wood Small Hybrid-Fyre™	Flush Wood Large Hybrid-Fyre™
A = Firebox to Mantel (mm)	775	648*	813	1125	700*
B = Firebox to Top Facing (mm)	724	203*	241	454	610*
C = Firebox Side to Side Facing (mm)	330	100*	343	100	175*
D = Firebox Side to Side Wall (mm)	381	229*	381	300	N/A
E = Min Hearth Depth (mm)	406	450	406	300	450
F = Min Hearth Width - Sides (mm)	200	150	200	150	150
FIREPLACE SIZING					
G = Minimum Depth (mm)	350	483*	420	356	483*
H = Minimum Front Width (mm)	620	785* **	760	686	839* **
I = Minimum Back Width (mm)	570	480*	760	490	528*
J = Minimum Height (mm)	550	550*	570	485	597*
PANEL SIZES					
3 Piece 200mm x 200mm (mm)	703 x 1024	-	749 x 1152	-	-
3 Piece 250mm x 250mm (mm)	754 x 1127	-	800 x 1254	-	-
Custom 4 Sided Panel (mm)	-	800 x 1067	-	-	850 x 1067
1 Piece Panel Small (mm)	724 x 1016	775 x 1067	-	635 x 966	825 x 1067
1 Piece Panel Large (mm)	775 x 1067	864 x 1118	-	-	889 x 1194

\*\* If using the GreenStart Igniter the opening width required is a minimum 915mm at the front of the opening for the first 90mm depth.

Always refer to the relevant installation manual to confirm clearances available at [www.lopi.com.au](http://www.lopi.com.au)

## Clearances to Unprotected Combustibles



### Hearth Requirements:

All Inserts must have a non-combustible hearth pad that extends by the nominated amount in front and to the sides of the insert, with a minimum thickness of 80mm. Refer to installation manual for further details.

### Sizing Your Fireplace for an Insert:

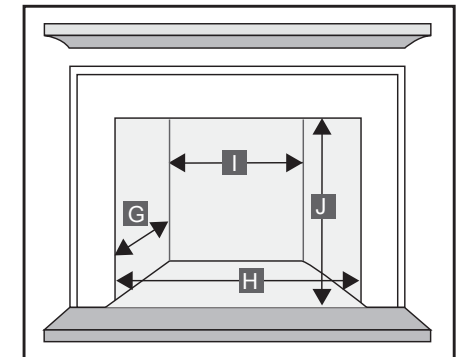
Use these illustrations in conjunction with the information under the "Fireplace Sizing" headings.

**\*All models require a masonry enclosure.**

**Flush Wood Medium & Large Hybrid-Fyre™ models have an optional zero clearance box available for a combustible installation demanding different clearances.**

**Please see [lopi.com.au](http://lopi.com.au) for separate sizing & framing information**

### Fireplace Sizing







## Republic 1750i

With a Republic wood burning insert you can turn your old, inefficient open masonry fireplace into a great heat source for your home. A Republic insert is more than five times as efficient as an open fireplace and features a built-in convection chamber to circulate and distribute heat throughout your home.

The 1750i model even features a bypass damper that allows quick and easy fire start-up. Republic inserts will provide your family with a reliable heat source - even during power outages.

### Options: Convection Fan

#### Republic 1750i Specifications

Emissions	Heating Capacity	Heating Output	Max Burn Time
1.4 g/Kg Per Hr	Up to 220sqm	72,400 BTU's/Hr	Up to 10 Hours
Firebox Size	Max Log Size	Weight	Construction
.06 Cubic Mtr	495mm	172Kg (body only)	9.5 - 6mm Steel Plate

Lopi Republic 1750i - Shown with optional convection fan and 8" surround panel



## Face Options



Metropolitan Face



Universal Face



Cypress Face



Times Square™ Face



Lopi Flush Wood - Shown with Shadowbox™ Face & One Piece Panel  
Shadowbox also available in bronze finish



## Flush Wood Medium

The Lopi Flush Wood is one of the latest additions to the range of Lopi Wood Inserts. Featuring emissions of only 1.5 g/Kg making this insert one of the cleanest burning wood heaters on the market.

