fabricante de equipamentos térmicos

Owner's Manual

ADF LINEA 100 DUO
Inbuilt Appliance

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

Australian Home Heating Association Inc.

Landcare Australia

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

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

Keep these instructions for future reference

Index

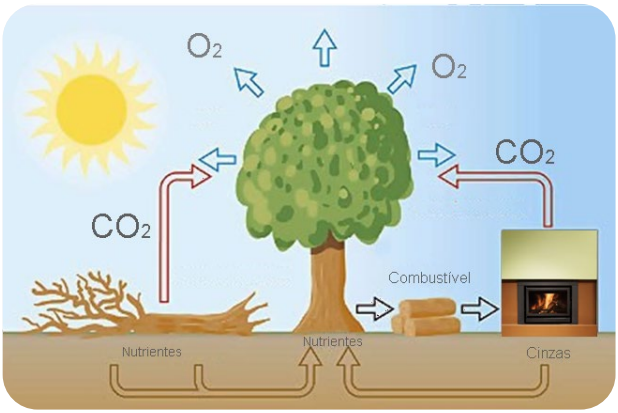
1. Introduction

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 CO2 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 CO2 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

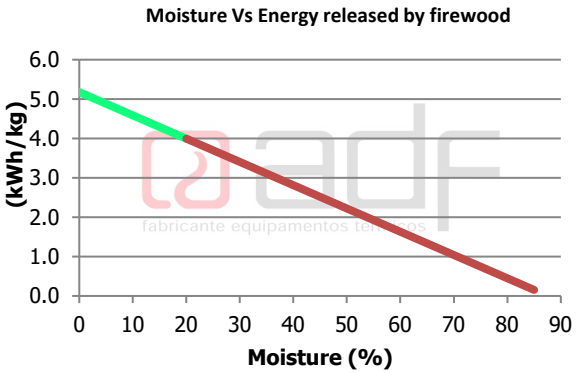
Choosing your wood
All wood types have a different calorific value. You should choose only well-seasoned hard woods. Do not use logs that are too large. Split round logs so they cannot roll and cause a hazard.

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 release a lot of heat but burn too quickly and projects 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, agglomerates that can produce toxic fumes which will damage the appliance. Do not use driftwood 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

Note: single sided unit shown.

Pos.	Designation
1	Door lever, Tool supplied for Door and Air Control
2	Combustion Air control (Use tool): Open (+) slide to the right Close (-) slide to the left
3	Vermiculite brick lining
4	Primary convection outlet – comes out each side above both doors.
5	Secondary convection outlet (hot air distribution for ducting) Inbuilt only
6	Smoke Outlet – Flue collar 200mm (or 8” Crimped)
7	Convection inlet

⚠ Important:

When Lighting the fire for the first time - use only a small kindling fire with a minimal amount of wood, to remove moisture from the brick linings. Then repeat the process for a longer duration to cure the paint, without over firing - paint peeling. See full warnings on page 21.

- 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 TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014 Burning Harwood	Unit	ADF DUO 100
Maximum Avearge Heat Output	kW	18.9
Maximum Peak Heat Output	kW	20.4
Overall Average Efficiency	%	60
Particulate Emission Factor	g/kg	1.1
Maximum firewood load	kg	10
Minimum clearance distances from combustible materials	mm	See page 11.
Flue Diameter	mm	200
Recommended Fuel	Burn only Harwood Moisture ≤ 20%	
Electrical Specification – Note optional Fan requires specific bench requirements and a wall mount control	W	36
	V	220-240
	Hz	50/60
Fan Settings	Variable speed from 2 to 8	

Model Dimensions (mm)	Width	Depth	Height	Weight
ADF100 DUO 100 Linea (NMV-B) Freestanding	1010	550	565	220kg

⚠ 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).
- Replacement outside air must be supplied to the room with the heater, a minimum equivalent to half the cross-sectional area of the flue, ie 160cm2 free air.
- Follow the clearances to combustible materials as shown on page 10. Or follow the Zero Clearance box install.
- Your appliance must be non-permanently installed and easily accessible to ensure general maintenance (chimney and equipment).
- The equipment must not be cemented in its enclosure under any circumstances.

Keep these instructions for future reference

⚠ WARNINGS:

- REFER TO COMPLIANCE LABEL – DISREGARD ANY CONTRADICTORY 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 COMPONENETS 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 APPLICANCE 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: WHEN OPERATING THIS APPLIANCE AS AN OPEN FIRE USE A FIRE SCREEN.**
- **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.

NOTE: If the heater is supplied with base feet, these are to be removed. Remove the door to avoid breakage, lay heater on its back, and undo the bolts fixing the feet. Feet are included for transit when fan installed. If feet are required, ie including fan and using an existing hearth – contact your supplier if required.

Replacement room air from outside equivalent to 314cm2 must be supplied into the room.

The heater must have its own dedicated flue. The active flue must be 8" for the entire length of the flue, and always less than 45 degrees from the vertical.

