

OWNERS MANUAL

Fireplace Wood Heaters



CONTENTS

TOPIC	PAGE NUMBER(S)
Heater Dimensions & Hearth Clearances	2
Installation Guides	3-11
Clearances	3
Installing the Firebox & Flue	4
Flue Installation Diagram	5
Fascia Assembly – Rhapsody, Innovator & Jumbo	6-7
Fascia Assembly – Convector, Countryman, Clydesdale	8-9
Baffle Plate Installation	10
Handle Assembly	10
Installation Checklist	11
Operational Instructions	12-13
Curing the Paint	12
Lighting a Fire	13
Optimising Efficiency	13-14
Choosing Firewood	14-15
Personal Firewood Collection	14
Firewood Suppliers	14
Firewood Selection Tips	15
General Maintenance & Care	15
Repairs & Part Replacements	16
Replacing the Firebricks	16
Replacing the Baffle Plate	16
Replacing the Door Seal	16-17
Replacing the Handle	17
Available Spare Parts List	18
Warranty Details	18
Important Warnings	19

1. HEATER DIMENSIONS & HEARTH CLEARANCES

All wood heaters require a front and side clearance from combustible materials, including flooring and furnishings. This is facilitated by installing a floor hearth. The below details the dimensions of each heater and the minimum hearth clearance required.



	WIDTH X HEIGHT (mm)		DEPTH (mm)	HEARTH CLEARANCE (mm)	
	Firebox	Fascia		Firebox	Front
Rhapsody Built-in*	590 x 600	790 x 710 or 990 x 810	330	485	200
Innovator Built-in*	715 x 600	920 x 710 or 1120 x 810	330	485	200
Jumbo Built-in*	715 x 600	920 x 710 or 1120 x 810	450	485	200
Convector Built-in	650 x 600	975 x 750	450	325	200
Countryman Built-in	750 x 650	930 x 800	450	650	200
Clydesdale Built-in	850 x 650	1030 x 800	450	700	200

*Two fascia sizes available for these models.