This streamlined Lopi offers the option of five faces, all featured to the left. The ShadowBox™, Times Square™ and Cypress faces offer a new unique look when compared to the traditional characteristics of other inserts within the range. The Cypress Face has accent lights included on both sides of the face and offers a curved front making this a truly striking and innovative design. The ShadowBox™ and Times Square™ faces are designed for those wanting straighter lines to fit with a more contemporary design. For a finish with a little more detail there is the Metropolitan and Universal.

The Lopi Flush Wood is standard with a fan for increased convection heat.

**Options:** Shadowbox™, Times Square™, Cypress, Universal or Metropolitan Face. GreenStart™  
Zero Clearance Box for timber frame installation.  
See [www.lopi.com.au](http://www.lopi.com.au) for more information

### Flush Wood Specifications

Emissions	Heating Capacity	Heating Output	Max Burn Time
1.5 g/Kg Per Hr	Up to 250sqm	73,300 BTU's/Hr	Up to 10 Hours
Firebox Size	Max Log Size	Weight	Construction
.06 Cubic Mtr	610mm	200Kg (body only)	9.5 - 6mm Steel Plate

**GREEN START™**

AVAILABLE - SEE PAGE 4 FOR DETAILS



'The **lowest emission** of any large inbuilt slow combustion **fireplace in Australia\***'



Freedom Bay

The Freedom Bay is proof that beauty and function really can be engineered to go hand in hand. At an emission rate of only 0.7 grams per hour, it is one of the cleanest burning large inserts ever tested and approved. The bay "windows" are actually side convection chambers that allow air to circulate around the huge firebox and return to the room heated. Because it's flush mounted, the Freedom Bay includes a quiet, yet powerful fan (standard) to produce superior air flow. The Freedom Bay also comes with the choice of a solid brass, black painted or pewter door and trim, making this insert our most distinctive and elegant heater for larger homes.

**Options:** *Black Door & Trim Kit, Brass Door & Trim Kit, Pewter Door & Trim Kit & Etched Glass*

#### Freedom Bay Specifications

Emissions	Heating Capacity	Heating Output	Max Burn Time
0.7 g/Kg Per Hr	Up to 280sqm	74,300 BTU's/Hr	Up to 12 Hours
Firebox Size	Max Log Size	Weight	Construction
.09 Cubic Mtr	610mm	213Kg (body only)	9.5 - 6mm Steel Plate



\*As per the product listing on the Australian Home Heating Association website dated 15th January 2016

**Low Emission  
Only 0.7 g/Kg**

Lopi Freedom Bay - Shown with pewter door & 8" surround panel



## Face Options



Universal Face



Lopli Flush Wood Small Hybrid-Fyre™ Shown with Metropolitan Face



Flush Wood Small

**HYBRID** **FYRE**™

The Small Flush Wood Hybrid-Fyre™ insert is a compact sized unit that can fit where most inserts never have before. Its size is perfect for smaller masonry fireplaces with its 356mm depth and .034 cubic metre firebox. It features a never before seen flue connection with a detachable flue collar that makes for quick and easy installations that are typically very difficult with a unit of this size.

A large fire viewing glass area is surrounded by a rectangular door and a concealed blower that increases heat transfer up to 100 square metres with the included twin fans.

The Small Flush Wood insert is extremely efficient and clean-burning because it features the world's cleanest burning technology, Hybrid-Fyre™. Hybrid-Fyre allows this unit to run at 72% overall efficiency and produce only 0.9 grams of emissions per hour, emitting virtually no smoke or carbon monoxide.

