

*Lopi*TM Wood Fireplace Inserts



www.lopi.com.au



1979 - First Lopi Wood Heater

Lopi wood stoves and inserts have been America's favourite choice in fire for 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 our 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 stoves and inserts. We know you'll find your favourite fire.



"Lopi is not so much a brand name as it is a tradition of craftsmanship in the construction of our wood stoves and of pride to the families who own them. We invite you to share this proud tradition."

Kurt W. F. Rumens
President, Travis Industries

Why Buy A Lopi Fireplace 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 fireplace 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. You can mount your insert flush to the hearth or extend it for extra radiant heating. Blowers are available for enhanced heat flow and you can pick your own doors, etched glass options and even different paint finishes.

Ask your professional hearth dealer for details.



We Build The Finest Wood Heaters On The Planet

No other wood burning stove can surpass Lopi's performance or quality. It takes the best engineers and craftsmen to make the best stoves, and we've got them. Your new Lopi stove 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.'**



The solid brass door will last for life (unlike the micro-thin gold plating common to many other stove brands). Pewter doors are also available on most stoves and inserts.



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.



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.



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.

7-Year "Real World" Warranty

Our 7-Year Warranty offers more protection on key components than the so-called "Lifetime" warranties of our competitors. We cover all electrical (blowers) for 2 years, 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.

Insert Options & Accessories



DOORS

Choose from three door finishes to blend or accent your stove and room decor. **Solid Brass, Black Painted, Pewter Plated** (Not available for Republic or Flush Wood Ranges.)



ELK ETCHED GLASS

Bring the great outdoors inside with the decorative elk etched glass design. (Not available for Republic or Flush Wood Ranges.)

INSERT FAN

Installs in front of unit.



CONVECTION FANS

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



PANELS

Fireplace Insert 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.

Note. Flush Wood models supplied with one piece panels - dimensions on page 3



PAINT

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

GREEN START™

The Revolutionary GreenStart™ Igniter Option

Starting your woodstove 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 stove 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.

PUSH A BUTTON



START YOUR FIRE

START YOUR FIRE



Hot surface blows 1400 fahrenheit 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

The GreenStart system works much like a blacksmith bellows. A compressor forces 1400 degree fahrenheit 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 ignitor. The bellows will run for 7 minutes, enough time to rekindle the fire.

The new GreenStart system instantly elevates combustion temperatures within your stove, 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.

GreenStart is not available on all models. Please check options list on each product page

Hybrid-Fyre™ Technology

The Cleanest & Greenest Technology Ever!

The Large Flush Wood Insert is by far, the cleanest burning, large insert on the market. Featuring elevated craftsmanship and Lopi styling as well as the cutting edge, Hybrid-Fyre™ Technology. The combination of a catalytic combustor and air tubes is what creates this unique and ultra efficient Hybrid-Fyre™ technology.



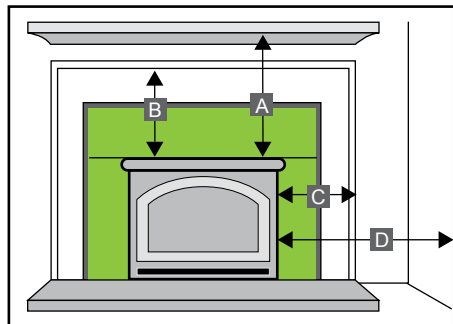
See Page 10 for the Flush Wood Large Hybrid-Fyre™

- Pre-heated combustion air helps the glass stay clean & the insert burn efficiently.
- A single air control helps regulate the fire with ease.
- Re-combustion air tubes combined with an insulated baffle slows down the fire and returns the particulate.
- Catalytic combustor incinerates any left over particulate, burning up to 99.5% of the flue gases and all but eliminating any carbon monoxide.
- Room air is re-circulated through the air convection chamber
- Made of 5/16" steel for maximum heat transfer and efficiency.
- Hot air is pushed into your room with two fans, each rated at 90 cfm.
- Bypass damper allows for smoke free start-up and reloading.
- 152mm flue makes for easy installation
- Add the optional GreenStart igniter to start your fire with a push of a button.