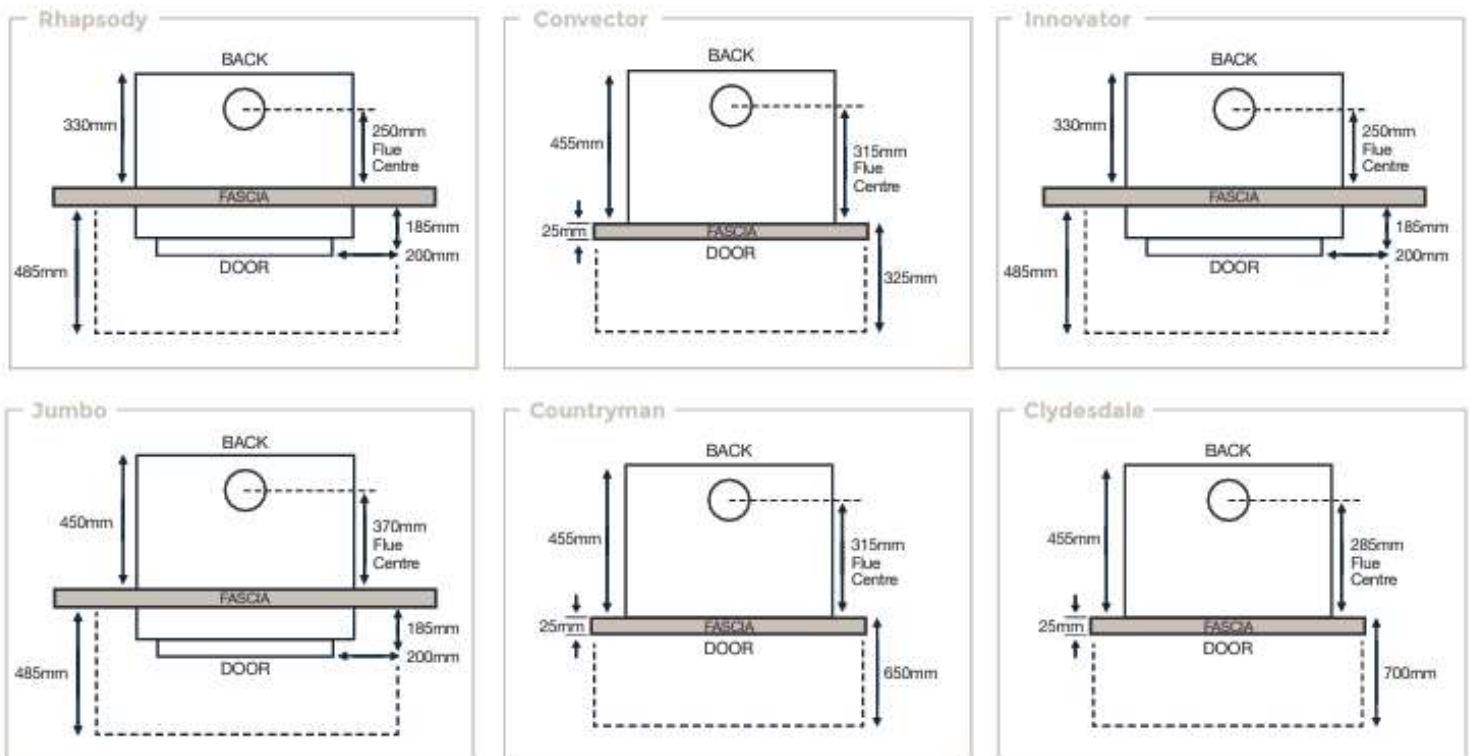
2. INSTALLATION GUIDES

SAFETY CLEARANCES

All Jarrahdale fireplace wood heaters are designed and passed to be installed into a non-combustible fireplace cavity. This includes masonry materials, steel frame/metal studs with fibre cement sheet cladding – no timber or gyprock.

False cavity structures must be constructed from steel frame and fireproof board (blue board, fibre cement) Extra protection can be in the form of Kaowool blanket lining. The flue system must be triple cased from the top of the heater right the way through. The clearance from steel studs and fireproof board is a 25mm airgap.

The below diagrams illustrate the size of each unit, distance to flue centre and the minimum hearth clearance required for each model. Clearances are also required within the fireplace cavity, around the sides of the firebox. The table shows the minimum cavity size needed for each heater.



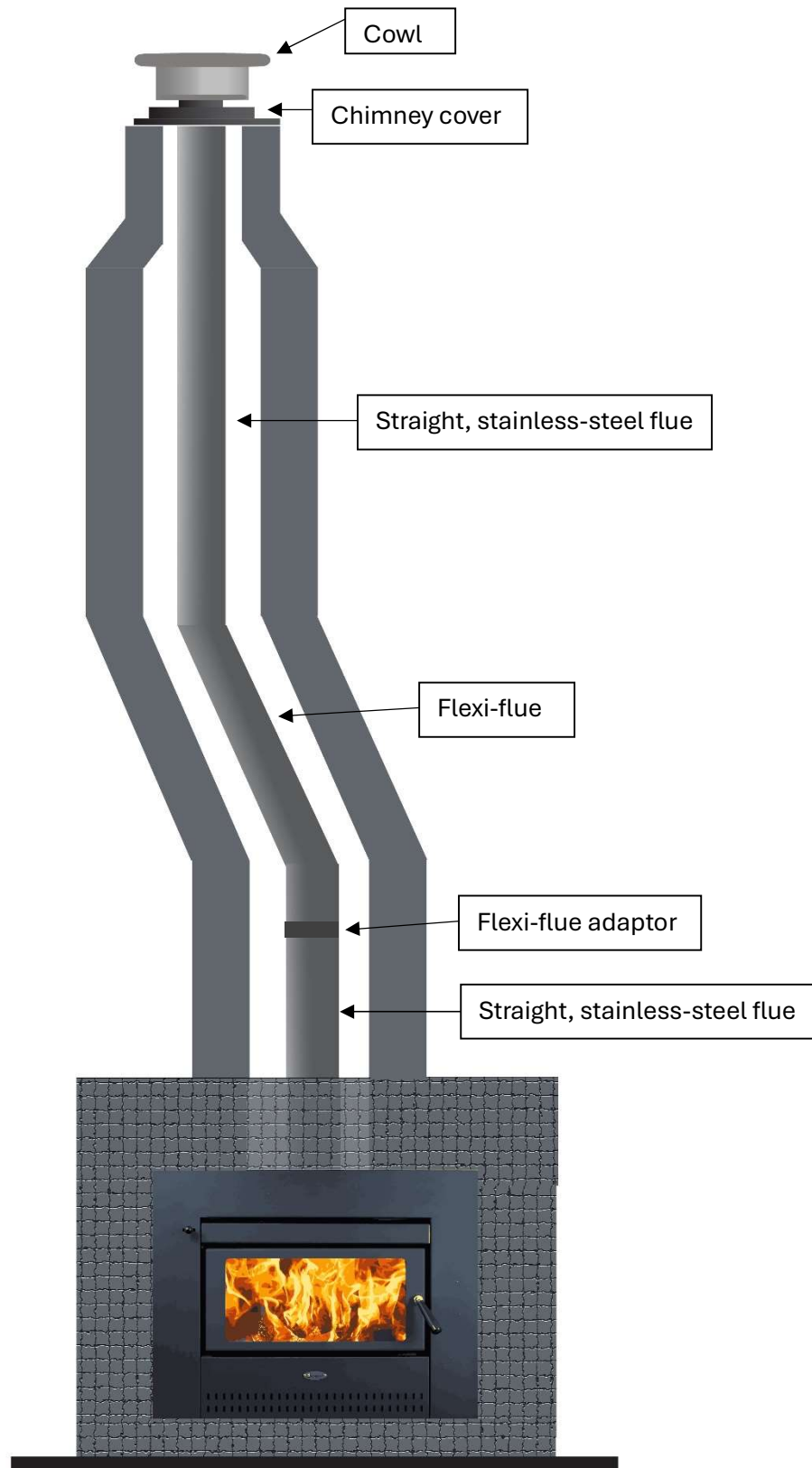
MINIMUM NON-COMBUSTIBLE CAVITY DEPTH REQUIREMENTS:

MODEL	WIDTH (mm)	DEPTH (mm)	HEIGHT (mm)
Rhapsody Built-in	600	340	610
Innovator Built-in	725	340	610
Jumbo Built-in	725	460	610
Convector Built-in	660	460	610
Countryman Built-in	760	460	660
Clydesdale Built-in	860	460	660

INSTALLING THE FIREBOX AND FLUE

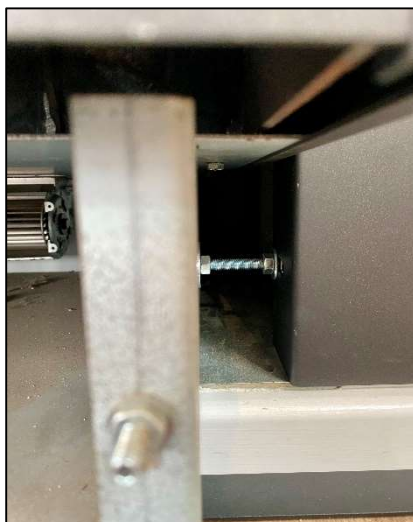
1. The flue recommended for use in Australia is a stainless-steel inbuilt flue kit.
2. Measure the fireplace recess and remove bricks as necessary to fit the heater firebox. The dimensions are shown in this manual. Clear away any rubble and clean.
3. Check the distance back from the face of the opening to the centre of chimney to determine whether the flue will require an offset fitting or flexi flue. If needed, fix it to the lower end of the assembled flue sections in the chimney and lift the flue assembly up while the firebox case is pushed back into the recess. **Note that the flexi flue requires a flexi flue adaptor (small double ended crimped stainless-steel section) to attach the flexi flue to the heater or to a length of flue.**
4. Verify that the heater will be fully supported in a level position when installed.
5. Slide the heater in and adjust its position so that its flange is 25mm proud of the fireplace opening.
6. **Do not fit the fascia panels until the flue is in the heater spigot.** The top firebox baffle may be removed to help guide the flue into the spigot. Lower the flue into position.
7. At the top of the brick chimney, fit the galvanized chimney cover and secure it to the bricks, making sure the brick chimney opening is completely sealed so no water can enter.
8. Cut the active flue 30mm lower than the top of the galvanised upstand on the chimney cover and then fix the cowling with 2 x screws to the galvanised casing.
9. Now fit the fascia panels to the heater, as per instructions provided in this manual. Please locate the fascia assembly instructions relevant to your heater model.
10. Plug-in the fan wiring harness and the fan power lead into the power point, check all is operational and both high and low speeds are functioning.
11. Replace the baffle if this has been removed.

FLUE INSTALLATION DIAGRAM



FASCIA ASSEMBLY INSTRUCTIONS FOR RHAPSODY, INNOVATOR & JUMBO

1. Fit the heater into opening. Leave front of heater out approximately 185mm from the wall
2. Assemble side panels using nuts and bolts provided, leaving nuts loose on pedestal and a small gap between side fascia and body (Fig. 1). Please note there is a left and a right-side fascia panel.
3. Position cooktop on heater. Fit bolts with large square washers and hand tighten dome nut (Fig. 2).
4. Push cooktop and side fascia into position and tighten bolts. If side fascia and cooktop do not push flush with the wall, then push the heater back until they are flush. Tighten nuts, pulling side fascia into position on bottom of pedestal and secure with lock nut. **DO NOT OVER TIGHTEN.**
5. Clip electrical plug together (Fig. 3).
6. Position bottom fascia and lightly tighten small dome nuts (Fig.4).