**Options:** *Universal or Metropolitan Face. GreenStart™*

### Flush Wood Small Hybrid-Fyre™ Specifications

Emissions	Heating Capacity	Max Burn Time	Efficiency
0.9 g/Kg Per Hr	Up to 140sqm	Up to 7 Hours	72%
Firebox Size	Max Log Size	Construction	Weight
.09 Cubic Mtr	457mm	9.5 - 6mm Steel Plate	118Kg (body only)

**GREEN** **START**™

AVAILABLE - SEE PAGE 4 FOR DETAILS



## Face Options



Metropolitan Face



Universal Face



Shadowbox™ Face Black & Bronze



Times Square™ Face



Flush Wood Large

**HYBRID**  **FYRE**

The Flush Wood Large Hybrid-Fyre™ fireplace insert features the exclusive clean burning Hybrid-Fyre™ Technology. Hybrid-Fyre™ Technology is a fusion of known wood combustion (kiln fired firebrick, stainless baffles, and stainless steel secondary combustion air tubes, with the addition of our post combustor technology.

The net result of this technology is a super clean burning insert, with emissions of just 0.9 grams with hardwood. With that reduction in emissions comes almost zero carbon monoxide remaining through all burn cycles.

We are taking clean burning to an unmatched level of efficiency. What this means is more heat from less wood, and greater savings on your heating cost! This insert will heat up to 300sqm, with up to 12 hours burn times. The Lopi Flush Wood Large Hybrid is standard with powerful twin fans.

**Options:** *Shadowbox™, Times Square™, Cypress, Universal or Metropolitan Face. GreenStart™ Zero Clearance Box for timber frame installation. See [www.lopi.com.au](http://www.lopi.com.au) for more information*

## Flush Wood Large Hybrid Specifications

Emissions	Heating Capacity	Heating Output	Max Burn Time
0.9 g/Kg Per Hr	Up to 300sqm	83,220 BTU's/Hr	Up to 12 Hours
Firebox Size	Max Log Size	Weight	Construction
.085 Cubic Mtr	610mm	236Kg (body only)	9.5 - 6mm Steel Plate

**GREEN**  **START**

AVAILABLE - SEE PAGE 4 FOR DETAILS

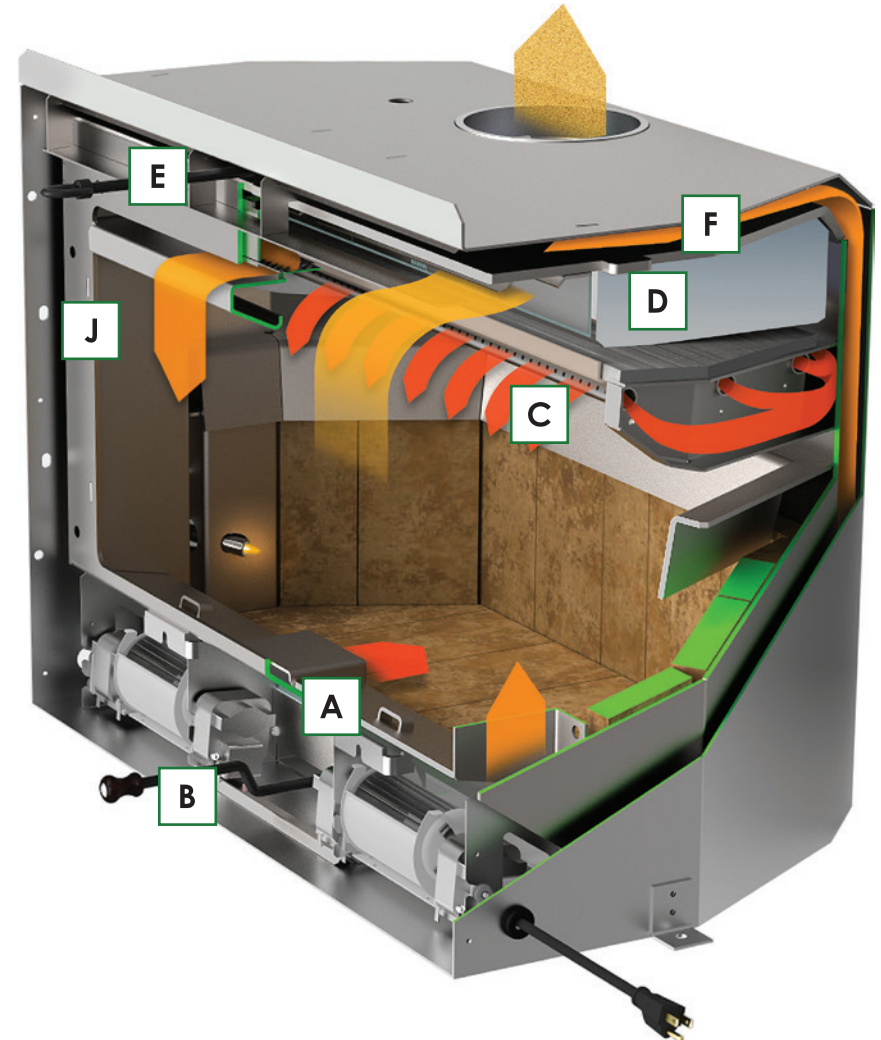
Lopi Flush Wood Large Hybrid-Fyre™ Shown with Cypress Face & One Piece Panel