The Flue terminal must meet the minimum height and external clearances for the flue, according to AS/NZ 2918:2001, see the diagram shown below on page 12.

The ADF DUO Linea 100 was tested with a 200mm (8") triple skin flue kit in a manner confirming to joint Australia/New Zealand Standard 2918:2001.

A. INSTALLATION INTO A SKAMOL ENCLOSURE BOARD CONSTRUCTION

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 24mm of cement sheet with thermal resistivity of 0.1m².K/W for 6mm. eg Bellis Board or fibre cement sheet equivalent.

The base of the unit is raised **350mm** from the floor protector for the following clearances to apply. AS2918 default clearances apply for installations directly on the floor (75mm concrete slab suspended with 25mm air gap below – see AS/NZS2918 3.3.3)

The appliance must be placed on a box 1000mm wide x 400mm high x 470mm deep made from 50mm Skamol.
A minimum 300mm deep x 1240mm wide x 6mm thick floor protector (Bellis Board or similar cement sheet) should be used in front and behind the appliance base when installing the appliance (see joint AS/NZS 2918:2001 3.3.2). The floor protector must extend 300mm in front of both appliance fuel loading doors and be placed centrally in the 1240mm width. The Thermal conductivity of the floor protector is 0.1m².K/W for 9mm thick sheets.

The Enclosure must be made from a minimum of 40mm thick, on all sides. There must be a minimum of 65mm side clearance between the heater and the skamol board. See dimensions below.

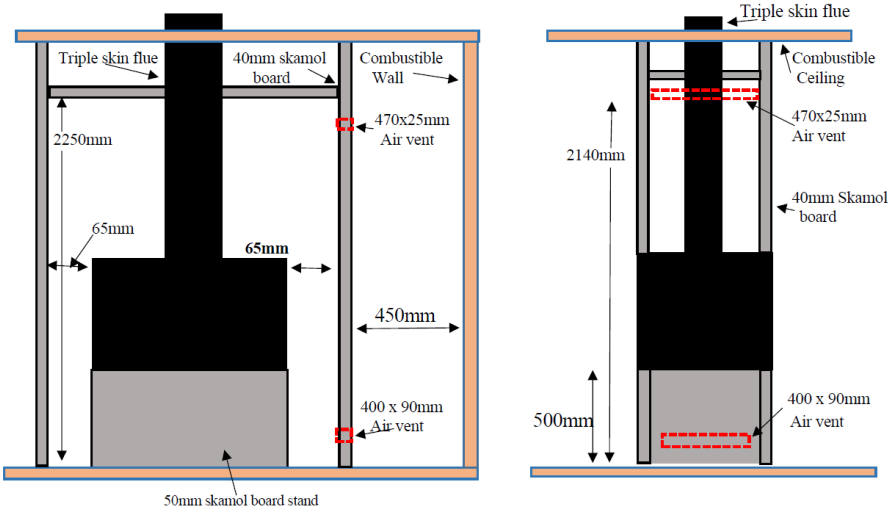
The appliance and flue were tested at the following clearances:

The side clearance to combustible walls or cabinetry from the Skamol enclosure wall, is 450mm from the vent outlets.

A minimum of two air vents must be installed. The top air vent must be 470mm long x 25mm high and must not be closer than 235mm to the ceiling. The bottom air vent must be a minimum, 400mm long x 90mm high, and must be 60mm from the floor of the enclosure. Combustible material must be a minimum of 450mm from the side vents. All enclosure joints must be sealed correctly to ensure they do not allow heat to escape from enclosure.

The combustible ceiling above the Skamol enclosure roof must be no closer than 110mm, a 25mm clearance must be maintained around the outer casing of the flue in the combustible ceiling. The outer triple skin where it passes through the Skamol board enclosure must be fully sealed.
The ADF DUO Insert 100 Linea solid fuel appliance installed with a triple skin flue kit conforms to the requirements of the joint AS/NZS 2918:2018 Standard, Appendix B.

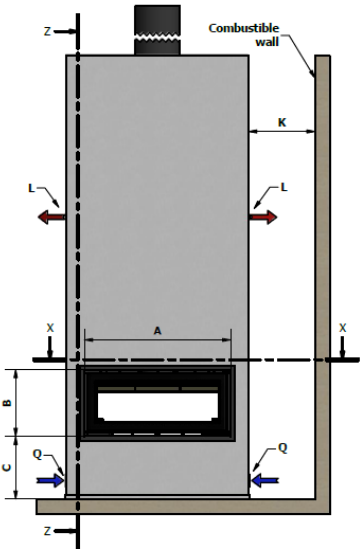
The appliance and Flue Combination must be installed at the following clearances shown below.

