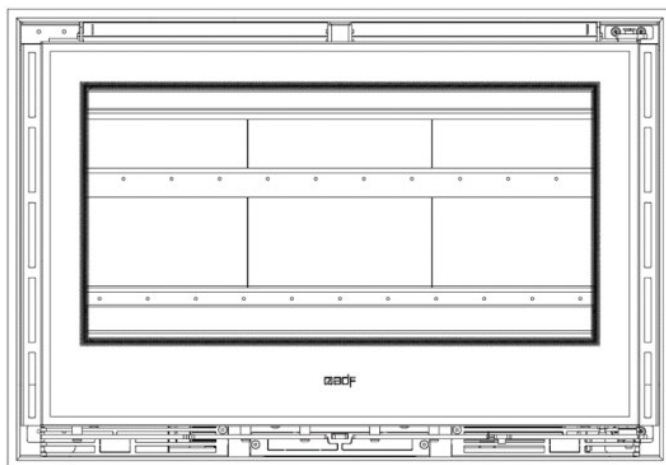


# Owner's Manual

## Clare Freestanding 60VT, 80, 100



Supplied by:  
Castworks Pty Ltd  
12 Fiveways Boulevard  
Keysborough VIC 3173

**TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014**

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Please read this manual thoroughly before installing and starting your free-standing appliance.

**Keep these instructions for future reference.**

V05032025

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CE Marking label with serial number

## 1. Introduction

Congratulations on your purchase of your new ADF woodfire appliance!

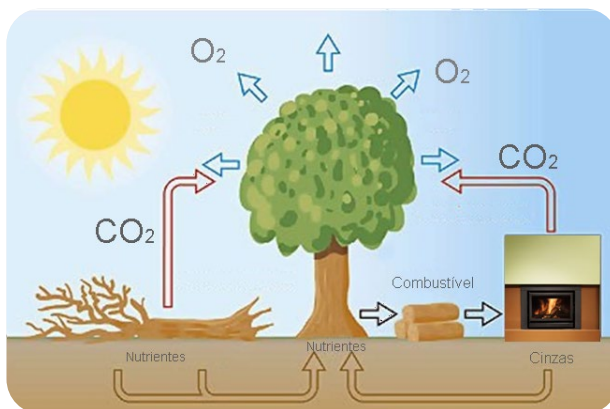
Years of extensive research and dedication to innovation and quality, since 1976, has resulted in these beautifully designed European appliances, constructed to strict Portuguese and European legislation, and tested and Certified to the Australian Emissions, Efficiency and Safety standard requirements guaranteeing excellent performance.

Please read this manual fully to ensure safe and efficient use of your heater and to comply with the warranty guidelines.

### Solid Fuel – Ecological Energy

Through photosynthesis, plants capture energy from the sun and transform it into chemical energy. The trapped energy, e.g. in the form of wood, pellets, coal are called biomass fuels and can be converted into various forms: electricity, fuel or heat. Biomass burning causes the release of carbon dioxide into the atmosphere, but since this compound had previously been absorbed by the plants that originated the fuel, the CO<sub>2</sub> emissions balance is zero, not contributing to the greenhouse effect on the planet.

Firewood is the most environmentally friendly way of producing heat in your home, as it is a fully renewable resource. The amount of CO<sub>2</sub> that is released during the combustion of firewood is not higher than the amount that would be released from its natural decomposition. Wood ash is a mineral fertilizer easily absorbed by the environment in a totally ecological way.



## Firewood – Use

### Choosing your wood

All wood types have a different calorific value. You should choose only well-seasoned hard woods. Do not use logs that are too large. Split round logs so they cannot roll and cause a hazard.

### Drying your wood

Whichever firewood is chosen, it must be very dry and seasoned. Unseasoned or green firewood does not heat as much, because a large part of the energy is consumed in the evaporation of the water and creosote contained in the wood, which is highly corrosive and will damage the appliance and consequently it could void your Warranty. In addition, moist firewood produces a large amount of smoke and little flame, which will foul the appliance, the glass and the chimney. When raining the stored wood should be covered and well ventilated. Generally, green wood should be left to “season” for two years.

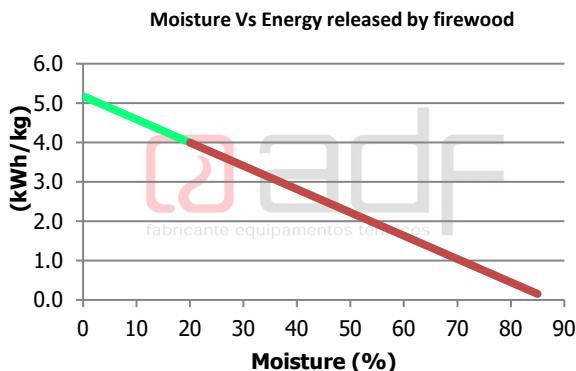
### Wood to Avoid

Softwoods and low-density wood: This kind of firewood releases a lot of heat but burns too quickly and produces embers and resin that foul the chimney and the interior of your woodstove. These should be used as Kindling only, for starting your fire.

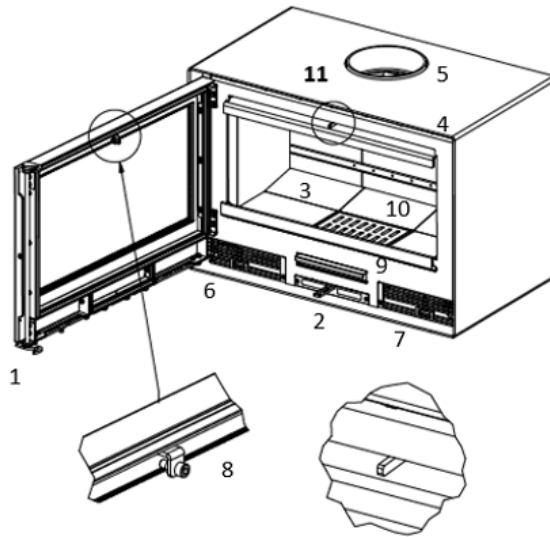
### Do not use:

Wood with varnish, exotic wood, treated/painted timber, or compressed boards that can produce toxic fumes which will damage the appliance. Do not use drift-wood or coastal wood with high salt content, it will quickly damage the heater.

All ADF appliances are designed to burn firewood and firewood only, with less than 20% moisture content. The use of unseasoned firewood or firewood with moisture or other types of fuel not recommended will void the warranty. See below, the drier the wood the better heat you get out of it.



## 2- Appliance Layout



#	Description	#	Description
1	Door lever - pull out lever on Bottom RHS of door	7	Fan switch (I, O, II)
2	Combustion Air control: Push/Pull slider at the base below the Door. Open (+) Pull to the Front Close (-) Push in to the Rear	8	Flue outlet draft tuner – Unscrew, Less Draft, Screw in -More draft
3	Vermiculite brick linings – side, rear, base, and lower baffle bricks. Upper baffle stainless steel.	9	Ash Drawer
4	Convection outlet	10	Ash Grate
5	Smoke Outlet – Top Flue 7" or 6" Crimped (60VT)	11	Automatic Damper for flue exit
6	Convection Air Inlet		

### Important:

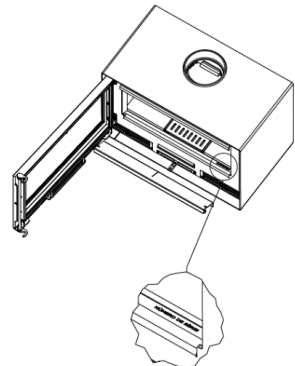
- Please read this manual thoroughly before installing and starting your free-standing appliance.
- Installation must be carried out by a licenced and certified installer.
- Keep these instructions for future reference.