| | SMALL | MEDIUM | SMALL | MEDIUM | LARGE | LARGE |
|----------------------------------|----------------|----------------|-----------|-------------------|-------------------------------|-------------|
| SPECIFICATIONS | Republic 1250i | Republic 1750i | Answer | Flush Wood | Flush Wood Large Hybrid-Fyre™ | Freedom Bay |
| Dimensions - Firebox Only | | | | | | |
| Width | 601mm | 610mm | 601mm | 734mm | 788mm | 740mm |
| Height | 508mm | 502mm | 508mm | 547mm | 597mm | 552mm |
| Depth | 419mm | 586mm | 419mm | 451mm | 451mm | 521mm |
| Depth On Hearth | 76mm | 254mm | 76mm | Dependant on Face | Dependant on Face | 121mm |
| Depth Into Fireplace | 343mm | 332mm | 343mm | 483mm | 483mm | 400mm |
| Flue Size | 152mm | 152mm | 152mm | 152mm | 152mm | 152mm |
| Construction (Plate Steel) | 9.5 - 6mm | 9.5 - 6mm | 9.5 - 6mm | 9.5 - 6mm | 9.5 - 6mm | 9.5 - 6mm |
| Weight (Body) | 135Kg | 172Kg | 135Kg | 200Kg | 236Kg | 213Kg |
| PERFORMANCE | Republic 1250i | Republic 1750i | Answer | Flush Wood | Flush Wood Large Hybrid-Fyre™ | Freedom Bay |
| Heating Capacity (Sq mtr) | 160 | 220 | 160 | 250 | 300 | 280 |
| Emmissions (g/Kg Per Hr) | 3.2 | 2.3 | 3.2 | 1.5 | 0.9 | 2.5 |
| Heat Output (BTU's /Hr) | 66,800 | 72,400 | 66,800 | 73,300 | 83,220 | 74,300 |
| Efficiency (Up to) | N/A | N/A | N/A | 65% | 67% | N/A |
| Maximum Burn Time (Up to in hrs) | 8hrs | 10hrs | 8hrs | 10hrs | 12hrs | 12hrs |
| Firebox Size (Cubic/Mr) | .05 | .06 | .05 | .06 | .085 | .09 |
| Maximum Log Size | 457mm | 495mm | 457mm | 610mm | 610mm | 610mm |

CLEARANCES TO UNPROTECTED COMBUSTIBLES



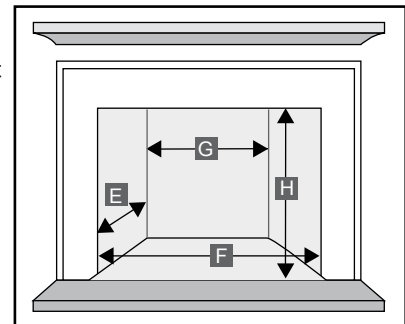
Hearth Requirements:

All Inserts must have a non-combustible hearth pad that extends a minimum of 406 mm in front of the insert and 152 mm to the sides.

Sizing Your Fireplace for an Insert:

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

FIREPLACE SIZING



| CLEARANCES | Republic 1250i | Republic 1750i | Answer | Flush Wood | Flush Wood Large Hybrid-Fyre™ | Freedom Bay |
|---------------------------------|----------------|----------------|--------------|--------------|-------------------------------|--------------|
| A = Firebox to Mantel | 394mm | 775mm | 394mm | 648mm | 700mm | 813mm |
| = With Mantel Shield | N/A | 572mm | N/A | N/A | N/A | 483mm |
| B = Firebox to Top Facing | 305mm | 724mm | 305mm | 203mm | 610mm | 241mm |
| = With Mantel Shield | N/A | 521mm | N/A | N/A | N/A | 432mm |
| C = Firebox Side to Side Facing | 241mm | 330mm | 241mm | 100mm | 175mm | 343mm |
| D = Firebox Side to Side Wall | 330mm | 381mm | 330mm | 229mm | N/A | 381mm |
| FIREPLACE SIZING | | | | | | |
| E = Minimum Depth | 350mm | 350mm | 350mm | 483mm | 483mm | 420mm |
| F = Minimum Front Width | 620mm | 620mm | 620mm | 785mm** | 839mm** | 760mm |
| G = Minimum Back Width | 620mm | 570mm | 620mm | 480mm | 528mm | 760mm |
| H = Minimum Height | 550mm | 550mm | 550mm | 550mm | 597mm | 570mm |
| PANEL SIZES | | | | | | |
| 200mm x 200mm | 714 x 1018mm | 703 x 1024mm | 714 x 1018mm | 775 x 1067mm | One Size | 749 x 1152mm |
| 250mm x 250mm | 768 x 1137mm | 754 x 1127mm | 768 x 1137mm | 864 x 1118mm | 825 x 1067mm | 800 x 1254mm |