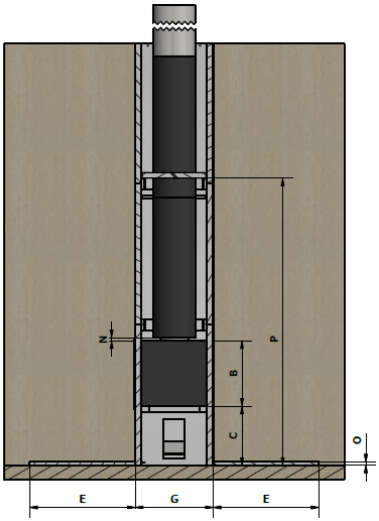


Position A – Parallel position – 65mm clearance to Skamol alongside the heater. 450mm clearance to cabinety on the side of the heater the side inline flush with the door glass

Construction of the Skamol Enclosure

Installation and clearance specifications														
-	A	B	C	D	E	F	G	I	K	L	N	O	P	Q
1000 NMV DF	1020	470	420	1250	300	1222	550	≥65	≥450	2 (25x≥470)	25	24	≥2250	2 (≥90x400)





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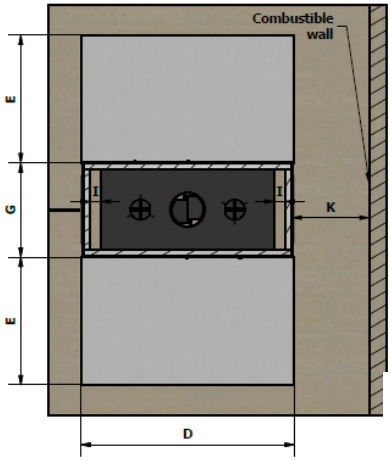
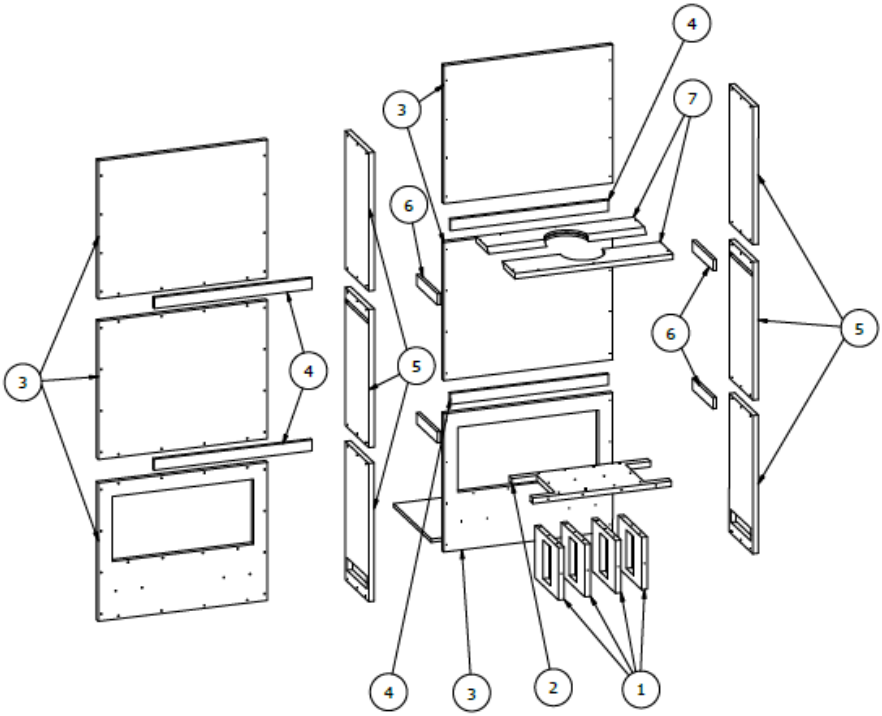


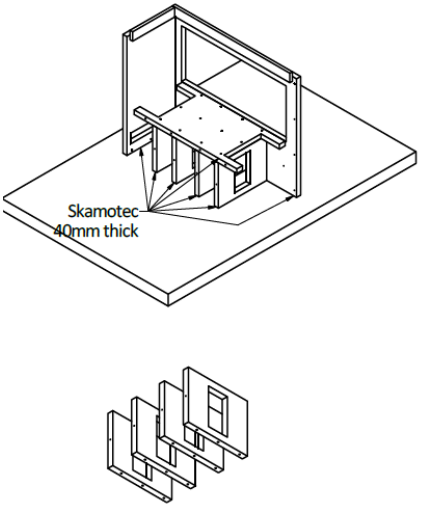
X-X

The cutting list of the parts required for the build out is shown and listed in table below:

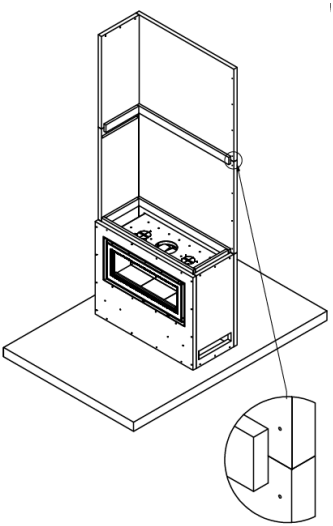


Parts List – Chimney Build out			
Nº	Qty.	Description	RC 1000 NMV DF
1	4	Skamotec 40mm thick	370 x 380
2	1	Skamotec 40mm thick	1000 x 470
3	6	Skamotec 40mm thick	1222 x 1000
4	4	Skamotec 40mm thick	1140 x 80
5	6	Skamotec 40mm thick	1000 x 550
6	4	Skamotec 40mm thick	460 x 80
7	2	Skamotec 40mm thick	1140 x 275