### 3- Technical Specification

Specifications	Unit	60VT	80 B	100 B
TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014 ASFT NATA Lab test: ASFT Burning Harwood				
Maximum Avearge Heat Output	kW	7.3	7.7	10.0
Overall Average Efficiency	%	71	67	71
Particulate Emission Factor	g/kg	0.8	0.7	0.6
Maximum firewood load	kg	8.3kg	7.6kg	9.8kg
Minimum clearance distances from combustibile materials	mm	See page 11.		
Flue Diameter	mm	152 (6")	180 (7")	180 (7")
Outside air replacement Area into the room	cm2	90	127	127
Recommended Fuel	Burn only Hardwood Moisture ≤ 20%			
Electrical Specification	W	38		
	V	220-240		
	Hz	50/60		
Fan Settings	Thermostat Low, Manual High.			

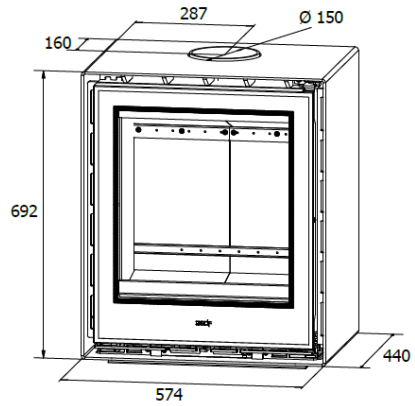
<b>Model</b>	Width	Depth	Height	Weight
Dimensions (mm)				
Clare 60VT	595	430	695	65
Clare 80	790	430	545	80
Clare 100	990	430	545	83

The equipment's serial number is also marked on the equipment, below the ash deflector and in this manual pg. 31 on the respective characteristics label.

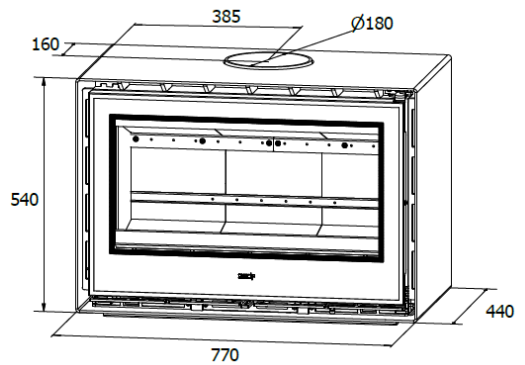


## Dimensions (mm):

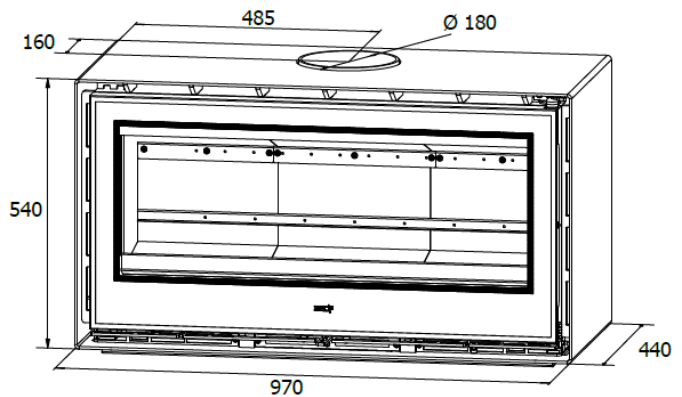
Clare 60VT



Clare 80S



Clare 100





# **WARNINGS:**

A wood burning heater is, by its nature, an appliance that operates at high temperatures, so it is necessary to take into account potential risk factors that should be avoided at all costs. Children must be kept away from any combustion appliance and supervised in the room at all times.

Installation must be carried out by a licenced and certified installer.

The installation must meet the requirements of the manufacturers instructions, AS2918 and the Building Code of Australia.

The appliance must be installed in such a way as to allow easy maintenance.

Incorrect installation may cause serious damage to the equipment and the safety of people and property.

Before installing your appliance, please ensure the following:

- The appliance must be installed on a heat-resistant surface to 600°C.
- The floor must be structurally sound, to support the installation weight.
- The compartment below the heater should not be used to store combustible materials (NM-RS models).
- For tightly sealed homes, replacement outside air must be supplied to the room with the heater, a minimum equivalent to half the cross-sectional area of the flue, see table i.e. 90cm<sup>2</sup> free air for 60VT.
- Follow the clearances to combustible materials as shown on page 9. and 10.
- Your appliance must be non-permanently installed and easily accessible to ensure general maintenance (chimney and equipment).
- The equipment must not be cemented into its enclosure under any circumstances.

**Keep these instructions for future reference.**



# **WARNINGS:**

- REFER TO COMPLIANCE LABEL – DISREGARD ANY CONTRADICTION FUEL TYPE INFORMATION IN INSTRUCTION MANUAL
- **WARNING: THE APPLIANCE & FLUE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918:2001 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.**
- **WARNING: APPLIANCES INSTALLED IN ACCORDANCE WITH THIS STANDARD SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 4013:2014 WHERE REQUIRED BY THE REGULATORY AUTHORITY, I.E. THE APPLIANCE SHALL BE IDENTIFIABLE BY A COMPLIANCE PLATE WITH THE MARKING “TESTED TO AS/NZS 4013:2014”.**
- **ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED TO BE IN BREACH OF THE APPROVAL GRANTED FOR COMPLIANCE WITH AS/NZS 4013:2014.**





#### WARNINGS:

- CAUTION: MIXING OF APPLIANCE OR FLUE SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS. WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.
- CAUTION: CRACKED AND BROKEN COMPONENTS, e.g. GLASS PANELS OR CERAMIC TILES, MAY RENDER THE INSTALLATION UNSAFE.
- **WARNING: ANY MODIFICATION OF THE APPLIANCE 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 AEROSOLS TO START OR REKINDLE THE FIRE.**
- **WARNING: DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHEN IT IS OPERATING.**
- **WARNING: DO NOT STORE FUEL WITHIN THE HEATER INSTALLATION CLEARANCES.**
- **WARNING: DO NOT USE AS AN OPEN FIRE OR OPERATE WITH THE DOOR OPEN.**
- **WARNING: OPEN AIR CONTROL (AND DAMPER WHEN FITTED) BEFORE OPENING FIRING DOOR.**
- CAUTION: THIS APPLIANCE SHOULD NOT BE OPERATED WITH A CRACKED GLASS.
- THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.
- THE USE OF SOME TYPES OF PRESERVATIVE-TREATED WOOD AS A FUEL CAN BE HAZARDOUS.
- THE APPLIANCE OR FLUE SYSTEM SHOULD NOT BE MODIFIED IN ANY WAY WITHOUT THE WRITTEN APPROVAL OF THE MANUFACTURER.
- BURN ONLY HARDWOOD
- Prior to installation check with your state and local authorities regarding any specific regulations that may apply.

## 4-Installation

Keep these instructions for future reference.

All local regulations, including those referring to national standards, must be observed when installing the appliance.



The floor must be structurally sound.

**The Hearth must have a heat-resistant surface to 600°C, with an insulating thickness of non-combustible material equivalent to 6mm of cement sheet with thermal conductivity of 0.026m<sup>2</sup>.K/W per 6mm. e.g. 6mm Bellis Board or equivalent.**

For well-sealed homes, replacement room air from outside with vent opening equivalent to half the area of the flue cross section should be supplied into the room.

**The heater must have its own dedicated flue. The active flue must be the same specified diameter, for the entire length of the flue, and always less than or no more than 45 degrees from the vertical.**

**The Flue terminal must meet the minimum height and external clearances for the flue, according to AS/NZ 2918:2018, see the diagram shown below on page 15.**

The ADF Clare range were each tested with a triple skin flue kit in two positions in a manner confirming to joint Australia/New Zealand Standard 2918:2018. Position A Parallel to the rear wall, and Position B in the corner as shown on page 11.