Fig.1 – Assembling side panels**Fig. 2 – Fitting Cooktop**

FASCIA ASSEMBLY INSTRUCTIONS: RHAPSODY, INNOVATOR & JUMBO (CONT.)**Fig. 3 – Electrical Plug****Fig. 4 – Fitting Bottom Fascia**

FASCIA ASSEMBLY INSTRUCTIONS: CONVECTOR, COUNTRYMAN & CLYDESDALE

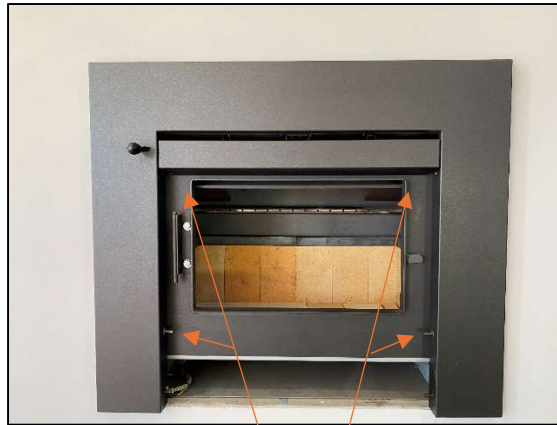
1. For the Convector, Countryman and Clydesdale models you must remove the door to fit the fascia bolts and bottom centre panel. Open the door halfway, lift the door up and it will come off its pin. Pull the top of the door towards you slightly and lower down so it is clear of the pin.
2. Before fitting the fascia, unscrew and remove the air control knob, located top left of the heater and remove the door (Fig. 1a).
3. Knock outs are located either side of the fascia for the fan power cord to come out. Knock out the tab and fit plastic gland to power cord and twist into place (Fig. 1b).
4. Fit the heater into the fireplace cavity.
5. Secure side fascia panels to heater body by fitting top bolts and bottom screw-in pins (Fig. 1c).
6. Replace air control knob, fitting it through the opening on the left side panel and plug in fan loom
7. Fit bottom centre fascia panel onto the pins, lift and drop down. Push down till level with the bottom of side fascia (Fig. 2).
8. Fit the door back onto the heater. To re-fit, line the pin up with the bottom hole on the door hinge and lift the door up until it is clear of the pin at the top, push in slightly and drop down into place (Fig. 3).

Fig.1a – Remove Air-control knob

Remove air control knob by unscrewing to fit fascia, screw back on afterwards.

Fig.1b – Fan Power Cord

Knock outs either side of fascia for fan power cord release. Knock out, fit plastic gland to power cord. Twist into place.

Fig.1c – Secure Side Fascia

Fit top bolts and bottom screw in pins to secure fascia to heater body.

Fig. 2 – Fit Bottom Fascia

Fit bottom centre fascia panel onto pins, lift and drop down. Push down until level with bottom of side fascia panels. Ensure fan loom is plugged in and test.

Fig. 3 – Fit the door

Line the pin up with the bottom hole on door hinge, lift the door until it is clear of the pin at top, push in slightly and drop into place.



BAFFLE PLATE INSTALLATION

The following video details instructions on how to install a baffle plate to a Jarrahdale Wood Heater. For written instructions, please see page 16 of this manual.

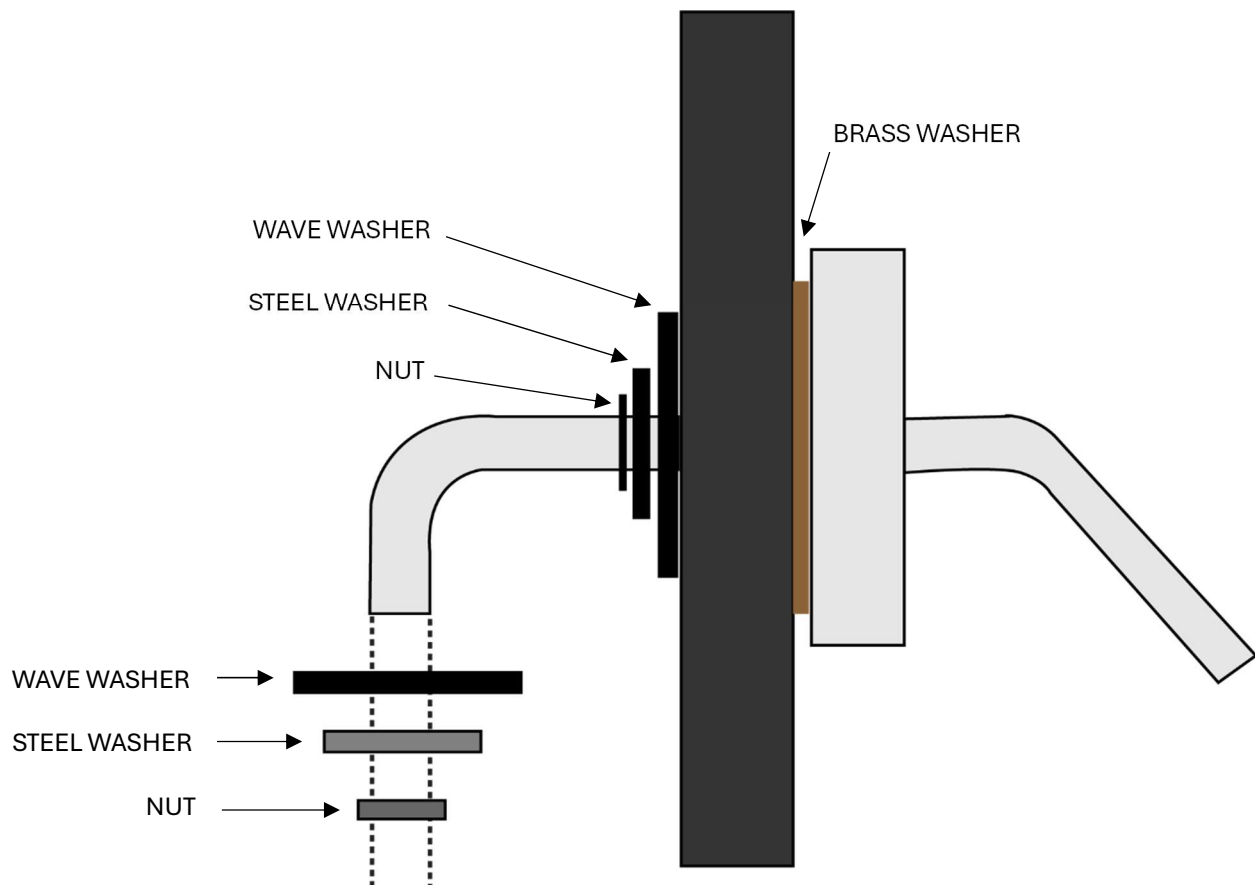
Video Link:

https://youtu.be/PZXL95loz7Q?si=yNB4tRr_zmv9JvPF



HANDLE ASSEMBLY

The following diagram indicates the correct position for each component of your wood heater door handle.



INSTALLATION CHECKLIST

Jarrahdale Heaters have been carefully developed to ensure a well-balanced firebox that will burn a wide variety of hard woods over a longer period. To ensure a safe and efficient slow combustion fire, it is important to follow correct installation procedures. Jarrahdale Wood Heaters should be installed by following the instructions in this manual and in accordance with Australian Standards AS/NZS 2918:2018. The below installation checklist is a quick reference guide only and should be read in conjunction with all other pages of the owner's manual.

The following checklist applies to the installation of a Jarrahdale inbuilt wood heater:

1. Ensure your hearth is the correct size. See page 2-3 of the manual for the specs for each model.
2. Check fireplace has sufficient clearance from the walls. Please see page 2-3 for minimum clearance measurements.
3. Ensure the flue is clear of any combustible materials inside the roof including, but not limited to, timbers, ducting and insulation. The minimum clearance for triple skin flues is 25mm from combustible materials. For twin skin flues the minimum clearance is 90mm from combustible materials.
4. The chimney section should be properly secured, and chimney flashing made waterproof using screws and/or a suitable sealant. Please see pages 4-5 for further flue installation instructions.
5. Check the baffle plate is in the correct position. The large lip on the baffle plate should be facing up and towards the front of the unit. Push back to rear of firebox. Please see pages 10 and 16 for further information.
6. Install your wood heater in compliance with AS NZS 2918:2018 Australian Standards, as set out in this manual. To purchase a complete copy of these standards, visit: <https://storestandards.org.au/> (*web address correct at time of publishing*).

3. OPERATIONAL INSTRUCTIONS

INITIAL USE: CURING PAINT

Your new wood heater has been painted with the highest quality silicone stove paint. This paint will harden and becomes more durable **if it is slowly introduced to heat**. When lighting your wood heater the first few times, follow the below instructions to ensure the paint has properly cured and hardened:

- Ventilate the house during the first three times the stove is used. The paint on the heater will give off smoke and has an odour. Without adequate ventilation smoke may build up, so open doors and windows and use a fan if necessary. After these initial burns the paint will be cured and there should be no more smoke.
- Do not touch the surface. It will be soft and gummy during the paint curing phase. Once cured, it will not be soft again.
- Most wood heaters cure within the first three (3) burns. For the first two (2) fires, ensure the fire runs at approximately 121 degrees Celsius for 20 minutes. This is approximately one third (1/3) of a normal fire.
- Let the stove cool down completely between the first three burns.
- For the third and final burn in the curing process, gradually bring the fire up to 260 - 371 degrees Celsius for at least 45 minutes. This is the heat of a normal fire.
- Curing can usually be observed by the effect of the paint turning flat as the heat radiates out from hotter parts of the stove.
- **Note:** Wood heaters with a cooler surface temperature and heaters that have been painted before, will take longer to cure.
- Most importantly, cure slowly. Avoid excessive heating for the first three burns for durable, long lasting paint work.