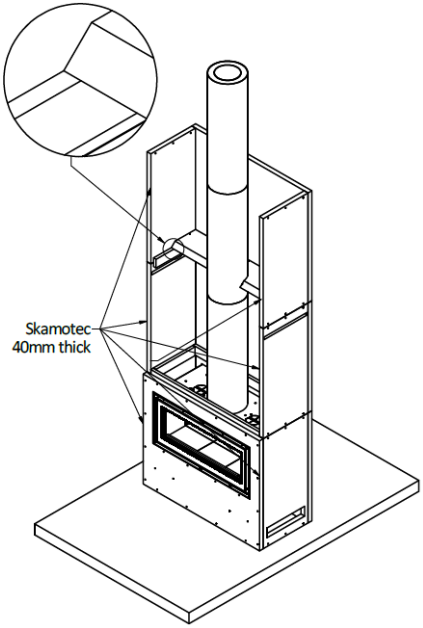
STEP 1.



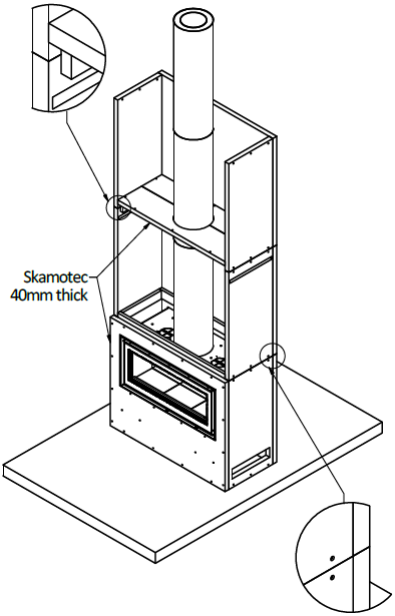
STEP 2.



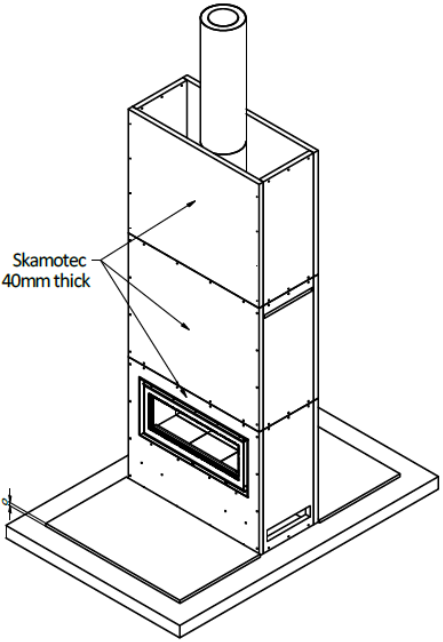
STEP 3.



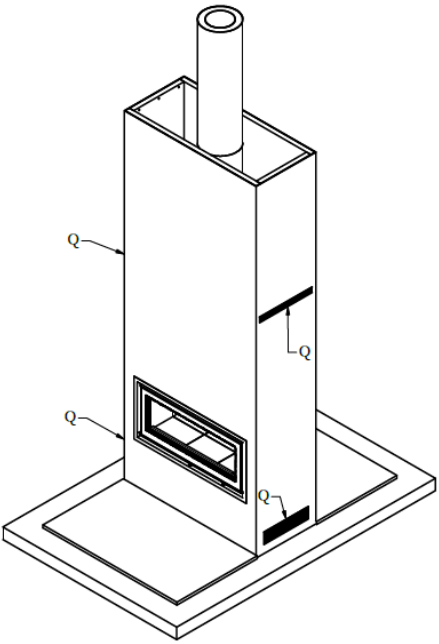
STEP 4.



STEP 5.



STEP 6.

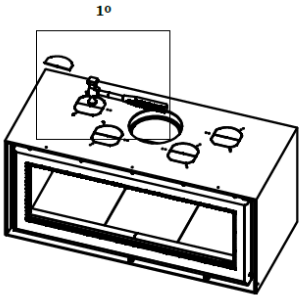


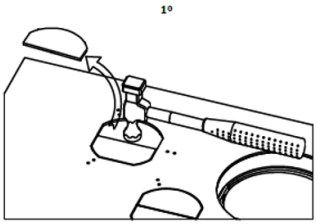
B. INSTALLATION INTO A ZERO CLEARANCE BOX AND TIMBER FRAME OUT CONSTRUCTION

See separation instructions included with the Zero clearance box. Contact distributor for an email electronic copy.