The base of the units each raised 250mm from the floor protector for the following hearth dimensions to apply. AS/NZS 2918 default requirements apply for installations directly on the floor.

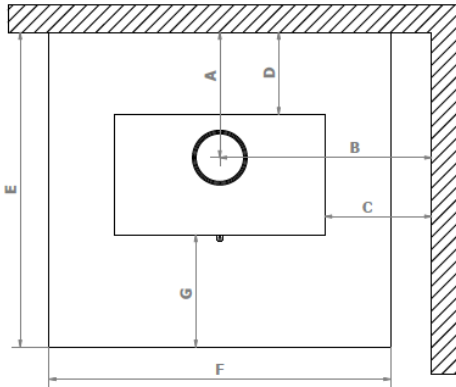
**Note for smaller hearth clearances the height can be increased to get a better clearance – contact your dealer for details.**

A minimum size heath requirement is as per the table included below equivalent to 6mm thick floor protector (Bellis Board or similar cement sheet) should be used under and in front of the appliance base when installing the appliance (see joint AS/NZS 2918:2018 3.3.2). The floor protector must extend 300mm in front of the appliance fuel loading door as specified (G) and be placed centrally in front of the heater. The Thermal conductivity of the floor protector is 0.026m<sup>2</sup>.K/W for 6mm thick sheets.

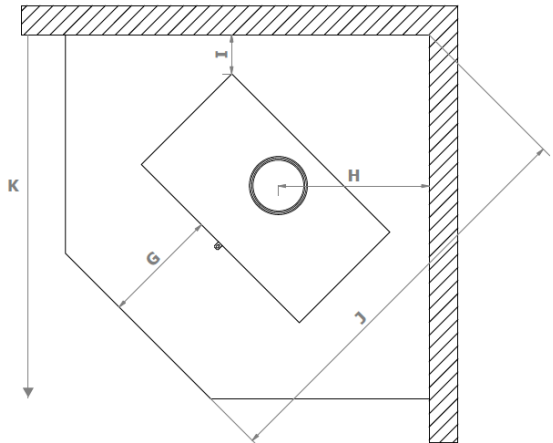
**Some units are fitted with adjustable feet for levelling purposes – for details, due to continual improvement please contact your dealer.**

The appliance and flue were tested at the following clearances:  
(Plan view)

Position A – Parallel – with/without Shield



Position B - Corner position.



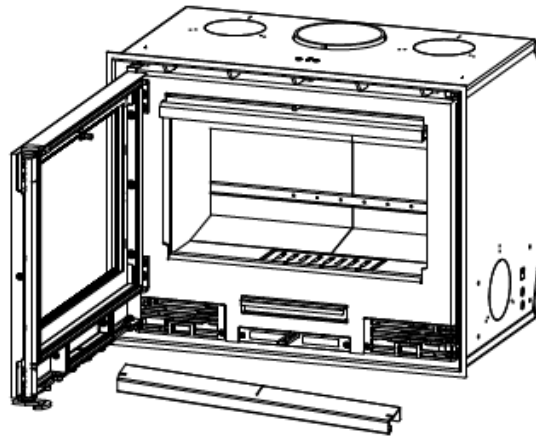
Model	A	B	C	D	E	F	G	H	I	J	K
All dims mm											
Clare 60VT	382	612.5	325	225	950	810	300	390	75	1135	1005
Clare 60 w/ Heatshield	307	612.5	325	150	875	810	300	N/A	N/A	N/A	N/A
Clear 80	410	835	450	250	1260	1005	570	460	75	1500	1335
Clare 80 w/ Heatshield	285	835	450	125	1135	1005	570	N/A	N/A	N/A	N/A
Clare 100	358	935	450	200	1240	1205	600	555	100	1667	1525
Clare 100 w/ Heatshield	288	935	450	130	1170	1205	600	N/A	N/A	N/A	N/A
Rear clearance is to back of heater, not the heatshield.											

Note: The Heatshield is spaced off the heater rear edge using 30mm spacers.  
See page 16 for Heatshield installation instructions.

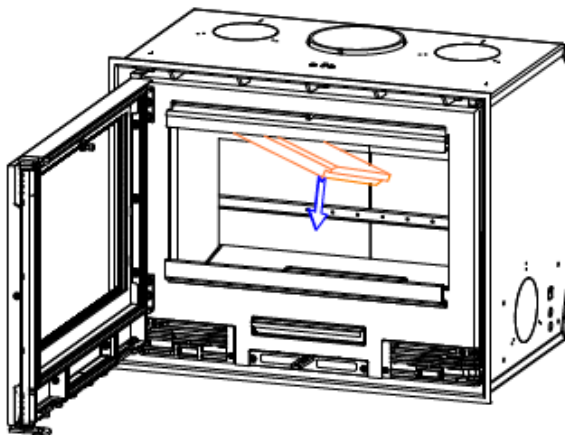
To Remove interior bricks and upper baffles for Maintenance.  
Ensure these parts are all correctly in place before commissioning/  
first using the fire. (Note - Inbuilt version drawings shown)

- 1- Remove ash  
lifting it out.

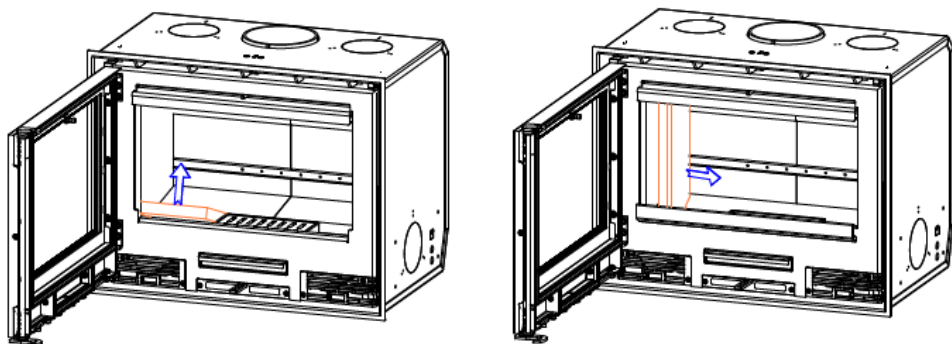
retainer by



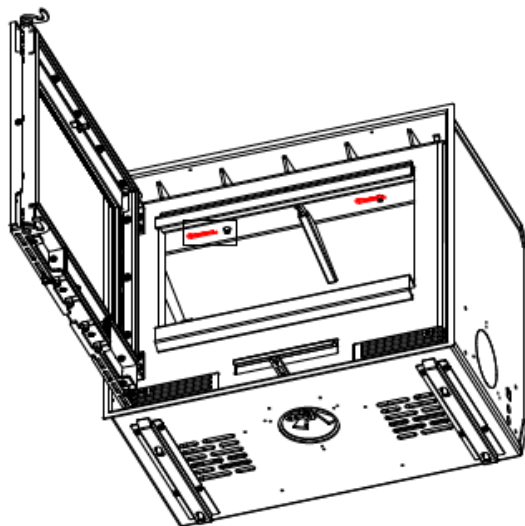
2. Remove the baffle bricks – Pull the Stainless steel Channel forward whilst supporting the middle brick, then lower the middle brick first before the sides, which rest on the side bricks. Note when re-installing the 60VT version, don't have the C-Channel too far forward or it will foul on the damper assembly trying to get it back in.