What Is **HYBRID<sup>®</sup>FYRE<sup>™</sup>** Technology...

*It's The Cleanest & Greenest Technology Ever!*

- A** Pre-heated combustion air helps the glass stay clean and the insert burn efficiently.
- B** A single air control regulates the burn rate of the fire making this advanced burner system easy to operate.
- C** Secondary air tubes combined with an insulated baffle slow down the fire and reburn the particulate.
- D** A durable, large post combustor incinerates any left over particulate, burning up to 99.5% of the flue gases and all but eliminating any carbon monoxide.
- E** Bypass damper allows for smoke free start-ups and reloads when open, and assists overnight burns when closed.
- F** Room air is drawn through the cast iron air convection chamber for maximum heat transfer and efficiency. Hot air is circulated through your room through natural convection.



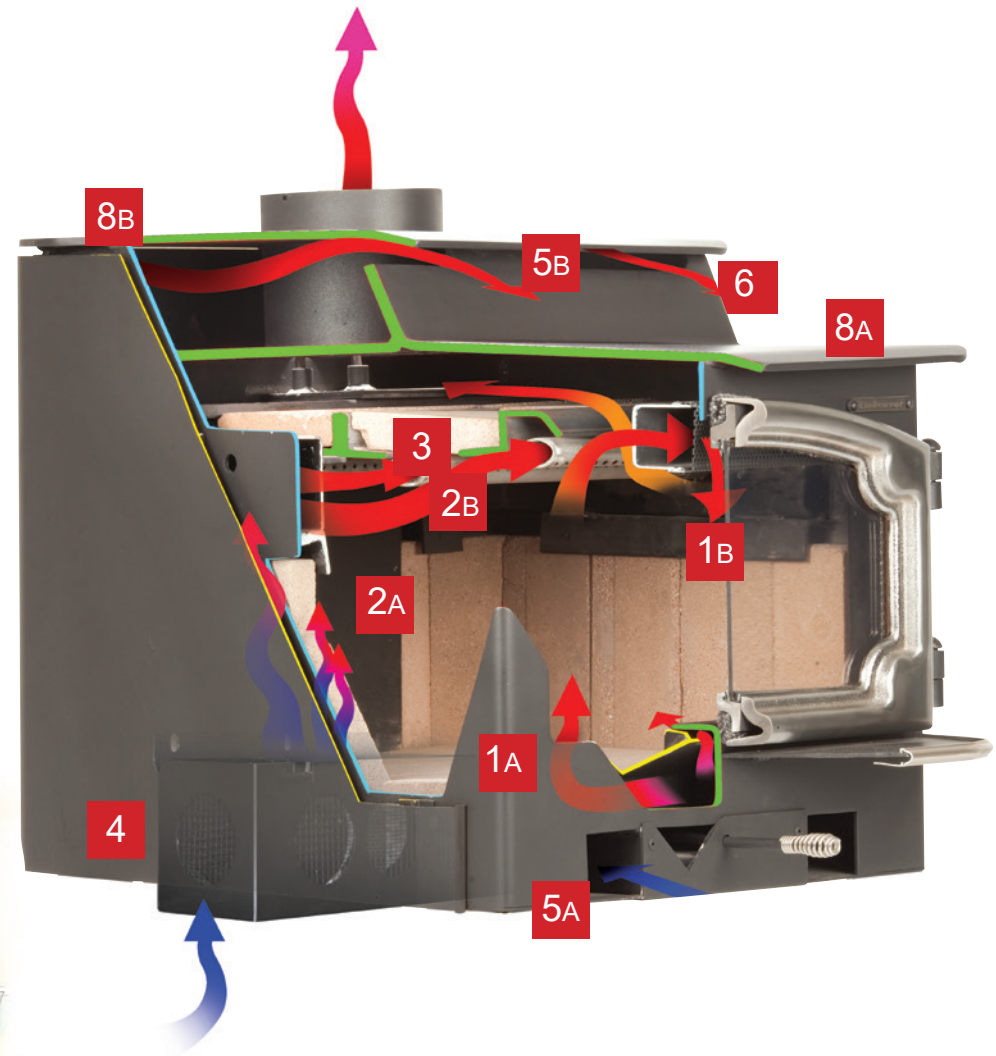
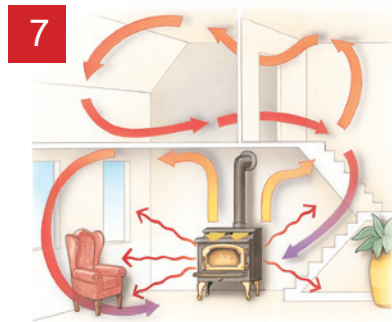
**HYBRID<sup>®</sup>FYRE<sup>™</sup>** Exclusive to