Paint Curing Checklist:

- ✓ Ventilate well.
- ✓ Do not immediately introduce excessive heat to the wood heater.
- ✓ Cure with 3 smaller burns.
- ✓ Gradually increase the heat on the third fire, building up to at a 'normal' heat level.
- ✓ Do not touch the wood heater until after the first three burns.

For further information regarding curing your wood heater, please contact Jarrahdale Heating and Cooling.

Please Note: Where a wood heater has not been properly cured, surface issues such as paint lifting and or bubbling will not be covered by warranty. Jarrahdale Heating & Cooling take no responsibility for surface damage resulting from failure to correctly cure the paint.

LIGHTING A FIRE

- Step 1:** Always use clean dry wood. Never use green wood.
- Step 2:** Place crumpled newspaper into the firebox with dry kindling on top. **DO NOT USE FLAMMABLE LIQUIDS.** This is dangerous and can damage the firebox.
- Step 2:** Locate the Temperature Control. For the Convector and Convector Wood Stacker this is the lever located on the top side of the heater. For the Rhapsody, Innovator and Jumbo this is the air-slide located towards the bottom of the heater. It controls how much air enters the firebox. Move the Temperature Control LEFT, to the HIGH position.
- Step 4:** Light the fire and close the door.
- Step 5:** Once the kindling has taken, add larger pieces of dry wood and close the door. Keep the Temperature Control in the HIGH position until the fire is well alight; then move it RIGHT, to the LOW position.
- Step 6:** Logs may now be added. Position logs with short ends closest to the glass to aid air flow.
- Step 7:** Each time you add more wood to the fire, move the Temperature Control to the HIGH position, until the fire has taken again (usually about 10 minutes). The Temperature Control can then be set to OFF.
- Step 8:** A bottom layer of ash will build up in the firebox. This forms a base for the next fire – do not remove. This only needs cleaning when the ash reaches door height. Often the ash still retains hot embers that only need some kindling added and the Temperature Control set to HIGH to restart a new fire.

FAN OPERATION

- There are three fan positions – OFF / LOW / HIGH
- HIGH mode – Use when the Temperature Control is set to “HIGH” and only when the heater is hot.
- LOW mode - Use when the Temperature Control is set to “HIGH OR MEDIUM.” Can be used for longer periods.

Important Notes:

- Never overload the wood heater. The firebox should not be more than a maximum two-thirds full. This assists airflow.
- Always keep the door closed during normal heater operation.



OPTIMISING EFFICIENCY

Jarrahdale Wood Heaters are designed to be operated as a slow combustion heater. This means the combustion rate is slower to allow the fire to burn gradually for many hours.

To facilitate effective slow combustion, **hot embers should always be established first, before adding larger logs.** This is done by setting the Temperature Control to HIGH (position left) for approximately 10 minutes when lighting the fire, then adding larger logs to the fire and setting the Temperature Control to LOW (position right).

Creosote

If larger logs are added to the fire before establishing adequate base heat, you may experience a build-up of creosote. Creosote occurs when a fire smoulders for a long time, not generating enough heat to burn the smoke driven out of the wood, and this smoke condenses on all cool surfaces to form creosote. It occurs on the glass door as a black smoke mark and inside the flue itself. Creosote sticks to the sides of the flue with some running down into the firebox.

However, creosote is quite easily avoided. Simply follow the 'Lighting a Fire' instructions above for a clean and efficient wood fire.

IN THE EVENT OF A CREOSOTE BUILD UP:

- ✓ Run the heater on high twice a day for approximately 45 minutes. This will help to burn out creosote deposits.
- ✓ Clean creosote off the glass door using a soap pad or a recommended heater glass cleaner. Only clean glass when the fire is not in operation, and the glass is cool to the touch.
- ✓ Check to ensure you are only using clean dry wood, not green wood.



4. CHOOSING FIREWOOD

PERSONAL FIREWOOD COLLECTION

In Western Australia firewood collection is restricted to three state forest regions: Swan (Perth Hills), Southwest and Warren. These regions are governed by the Department of Biodiversity, Conservation and Attractions and designated areas have been established for firewood collection for personal use.

For further information regarding current collection areas, rules, regulations, and a downloadable map visit: www.dbca.wa.gov.au (*www. correct at time of publishing*).

COMMERCIAL FIREWOOD SUPPLIERS

Perth Metro

There are numerous commercial firewood suppliers located in the Perth metro area that sell to the public and home deliver.