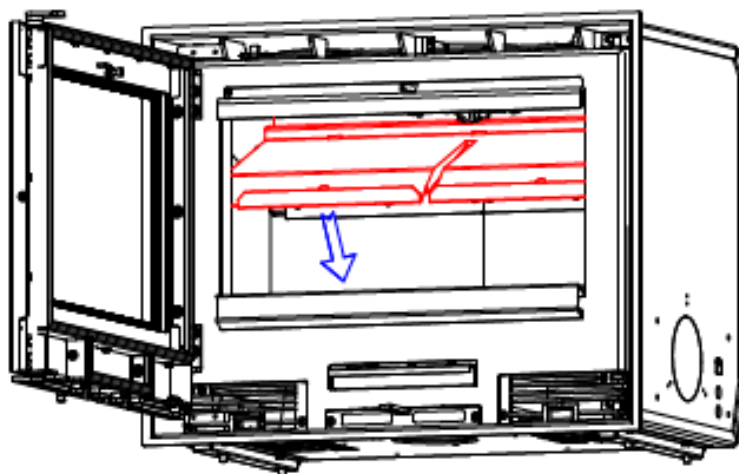


3. Remove the base bricks and then the side bricks

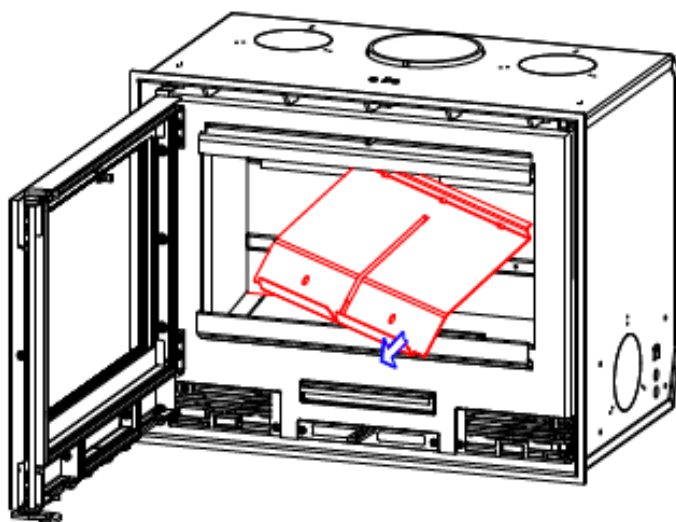


4. Remove the upper Stainless steel baffle – remove the R pins holding the upper baffle in place





5. Pull the upper baffle down and forward, and then rotate out the door opening



# Flue Installation

## Flue type:

A solid deco flue shield must be included, spaced off the top of the heater 10mm to allow air flow intake and continue up to the drop box (ceiling penetration) to use the allowable clearances.

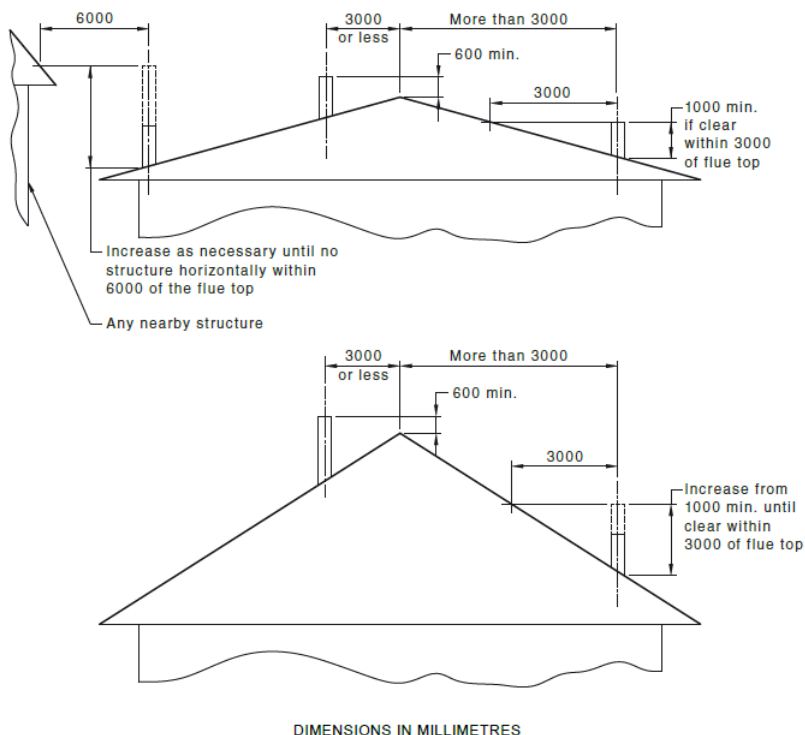
For the Clare 60VT, the Triple skin flue is 150mm/200mm/250mm or 6"/8"/10", and 8" solid flue shield. The Clare 80 and 100 use a 7" active flue, so the Triple skin flue should be 7"(180mm)/9"/11" or if space available on the safe side 7"/10"/12" or ie 180/250/300mm. A solid 9 or 10" solid flue shield must be used.

**The heater must have its own dedicated flue. The active flue must be consistent for the entire length of the flue, and always less than 45 degrees from the vertical.**

For tightly sealed homes, the replacement room air from outside must be supplied into the room with the heater. With open area equivalent to 90cm<sup>2</sup> for the Clare 60V, and 128cm<sup>2</sup> for the Clare 80 and 100.

## Flue Outlet Positions

### Minimum Flue Height as per AS/NZS 2918:2018



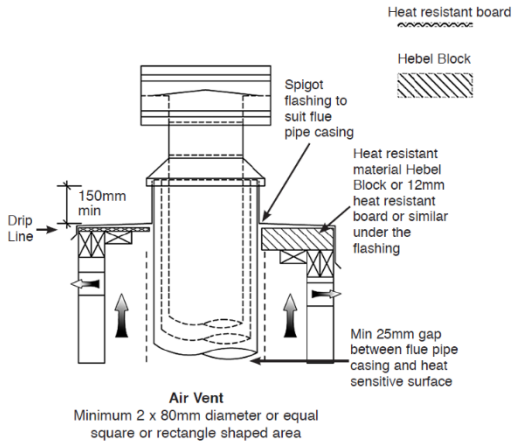
**NOTE: Flue exit MUST also be higher than any nearby structure within a 6m Radius. (AS 2918:2018)**

## External Requirements

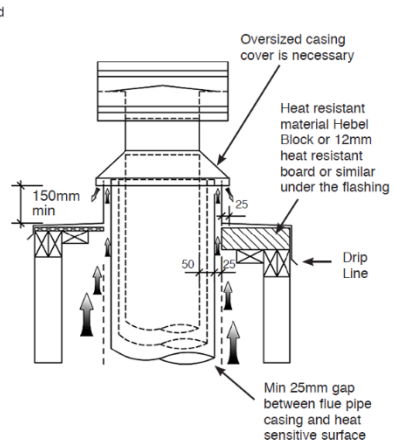
Refer to AS/NZS 2918:2018

**Note:** All external air vents & ceiling penetrations must be bird & rodent proofed with permanently fixed screens.

**Air Ventilation Through Chimney Chase**



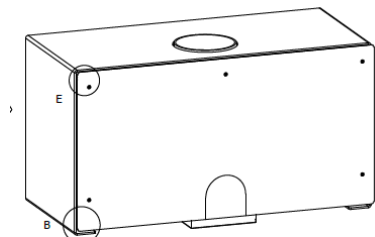
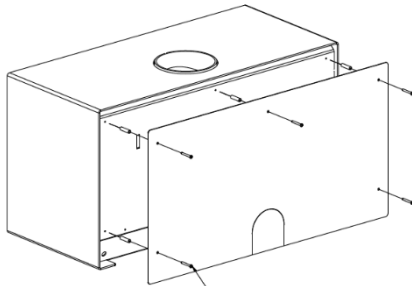
**Air Ventilation Through Top Flashing**



## 4 – Heat shield for Rear of Heater appliance.

For reduced clearances options, appliance mounted heat shielding can be added as per heat shield instructions. To position correctly, the edges of the heatshield should be flush with the top of the heater.