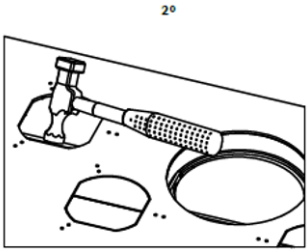
C. DUCTING – CONVECTION AIR TRANSFER DUCTING

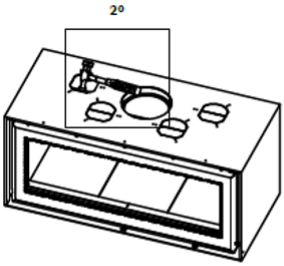
For the inbuilt models, Ducting can be added to the top of the firebox and transferred to vents either on side of the Chimney breast via natural convection, or via an air transfer kit with fan to other rooms (From other supplier). The blanking plates can be opened as below, to direct the convection heat into the duct, which will also be forced via the heater fan (if fitted).



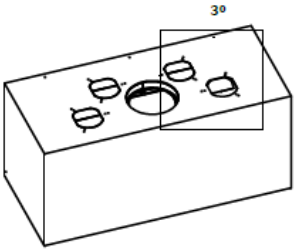


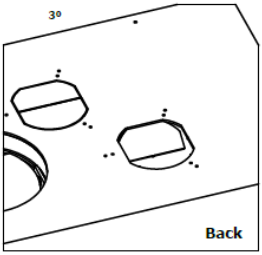
1. To open the blanking plate on top of the heater box, heat the REAR section only of blanking plate, with a hammer to punch out.





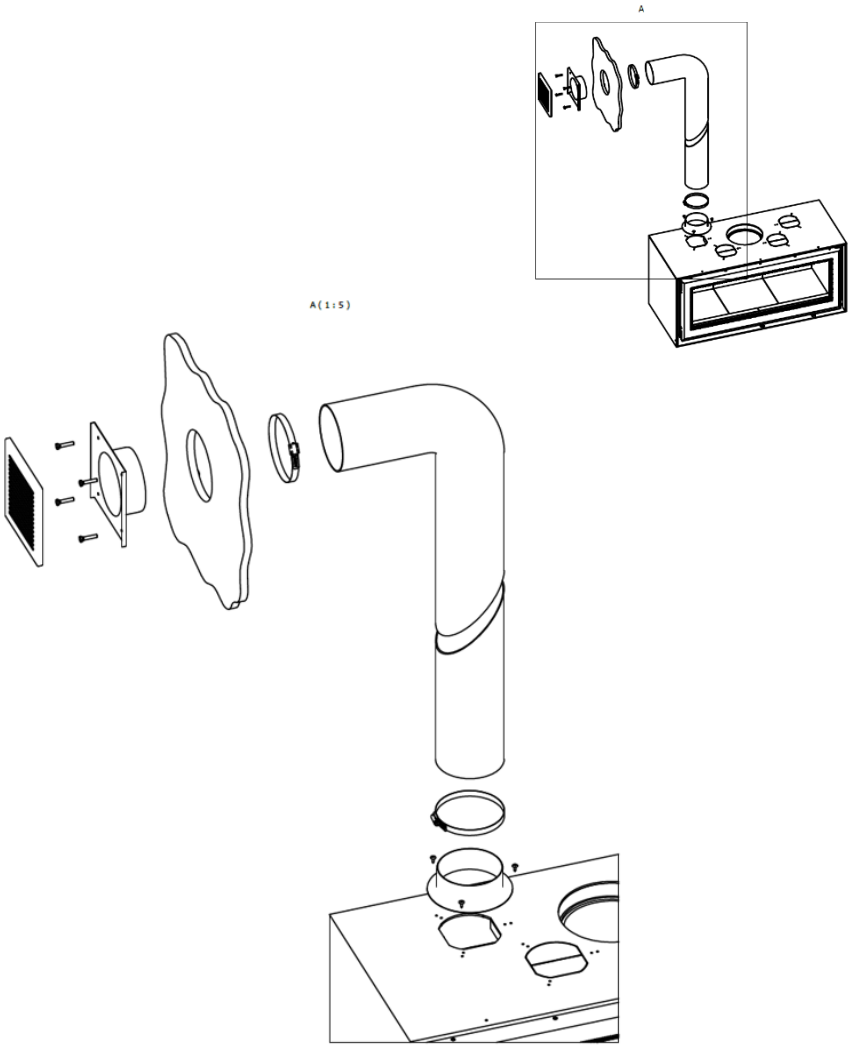
2. Fold the FRONT section of the blanking plate





3. Fix the optional Accessory Duct collar with self tapping screws to top of the firebox, covering the opening. Standard 100mm duct will fit to the duct collar, to transfer heat from the Firebox or wall cavity back into the home.

Fit a Ducting collar to the top of the fire box and fit ducting as required (From other supplier).