# How A Lopi Wood Heater Works

- 1** Pre-heated air wash cleans the glass like a self-cleaning oven; (1A) a steady stream of fresh air enters the heater, gets hot as it is drawn up the heated internal air chamber, and (1B) then travels through a screened airwash which diffuses and evenly distributes air across the glass keeping smoke and ash particles away.
- 2** Pre-heated secondary combustion air (2A) is delivered to the stainless steel secondary combustion tube (2B) which introduces oxygen to the firebox and promotes re-burn of most of the smoke and gases that would otherwise line your flue as creosote and exit your chimney as smoke. \*Note: Australian wood stoves only require one air tube.
- 3** The heavy-duty masonry baffle holds and radiates heat back into the firebox for more efficient and complete combustion.
- 4** An optional blower is available to speed up the circulation of convective heat throughout your home. A blower is ideal for quicker more efficient heating, or for larger a home with high ceilings or a home with an open floorplan.
- 5** Convection chamber naturally draws cold room air (5A) in at the bottom of the unit, circulates it around the stove and (5B) returns it to the room heated. As the stove heats up air flow actually increases delivering more heated air into your home.
- 6** Our medium and large units feature By-Pass dampers which temporarily re-routes smoke behind the masonry baffle when engaged. The by-pass assists faster fire start-up as well as preventing smoke from escaping through the door when loading wood.
- 7** Lopi wood heaters feature a large capacity convection chamber which enhances the heat transfer by gently circulating heated air to adjoining rooms, while still offering radiant heat that warms the room and the objects in it.
- 8** Our wood heaters also provide a great cooktop surface. The cooktop surface can be used to warm soup, heat up hot cocoa or for scented potpourri. Our medium and large stoves give you both a cooktop (8A) and warming (8B) surface, so not only will your stove heat your home during a power outage, you can also cook on it.



Authorised Lopi Dealer:



LOPI PRODUCTS  
ARE MADE IN THE  
USA WITH PRIDE

Proudly Supporting



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