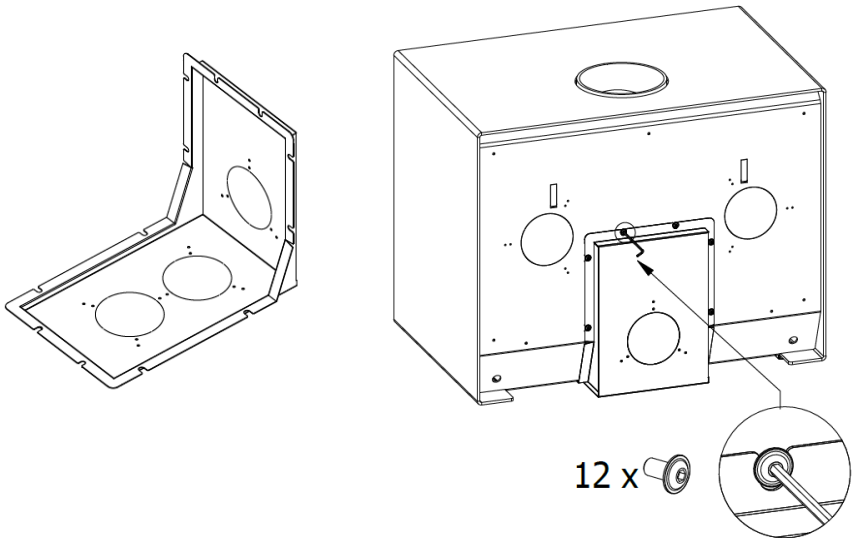
Use the heat shield accessory as a template, mark and punch each hole on the back of the heater. Use a small pilot hole drill to cut each hole, to make fixing easier. Using the self-tapping machine thread screws through the shield and spacer, fix the heatshield to the back of the unit. The screws supplied will cut the thread.





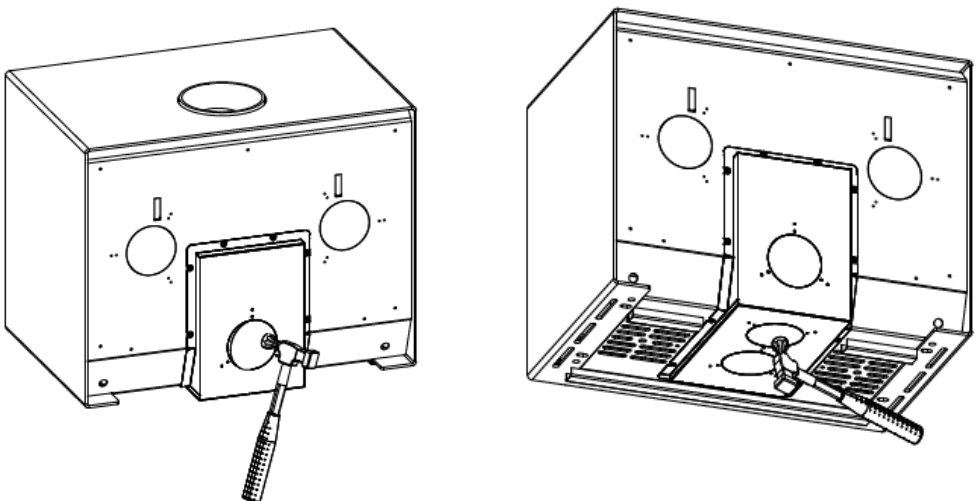
## 4 – To convert from Room air intake to Outside air intake:

### Kit - Clare Series Adaptor Kit for Air intake from Outside



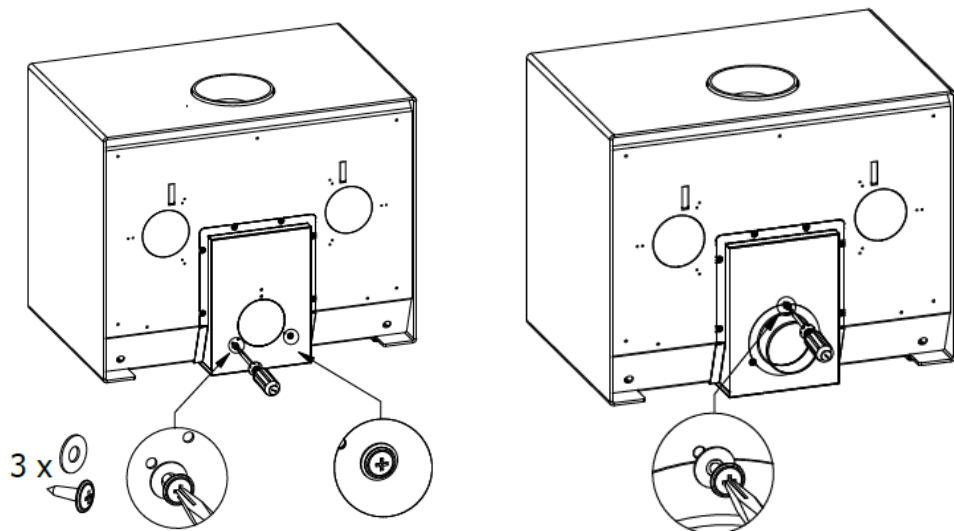
The adaptor is fitted to the unit with the 12 bolts provided.

Punch out the perforated hole with a hammer, for either base or rear duct connection as require

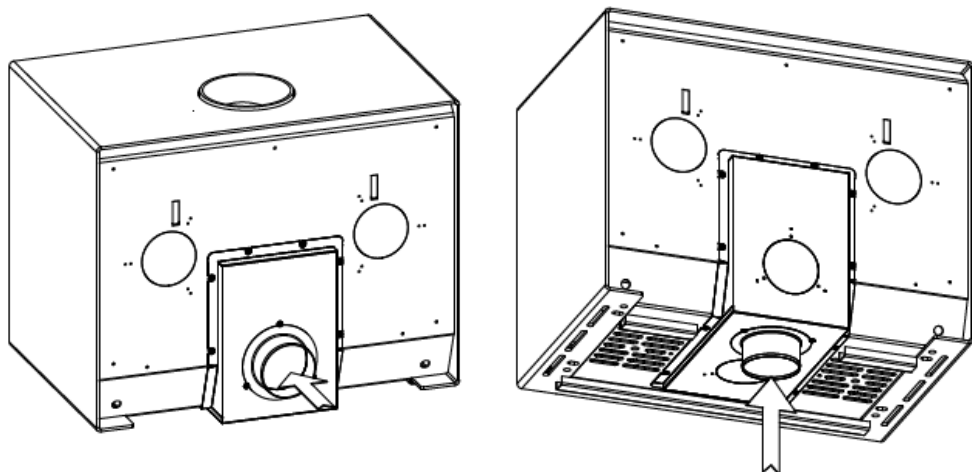


The adaptor has 3 perforated punch out positions, the extra position in the base is for installing the freestanding on a pedestal (see page 19). If installing on a bench or plinth, ensure there is a cutout for the airway when designing the installation.