To help locate a firewood supplier offering a consistent supply of quality timbers, we have compiled a *Firewood Suppliers List*. This list features suppliers in the Perth area that we have come to know as reputable through customer endorsements and our own experiences.

As suppliers and availability can fluctuate, please contact Jarrahdale Heating and Cooling for the latest copy.

Please Note: The suppliers list is provided for your convenience. We are in no way affiliated with the suppliers listed. Always conduct your own evaluation before making a purchase.

Regional WA

For a list of sustainable firewood suppliers in regional Western Australia please visit the Forest Product Commission website.

FIREWOOD SELECTION TIPS

Refer to the following recommendations to select the best firewood for your Jarrahdale Wood Heater:

1. **Make sure timber has been properly dried.** Split wood takes several months to dry enough for an efficient burn. Due to time constraints, firewood suppliers do not always have time to do this for you. While the supplier may have started the drying process, high demand may mean the wood is sold before it is completely dry.
2. **Plan ahead – wood drying happens at home.** For the reason explained above, purchasing your wood well before winter to ensure it is sufficiently dry. Stack timbers in a dry, well-ventilated location, such as a woodshed or under a secured tarp. If timbers must go directly on the ground, its best to create a stack on top of a pallet or similar, allowing ventilation underneath.
3. **Seasoned, untreated hardwood is best** such as Jarrah and Wandoo. While no one likes to think of tress being cut down, firewood suppliers have a special license to collect timbers and these permits are issued as part of the state's fire prevention and control strategies. Firewood suppliers must abide by strict permit locations, quantity restrictions and regulations.
4. **Select timber that has been pre-split and chopped relatively small.** When lighting a wood fire, its best practice to begin with small pieces of kindling and gradually add larger logs as the intensity of the fire increases. Adding a few small to medium pieces rather than one large log also allows for air flow between the sections as the fire builds. Larger logs are placed once the fire is sufficiently roaring.

FIREWOOD TO AVOID

- Never burn wet or green wood – this can lead to creosote build-up.
- Never burn treated or painted timber as the flames may be dangerous.
- Never burn driftwood as salt may corrode the firebox.



5. GENERAL MAINTENANCE & CARE

ASH REMOVAL

Only remove ash once it has built up is to door level. Ash can be easily removed with a dustpan and brush, emptying into a metal container. Cold ashes can be safely deposited in the garden. Always leave a 10mm layer of ash in the bottom of the firebox.

CLEANING PAINTWORK & GLASS

Clean all painted metal surfaces using a damp cloth only. Do not use *Brasso* or any other abrasive products as this can damage the paint.

Clean the glass door using a soap pad or a recommended heater glass cleaner. Only clean glass when the fire is not in operation, and the glass is cool to the touch.

CLEANING THE FLUE

At least once a year the chimney and flue must be cleaned. Simply remove the baffle plate, which is situated in the firebox, before sweeping the flue using a flue brush.

6. REPAIRS & PART REPLACEMENTS

After many years of roaring fires, your Jarrahdale wood heater may require servicing or replacement parts to keep it in great condition. Commonly, this includes standard maintenance such as replacing the seals and a chimney sweep. Other parts that may occasionally need replacing include the firebricks, baffle plate, door glass, door handle and fan.

All replacement parts can be ordered online at <http://www.jhc.com.au>, through our factory-direct showroom in Maddington, or by contacting your local agent.

Before placing your order, please check if the required parts or repairs are covered by your warranty.

REPLACING THE FIREBRICKS

- 1. Allow the Fire to Cool Down:** Before starting, let the fire cool down completely and remove any embers or ash from the stove.
- 2. Remove Damaged Bricks:** Inspect the fire bricks. Carefully remove cracked or broken bricks using your fingers or a screwdriver.
- 3. Clean the Area:** Clean where the old bricks were, using a vacuum and a wire brush. Ensure it's free from debris and ash.
- 4. Insert New Fire Bricks:** Choose replacement fire bricks that are the same size and material as the originals. Identical, replacement firebricks can be purchased through Jarrahdale Heating and Cooling.
- 5. Secure Fire Brick:** Once inserted, secure the new firebricks by place a wood block in front of the firebricks. Gently tap the wood block with a rubber mallet to wedge the brick securely into place along the floor or wall of the wood heater.

REPLACING THE BAFFLE PLATE

- 1. Locate the front of the Baffle Plate.** The front is the side of the plate with the largest lip.
- 2. Ensure the Baffle Plate is the right way up.** The larger lip on the front of the baffle plate should be facing upwards.
- 3. Locate the hangers.** Inside the firebox, on either side of the firebox, are two angles, known as hangers. The baffle plate sits on top of these hangers.
- 4. Position the Baffle Plate:** Place the baffle plate on top of the hangers. The plate is slightly wider than the hangers. Lift the plate up on an angle, then drop it down on top of the hangers. The baffle plate is now fitted.