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



Shown with the optional convection fan and 8" surround panel

Now experience the performance and quality you've come to expect in Lopi wood stoves in two mid-priced economy fireplace inserts. Without compromising construction or function, Lopi has managed to produce a wood insert line that's designed to be affordable, good looking and just plain heats.

Republic wood burning inserts are clean, green, efficient and come in two models - The 1250i for smaller homes or zonal heating needs and the 1750i for mid-sized homes or zonal heating specific areas of large homes.

Options: *Convection Fan*

Republic 1250i Specifications

| Emissions | Heating Capacity | Heating Output | Max Burn Time |
|--------------------|------------------|----------------------|--------------------------|
| 3.2 g/Kg Per Hr | Up to 160sqm | 66,800 BTU's/Hr | Up to 8 Hours |
| Firebox Size | Max Log Size | Weight | Construction |
| .05 Cubic Mtr | 457mm | 135Kg (body only) | 9.5 - 6mm Steel Plate |

'LOPI FACTS'

WHY HEAT WITH WOOD?

Nothing heats like wood. Lopi wood stoves and fireplace inserts warm the coldest days, brighten the darkest nights and fill your home with the gentle, radiant heat only wood can produce. With styles and installation choices for every room in your home, America's favourite fire helps you declare yourself free from high heating bills.



Shown with optional fan and 10" surround panel

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

Options: *Convection Fan*

Republic 1750i Specifications

| Emissions | Heating Capacity | Heating Output | Max Burn Time |
|--------------------|------------------|----------------------|--------------------------|
| 2.3 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 |



Shown with the optional pewter door and ashlip trim, optional convection fan and 8" surround panel.

The Answer is a terrific way to heat a secluded room or small home. It conserves space by mounting flush into your existing masonry fireplace, yet it still offers advanced features like a five-sided convection chamber to distribute warm air evenly and a single air control for easy regulation of burn and heat output. The Answer's door opening is 2 inches taller than most other small inserts, so you can load it with larger pieces of wood. The Answer has the largest firebox available in a small insert, so it offers longer burn times and gives you more time to enjoy watching the flames between fuel loadings.

Options: *Doors, Finish Panels, Convection Fan & Etched Glass*

Answer Inbuilt Specifications

| Emissions | Heating Capacity | Heating Output | Max Burn Time |
|--------------------|------------------|----------------------|--------------------------|
| 3.2 g/Kg Per Hr | Up to 160sqm | 66,800 BTU's/Hr | Up to 8 Hours |
| Firebox Size | Max Log Size | Weight | Construction |
| .05 Cubic Mtr | 457mm | 135Kg (body only) | 9.5 - 6mm Steel Plate |

'LOPI FACTS'

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.



Shown with Shadowbox™ face and one piece surround panel

The Lopi Flush Wood is the latest addition 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 new streamlined Lopi offers the option of two faces, the Shadow Box and Cypress, featured below. Both the Shadow Box 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 Shadow Box face is designed for those wanting straighter lines to fit with a more contemporary design. The Lopi Flush Wood is standard with a convection fan.

Options: *Shadow Box or Cypress Face*
Zero Clearance Box - for timber frame installation
 See www.lopi.com.au for more information
 GreenStart™



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 |



Optional Cypress Face with Accent Lights

Now Featuring New Clean Burning Hybrid-Fyre™ Technology



Shown with Cypress™ face and one piece surround panel

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 catalytic assist technology. Primary combustion burn occurs in the firebox with our secondary tubes re-burning gases before they leave the firebox, we are then making those same gases pass through a catalytic combustor leaving virtually no smoke to exit the appliance. The net result of this is a super clean burning insert, with emissions of just .90 grams with hardwood. Also 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 a convection fan.

Options: *Shadow Box or Cypress Face*
Zero Clearance Box - for timber frame installation
 See 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 |



Optional Shadowbox™ face



Shown with pewter door and 8" surround panels.