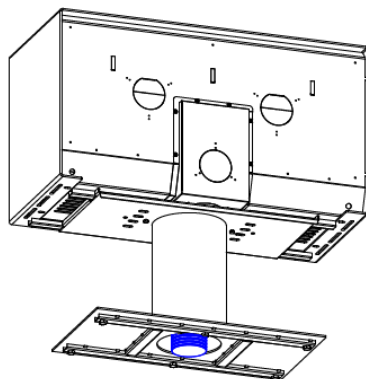
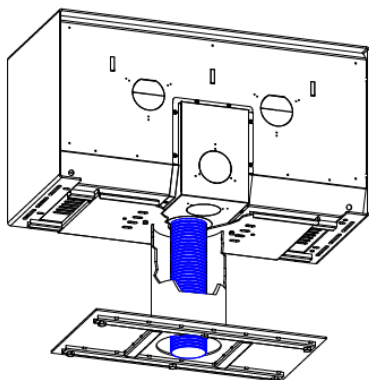
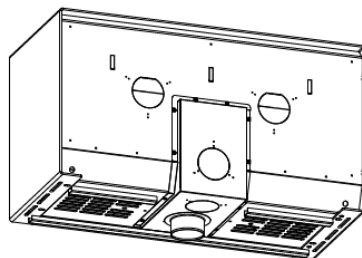
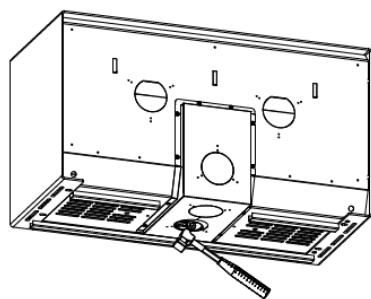
Fix the air duct spigot to the to the adaptor with the 3 screws.



Spigot attached ready for either Rear or base connection:

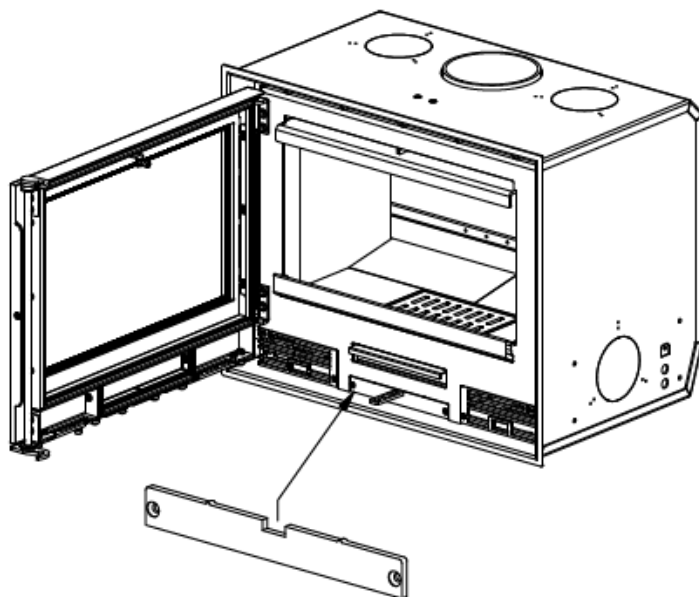
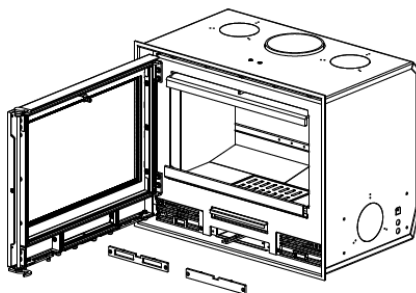


If using the pedestal base option, punch out the position closest to the front for the Air duct to pass through the stand:



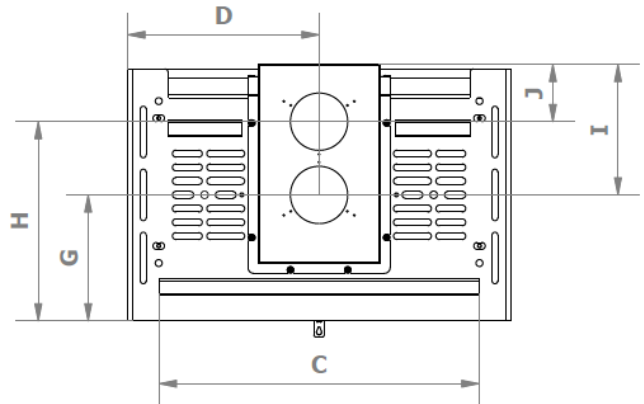
When using the outside air duct kit, swap the front plate from the open air intake version to the closed blanking version.

Front plate is swapped to the solid version for outside air kit as below.

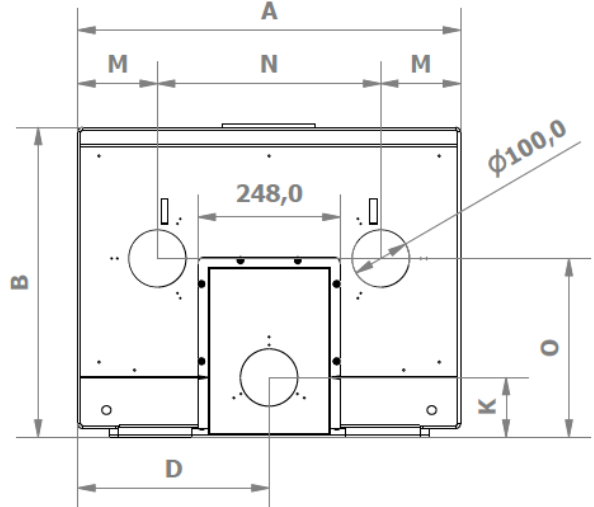


Note ducting position for Builders reference (note slightly different to the inbuilt version) – please check for including base height:

Base Elevation:



Rear Elevation:



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	
Clare 60(s)	575	512	465	287	165	275	220	350	300	100	105	260	192	190	412	
Clare 60(s) Vt		691														
Clare 70(s)	668	541	540	334									139	390	315	
Clare 80(s)	768	691	660	384									184	400		565
Clare 80 Q																
Clare 100	968	541	860	484												

## 5- Fan (for fan models only).

- Must be installed in accordance with AS/NZS 3000.
- Must be installed to the manufacturer's specifications.
- The Power supply must be installed by a licensed electrician.
- If the power cable is damaged, for any reason, do not use. Have the cord replaced immediately.

### Electric circuit layout:

For full fan instructions see manual supplied with the fan. Fan options may vary.

Fan operation modes:

I- Low speed

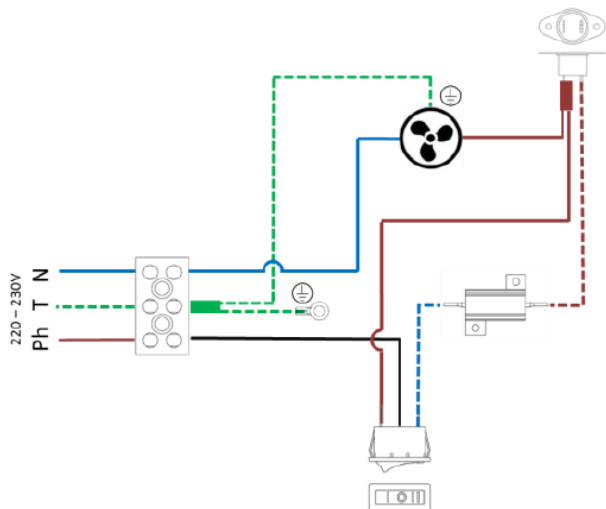
Thermostat setting

(>50C), (Automatic on/off)

0-OFF

II-Manual setting,

High speed








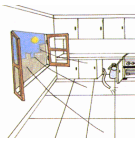



### Warnings

**Danger of Electrocutation:** All electrical work must be carried out by a qualified electrician.

**Note:** All electrical components should be installed in an airy location away from hot parts.

## Important Recommendations

	<p>The heater must be installed by a qualified and accredited professional.</p>
	<p>Caution: the outside surfaces of the equipment are hot; wear suitable protective gloves whenever you need to touch hot parts of the appliance and when loading firewood into the heater.</p>
	<p>Do not use the appliance as your incinerator. The combustion of domestic waste can cause the release of toxic fumes and cause early corrosion of the components of your equipment and void your warranty.</p>
	<p>This appliance is not a toy! Keep children away at all times.</p>
	<p>Check that the exhaust system is well dimensioned, ensuring proper drainage and that it follows the Australian standards in force, so that there is no undue smoke escape into the surrounding space.</p>
	<p>Keep combustible and flammable materials at a safe distance from the appliance (minimum 1.5 meters).</p>
	<p><b>NEVER</b> use liquid fuel.</p>
	<p>During the first use, curing of the paint occurs – which may give off some odours. Avoid inhalation and keep the area well ventilated. The first 2 firings should be made with small kindling fires with a minimal amount of wood, in order to allow the metal tensions to dissipate after manufacturing, and let the paint cure slowly, so it does not present imperfections later on.</p>
	<p>In case of adverse atmospheric conditions that disturb the drawing of smoke, it is advisable not to use the appliance.</p>



## **CURING PAINT**

Further to the comments above about the curing of paint, please be aware that wood heater high temperature paints, used on the ADF range, go through a transition phase during the first few firings to reach their full hardness. So, for the first few days/fires, the paint cures; keep the burns gentle and not too large.