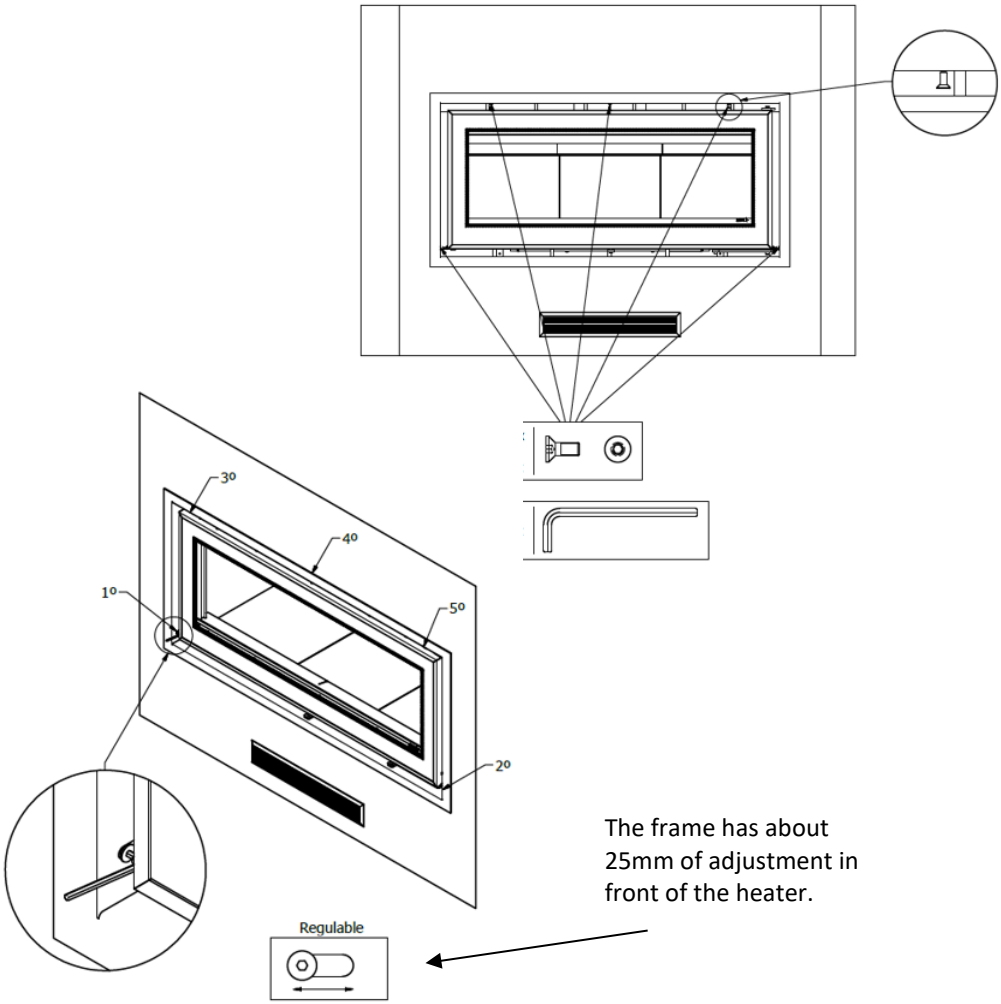


D. DECORATIVE FRAME TRIM

Beading in metal or plastic cannot be used around the firebox opening due to heat. Metal expansion could crack the Skamol enclosure board or Fibre cement sheet, and plastic will melt.

Ensure there is an expansion gap between the heater box and the fascia material, of 4 or 5mm.

A Frame can be fitted as follows to cover the gap between the heater and the appliance:



The frame has about 25mm of adjustment in front of the heater.

5 - Flue Installation

Flue type: Triple skin flue, 200mm/250mm/300mm or 8”/10”/12”. The Active 200mm flue must be a tight fit into the heater collar.

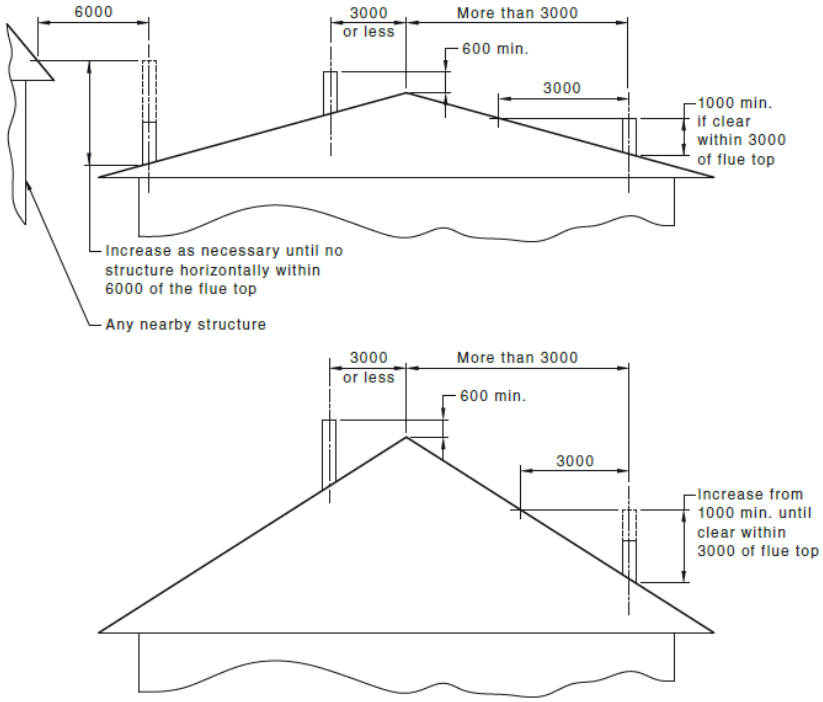
The flue is Triple Skin from teh top of the heater / Zero Clearance Box.