REPLACING THE DOOR SEAL

- 1. Measure the Rope:** Replacement rope for the door seal can be purchased in a standard length from Jarrahdale Heating and Cooling. Due to the varied sizes of heater doors, the replacement rope may be longer than needed. To measure the rope to size, loosely place the rope around the channel on the inside of the door frame to confirm the required length.
- 2. Cut the Rope:** Apply sticky tape to the excess area to be cut. This prevents fraying. Use a sharp pair of scissors to cut the rope to size.
- 3. Locate Starting Point:** Locate the middle of the rope channel on the short side of the heater door, directly behind the door handle. This is the ideal starting point for placing the rope around the channel.
- 4. Fit the Rope:** Gently push the rope into the channel, moving in a clockwise direction. Work your way around, guiding the rope into the channel using light to medium pressure.
- 5. Support the Rope:** New rope can be stiff. Use your free hand to keep it in place as you work your way around. Don't worry if it does not go all the way into the channel. We will resolve this in the next step.

6. **Secure the Rope:** Run the handle of a butter knife along the rope to help push any protruding rope fully into the channel.
7. **Seal the Door:** Check the door can fully close and latch. Open and close the door several times, to ensure a perfect seal.

REPLACING THE DOOR HANDLE

Please refer to the diagram on page 7 for guidance to replace the door handle. Replacement handles are available from Jarrahdale Heating and Cooling.



AVAILABLE SPARE PARTS LIST

A large range of replacement parts are available from Jarrahdale Heating and Cooling to help keep your wood heater looking like new for many years to come. Parts can be ordered directly or through your local authorised dealership.

The below table lists the most common replacement parts available, however this is not exhaustive. If a part you require is not listed, please contact us.

CATEGORY	AVAILABLE PARTS
Doors, Seals & Repairs	
	Stainless Steel Heater Badge
	Mallee Root Front Air Control
	Bakerlite Handle & Lever Knobs
	Door Handle, complete
	Glass Frame
	Replacement Glass with tapes
	Door Rope (seal)
	Glass Tape
Flue Kits & Flue Parts	
	Cowls
	Chimney Covers
	Ceiling Plates
	Drop Boxes (various)
	Flue Guards
	Decorative Flue Mesh
	8" Flue Kits 4m, painted and uncoated
	6" Flue Kits 4m, painted and uncoated
Baffle Plates	
	Available to suit all models
Maintenance & Cleaning	
	Firebricks
	Stovebright Heater Paint
	Stovebright Heater Glass Cleaner
	Flue Brush Kits
Accessories	
	Wood Storage Rings
	Wood Racks
	Universal Child Guard
	Hearths
	Wood Heater Tool Kit

7. WARRANTY DETAILS

Every Jarrahdale wood heater includes a comprehensive warranty that begins from the date of installation.

The warranty includes:

- 10 Year Firebox Warranty
- 12-month fan warranty (where applicable)
- 3 Year Baffle Warranty
- 12-month Air Tube Warranty



Tampering or incorrect use of your Jarrahdale wood heater will void any warranties associated with your wood heater. Proof of purchase must be shown prior to warranty approval.

Warranty Claims

For all warranty claims, please contact the Jarrahdale Heating and Cooling service department: 08 9493 6512.

Firebox Warranty Repairs

Please note that firebox repairs cannot be completed onsite. The heater must be removed and sent to:

Jarrahdale Heating & Cooling

10 Malcolm Rd,
Maddington WA, 6109

Costs associated with the removal and re-installation of the wood heater, plus transport costs, are not covered under the manufacturer warranty.

6. IMPORTANT WARNINGS

- **WARNING.** ANY MODIFICATION(S) OF THE COMPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED AS BREACHING AS/NZS 4013.
- **WARNING.** DO NOT USE FLAMMABLE LIQUIDS OR AREOSOLS TO START OR REKINDLING THE FIRE.
- **WARNING.** DO NOT USE FLAMMABLE LIQUIDS OR AREOSOLS IN THE VICINITY OF THIS APPLIANCE WHEN IT IS OPERATING.
- **WARNING.** DO NOT STORE FUEL WITHIN HEATER INSTALLATION CLEARANCES.
- **WARNING.** OPEN AIR CONTROL (AND DAMPER WHEN FITTED) BEFORE OPENING DOOR.
- **WARNING.** THIS APPLIANCE SHOULD NOT BE OPERATED WITH A CRACKED GLASS.
- **WARNING.** THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THE INSTRUCTIONS INCLUDED IN THIS OWNERS' MANUAL
- **CAUTION:** THE USE OF SOME TYPES OF PRESERVATIVE TREATED WOODS AS A FUEL CAN BE HAZARDOUS.