Factors involved in this curing process include temperature and time. The silicon resins in the paint require approximately 230°C for 30 minutes, so even after 3 burns, if the surface has not reached above 230°C for the required time, the coating may still not be cured. A thicker coating may also require a little more time and heat.

Having a very hot furnacing fire before the paint has fully cured will possibly result in damage to and peeling of the paint.

Do not use any cleaning products or water on the paint, especially before the curing process is completed.

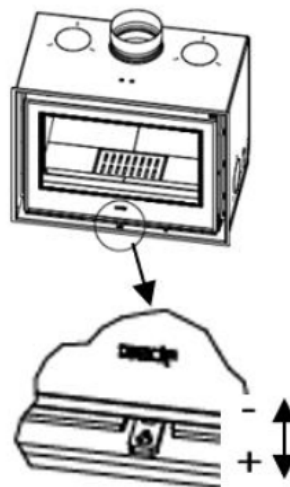


## 7- Instructions for Use

### Combustion Control:

**Open (+), Pull the Air control out.**

**Close (-), Push the Air control in**

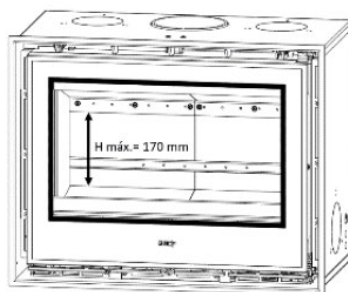


### Lighting the Fire

1. It is extremely important, when first using or lighting for the first time for the season, to thoroughly examine the chimney and to make sure it is clean and unobstructed. Ensure the Chimney is swept regularly, if necessary, contact your local chimney sweep.
2. Do not overload the appliance, the appliance is designed to display a beautiful flame pattern.
3. Completely open the combustion air control, pulling it to the front. On the base of the fire use a small amount of easily flammable material such as scrunched up paper, firelighters, pinecones. Then lay fine kindling around and on this base in such a way that they are interlocking and self-supported, thus allowing air to flow around them and without the pile collapsing and suffocating.
4. Once the kindling is well alight, add some small split logs to the kindling stack, resting against each other or the back wall so the kindling doesn't collapse. Use about 1kg of split dry small logs of dry wood.
5. Keep the door slightly open, allowing the amount of air needed for a quick and efficient ignition, keeping the combustion air control fully open. Never leave the fire unattended whilst the door is left ajar.
6. After 5 minutes close the door and reduce the combustion air control to reduce the combustion air intake – pushing the air control lever inward.
7. There should be a good amount of coals.

## After Firing

1. Slowly open the door, spread the embers evenly across the furnace base.
2. Place the wood logs (approximately 1 - 2kg each) front to rear, keeping the log away from the door glass. Do not overload the appliance – check your model in the specifications table for the maximum permissible load.
3. Choose a position in the combustion air control to produce a gentle, long-lasting burn, avoid uncontrolled burning with the air control left open.
4. Keep the ash bed away from the primary air slots at the front of the fire. Maximum height of the = wood load 170mm.



### Notes:

Only reload with wood when the previous load has been fully consumed, do not overload the combustion chamber.

For well insulated houses or forced air ventilation in adjacent spaces, it is advisable to place a ventilation grid on an outside wall near the equipment of at least 90 cm<sup>2</sup> and always be unobstructed. In this way, you supply the surrounding space with a good source of oxygen so that it does not run out, and the air masses move in the right direction. As for the air inlet grills, they must be positioned such that they can't be obstructed in any way. In the case of simultaneous operation with other heating appliances, sufficient oxygen must be ensured.



### Warnings:

*This appliance was not designed to work with the fire door open. Open the door for lighting and reloading only. Do not open the heater door suddenly or with the smoke control fully or partially closed, as the combustion chamber may overpressure, causing smoke or even flame out into the room.*

*Excessive combustion does not necessarily translate into more heating power nor into an increase of efficiency. Furnacing may also cause irreparable damage to the appliance if carried out for long periods of time.*

*In the event of malfunction, immediately extinguish combustion by closing the fuel inlet control and the smoke control, causing the fire to extinguish by itself due to lack of oxygen. Expose the problem to our services and / or agents to be resolved.*

Salt environments or the use of firewood from coastal areas accelerate the oxidation process of your equipment (voiding the warranty).

## 8-Cleaning and Maintenance

To get the best out of your appliance, it should be regularly maintained and the flue regularly swept.



**Cleaning and maintenance should always be carried out when the appliance is cold.**



### Cleaning

- The glass should be kept reasonably clean by the air wash.  
In cases where a log has been left too close to or touching the glass, or green wood/kindling has been used then use a glass cleaner available from your retailer.  
Ensure the glass cleaner does not come into contact with the metal parts or the rope seal.
- When removing excess ash when/as needed when fire is cool, place ash in a non-combustible container with a tightly fitting lid and move outdoors immediately to a location clear of combustible materials.

### Maintenance

- At the end of the winter season, at which point the appliance will be out of use for some time, thoroughly clean out the ash and residues inside it without using any abrasive products.
- With the aid of a vacuum cleaner, vacuum the secondary air heating chamber above the lower baffle bricks.
- Over time, you may feel that the appliance needs to be repainted, if that is the case, paint the equipment using high temperature spray paint. Paint the equipment only when it is completely cold. Before painting, carefully cover any areas you do not want to soil (glass and fireplace) and follow the instructions on the paint can. Note the paint will produce a small odour in the first few firings, it is recommended to have a small fire initially and keep windows open for ventilation.
- Clean the chimney and the flame baffle at least once a year using a qualified technician if necessary.
- Periodically check and replace the door seal.
- Use only ADF recommended replacement parts.

To request service or replacement parts, you must have your purchase receipt and warranty certificate with the corresponding serial number.


**Note:**

You should not use water/chemical products to clean the inside/outside of your appliance.

## Fire Hazard

Your ADF equipment has been designed following existing legislation and in order to minimize any risk of fire in the chimney, however in such cases:



	AS	NZS
	000	111

1. Keep calm and make sure the area is safe.
2. Close the stove door completely.
3. Completely close the combustion air inlet and, if possible, to do safely, cover the flue/chimney outlet.
4. The fire should be extinguished by itself due to lack of oxygen.
5. In the absence of safety conditions, move away from danger and request immediate rescue to Firefighters through the emergency number: 000 for Australia.
6. Before using the appliance again, have the chimney inspected and cleaned by a qualified technician.

## 9-Troubleshooting

If you follow the instructions given in this manual, you should not have any major problem in enjoying your appliance. However, before requesting service, please check the following:



1. All the instructions given in this manual have been complied with.
2. If there has been any recent change in the periphery that may have given rise to the problem.
3. If the problem falls into the following points.