The heater must have its own dedicated flue. The active flue must be 8” for the entire length of the flue, and always less than 45 degrees from the vertical.

Replacement room air from outside equivalent to 160cm2 must be supplied into the room.

Flue Outlet Positions

Minimum Flue Height as per AS/NZS 2918:2018



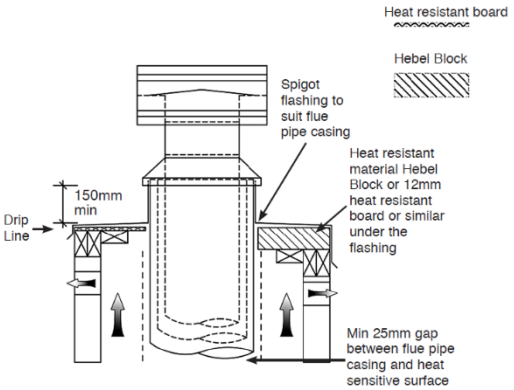
DIMENSIONS IN MILLIMETRES

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

External Requirements

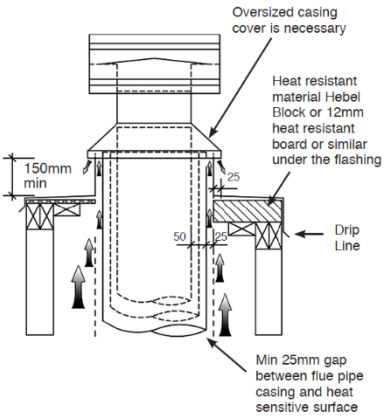
Refer to AS/NZS 2918:2018

Air Ventilation Through Chimney Chase



Air Vent
Minimum 2 x 80mm diameter or equal square or rectangle shaped area

Air Ventilation Through Top Flashing

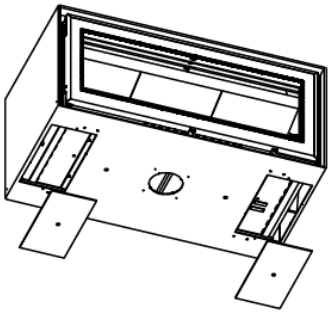


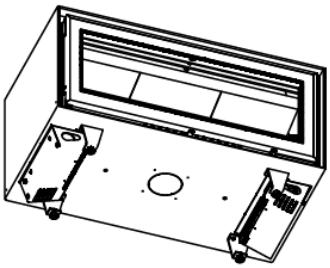
Note: All external air vents & ceiling penetrations must be bird & rodent proofed with permanently fixed screens

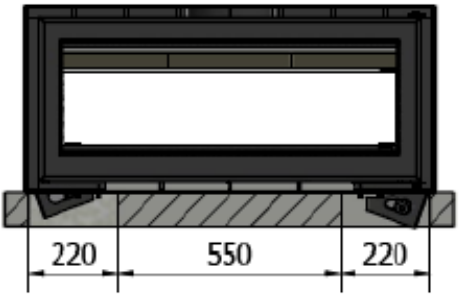
6 - Fan (for optional inbuilt fan available).

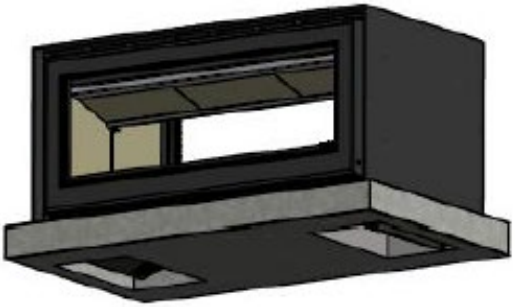
- Must be installed in accordance with AS/NZS 3000.
- Must be installed to the manufacturer's specifications.
- Power supply must be installed by a licensed electrician.
- If the power cable is damaged, for any reason, do not use. Have the cord replaced immediately.
- Please follow the fan instructions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

The fan will need a fan cut out in the bench, and with air supply to each fan below the heater base. A cable will need to run from the heater to a wall mount controller – the 240V power supply is supplied to the wall mount controller – see the fan instruction manual for more details.