The Freedom Bay is proof that beauty and function really can be engineered to go hand in hand. At an emission rate of only 2.5 grams per hour, it is the cleanest burning large insert ever tested and approved by the EPA. 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 |
|-----------------|------------------|-------------------|-----------------------|
| 2.5 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 |

'LOPI FACTS'

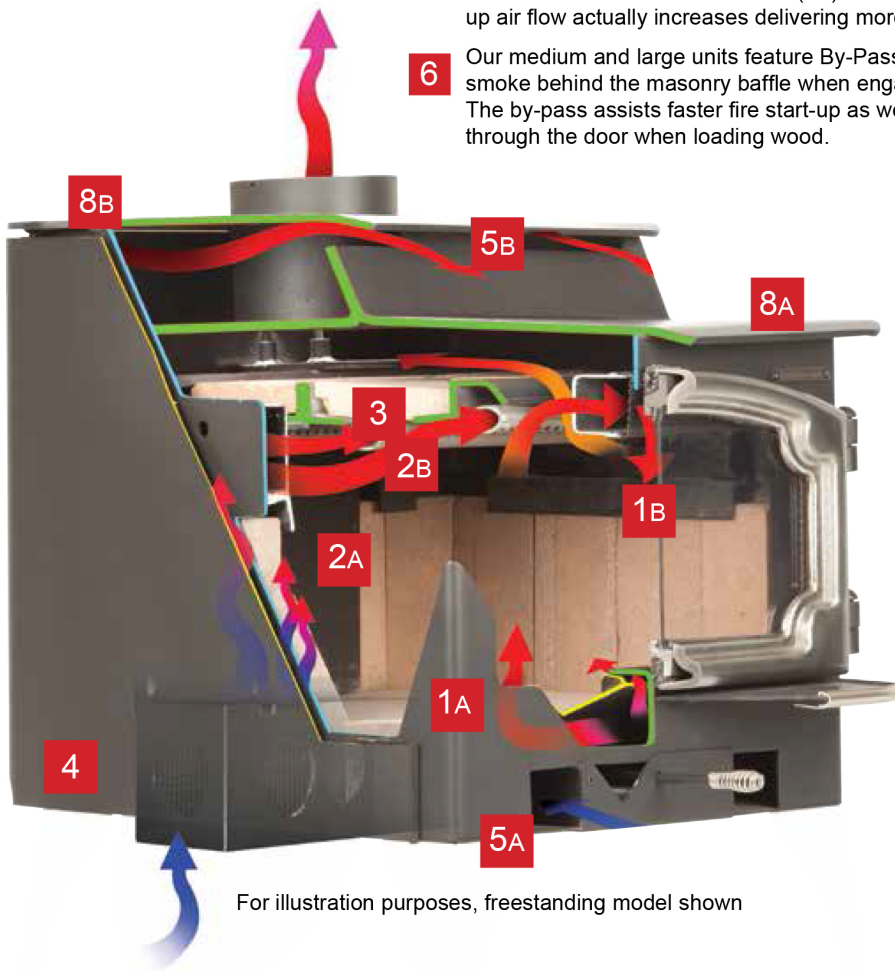
HOW DO YOU SAY LOPI?

We hear a lot of different pronunciations - Lopey...Loopee...Lopy! It's actually pronounced Low-pie, and was created by our president, Kurt Rumens. The name was inspired by a love of the Northwest, a fascination with Native American culture and the nature and wildlife that live in this beautiful place. Lopi means beauty, strength and independence and has become a legend all its own.

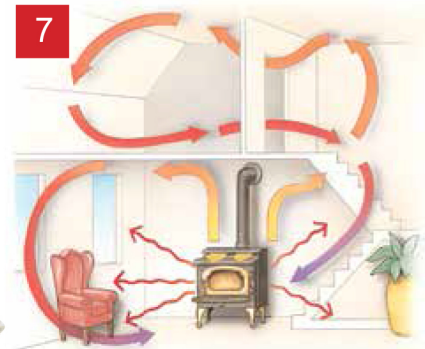
How A Lopi Wood Heater Works

- 1 Pre-heated air wash cleans the glass like a self-cleaning oven; (1A) a steady stream of fresh air enters the stove, 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 stoves 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 stoves 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



www.stevewaughfoundation.com.au



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