Problem (s)	Possible Cause	Correction
The appliance is smoking	<ul style="list-style-type: none"> <li>→ Closed smoke damper regulation (when door open)</li> <li>→ Wet or green firewood.</li> <li>→ Dirty or clogged chimney.</li> </ul>	<ul style="list-style-type: none"> <li>→ Check the baffle is moving freely when opening door.</li> <li>→ Use drier wood.</li> <li>→ Clean the chimney.</li> </ul>
Weak or inefficient burn	<ul style="list-style-type: none"> <li>→ Wet or green firewood.</li> <li>→ Dirty or clogged chimney.</li> <li>→ Insufficient firewood.</li> </ul>	<ul style="list-style-type: none"> <li>→ Use dry wood.</li> <li>→ Clean the chimney.</li> </ul>
Very fast burning	<ul style="list-style-type: none"> <li>→ Low density firewood.</li> <li>→ Poorly adjusted door</li> <li>→ Filling cord consumed</li> </ul>	<ul style="list-style-type: none"> <li>→ Load the stove with more dense firewood.</li> <li>→ Door readjustment</li> <li>→ Replacement of the cord</li> </ul>
The fire extinguishes	<ul style="list-style-type: none"> <li>→ Wet or green firewood.</li> <li>→ The appliance is not heated enough.</li> </ul>	<ul style="list-style-type: none"> <li>→ Use drier wood.</li> <li>→ Leave the air lever open for longer to get a bed of coals before turning to low.</li> </ul>
Blower not working	<ul style="list-style-type: none"> <li>→ The thermostat's operating temperature has not been reached.</li> <li>→ Power failure</li> </ul>	<ul style="list-style-type: none"> <li>→ Load more firewood.</li> <li>→ Check outlets and connections</li> </ul>
Dirty glass	<ul style="list-style-type: none"> <li>→ Wet or green firewood.</li> <li>→ Logs too close to or resting on the glass.</li> </ul>	<ul style="list-style-type: none"> <li>→ Slightly open the air inlet control</li> <li>→ Use dry wood.</li> <li>→ Keep logs parallel to and away from glass.</li> </ul>

If the problem persists, please contact your retailer of the original purchase, to assist you to resolve the problem.

# 10-Warranty Conditions

## Warranty:

ADF offers the purchaser of this appliance a limited 10-year warranty against manufacturing defects from the date of purchase:

For the warranty to be valid, all the instructions contained in this manual should be followed and the Warranty Certificate must be completed and authenticated by our reseller upon purchase.

Equipment structure	10 - year Warranty
Electrical components	2 - year Warranty
Glass, Refractory Firebricks, Door seal, Glass, Flame Grate, Paint	Not covered by warranty as their use is out of the manufacturers control and subject to quality of firewood, and user operation.

Note: Salt environments or the use of firewood from coastal areas accelerate the oxidation process of your equipment (voiding warranty terms).

The warranty is voided by any evidence of tampering by unauthorised persons, misuse or abuse, or if the product has not been used as per the instructions.

## Exclusions:

-Defects caused by wear, abuse, misuse, lack of maintenance, failure to comply with installation / use rules, neglect or other external causes.

Glass, refractories, seals, glass, ash grate, smoke exhaust mechanism and paint as they are subject to wear and tear that is beyond the manufacturer's control, such as firewood quality and operating regimes.

-Corrosion of any kind, examples:

Moist, green or coastal firewood, operating regimes, lack of maintenance, environmental conditions, inadequate ventilation, type of combustion air supply, corrosive chemicals.

-Acts of God (for example weather conditions, problems caused by hurricanes, earthquakes, floods, lightning / lightning), or acts of terrorism or war that result in malfunction of the device are not covered by the terms of this warranty.

Conditions to activate the warranty:

1. The appliance must be within the time limits described above (the date from which the product was purchased will be considered as the start of the warranty period).
2. The complaint must be presented and validated by one of our agents and endorsed by ADF.
3. The installation, use and maintenance conditions described in this manual have been strictly respected and no misuse has occurred, or changes or modifications made to the product.
4. The Warranty is limited to the replacement / repair by ADF or its agent of the components known to be damaged and excludes any other type of cover or damages.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

The benefits given under this Limited Warranty are in addition to other rights and remedies you have under the Australian Consumer Law that cannot be excluded.



### Warranty Certificate

Reseller's name: \_\_\_\_\_

Model: \_\_\_\_\_ Serial number: \_\_\_\_\_

Sold to: \_\_\_\_\_ in: \_\_\_\_/\_\_\_\_/\_\_\_\_

Address: \_\_\_\_\_

Postal Code: \_\_\_\_ - \_\_\_\_ Tel: \_\_\_\_\_ Email: \_\_\_\_\_

Reseller's stamp

\_\_\_\_\_  
Client Signature

**Note:** The Warranty is limited to the replacement / repair by ADF or its agent of the components known to be defective and excludes any other type of coverage or compensation such as the costs of transportation, removal or reinstallation of the equipment.

#### ATTENTION

When the equipment is delivered, please check it.

The warranty only covers damage caused during transportation if notice was given and marked on the document acknowledging receipt of the device within 24 hours.

## 11-Data Label details found on appliance

### Clare 60 Vt

TESTED BY:  AUSTRALIAN SOLID FUEL TESTING 3 GARDEN ST, MORWELL, VIC 3840 AUSTRALIA	Unit	TEST REPORT NO:  ASFT24001 DATED: 01/2024
WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014 Burning Hardwood		
Maximum Avearge Heat Output	kW	7,3
Overall Average Efficiency	%	71
Particulate Emission Factor	g/kg	0,8
Maximum firewood load	kg	8,3
Minimum clearance distances from combustible materials	mm	See Page 11.
Flue Diameter	mm	150
Imported By:  Castworks, 12 Fiveways Boulevard, Keysborough, Vic 3173	Manufactured by:  A.D.F. Lda. Z.I. Relvinha, Sarzedo A.P. 55 3304-909 Arganil-Portugal	

### Clare 80

TESTED BY:  AUSTRALIAN SOLID FUEL TESTING 3 GARDEN ST, MORWELL, VIC 3840 AUSTRALIA	Unit	TEST REPORT NO:  ASFT24011 DATED: 01/2024
WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014 Burning Hardwood		
Maximum Avearge Heat Output	kW	7,7
Overall Average Efficiency	%	67
Particulate Emission Factor	g/kg	0,7
Maximum firewood load	kg	7,7
Minimum clearance distances from combustible materials	mm	See Page 11
Flue Diameter	mm	180
Imported By:  Castworks, 12 Fiveways Boulevard, Keysborough, Vic 3173	Manufactured by:  A.D.F. Lda. Z.I. Relvinha, Sarzedo A.P. 55 3304-909 Arganil-Portugal	



## Clare 100

<p>TESTED BY:</p> <p>AUSTRALIAN SOLID FUEL TESTING 3 GARDEN ST, MORWELL, VIC 3840 AUSTRALIA</p>	<p>Unit</p>	<p>TEST REPORT NO:</p> <p>ASFT23080 DATED: 12/2023</p>
<p>WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 &amp; AS/NZS 4013:2014 Burning Hardwood</p>		
<p>Maximum Average Heat Output</p>	<p>kW</p>	<p>10,0</p>
<p>Overall Average Efficiency</p>	<p>%</p>	<p>71</p>
<p>Particulate Emission Factor</p>	<p>g/kg</p>	<p>0,8</p>
<p>Maximum firewood load</p>	<p>kg</p>	<p>9,8</p>
<p>Minimum clearance distances from combustible materials</p>	<p>mm</p>	<p>See Page 11.</p>
<p>Flue Diameter</p>	<p>mm</p>	<p>180</p>
<p>Imported By:</p> <p>Castworks, 12 Fiveways Boulevard, Keysborough, Vic 3173</p>		<p>Manufactured by:</p> <p>A.D.F. Lda. Z.I. Relvinha, Sarzedo A.P. 55 3304-909 Arganil-Portugal</p>