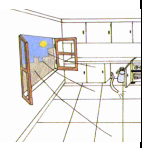
NOTE: REMOVE THE FEET UNLESS REQUIRED WITH USING A FAN ON AN EXISTING HEARTH

Warnings

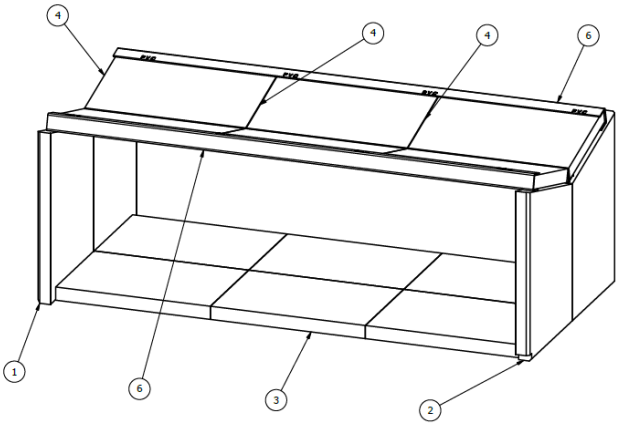
Danger of Electrocution: *All electrical work must be carried out by a qualified electrician.*

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

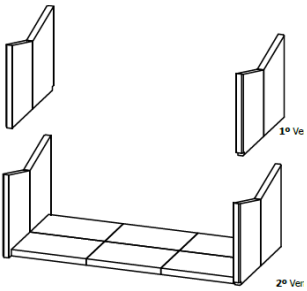
Important Recommendations

	The heater must be installed by a qualified and accredited professional.
	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.
	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.
	This appliance is not a toy! Always keep children away.
	Check that the exhaust system is well dimensioned, ensuring proper drainage and that it complies with the Australian standards in force, so that there is no undue smoke escape into the surrounding space.
	Keep combustible and flammable materials at a safe distance from the appliance (minimum 1.5 meters).
	***NEVER*** use liquid fuel.
	**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 a small kindling fires with a minimal amount of wood, in order to dissipate metal tension and let the paint cure slowly, so it does not present imperfections later on. At the same time carefully removing moisture from the brick linings.**
	In case of adverse atmospheric conditions that disturb the drawing of smoke, it is advisable not to use the appliance.

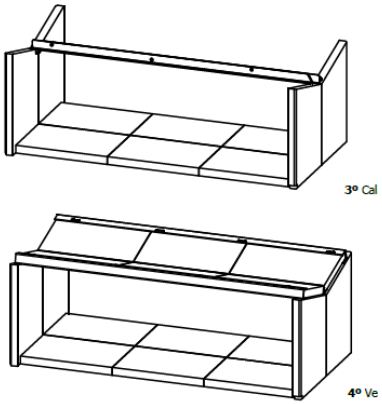
7 - Installing the bricks and baffles



1. First insert the side (1 and 2) and base bricks (3) – may be factory assembled.



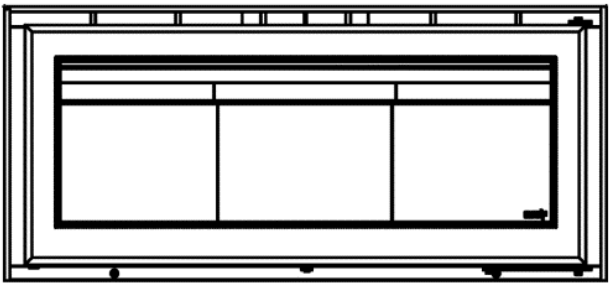
2. Stainless-steel baffle support bars – lay the central one across the middle on the side bricks, and the outer “C” channel support bars (6) front and back. Begin with the side baffle bricks, resting on the side bricks, then insert the middle brick and lock all three in position by trapping the front edge of the brick in the “C” Channel. Bring the side baffle bricks in to close any gaps. Repeat on the other side.



8 - Instructions for Use

Combustion Control:

Open (+), slide to the right
Close (-), slide to the left



Note:- single sided unit shown

Ignition

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 both combustion air control, on each door, pushing it to the right. 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 to allow maximum air flow around the wood and so the kindling doesn't collapse. Use about 1kg of split 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 both the door combustion air controls to reduce the combustion air intake. Don't over fire the heater by leaving controls open continuously.
7. Ensure there is a good amount of coal bed, and each additional log is well lit before shutting down the fire.

After Firing

1. Slowly open the door, spread the embers evenly across the furnace base.
2. Place the wood logs (approximately 1 - 2kg each) horizontally left to right, 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.

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 100 cm2 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, it must be taken into account that they must be positioned in such a way that their obstruction is not easy. 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 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

9 -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

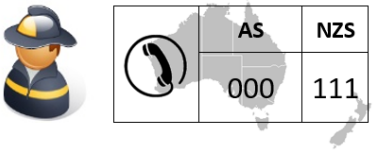
- The glass should be kept reasonably clean by the air wash.
  In cases where a log has been left too close to or touching the glass, or green wood/kindling has been used then use a glass cleaner available from your retailer.
  Ensure the glass cleaner does not come into contact with the metal parts or the rope seal.
- When removing excess ash when/as required 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.

Fire Hazard

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



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.

10 -Troubleshooting

If you comply with 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 are 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	→ Closed smoke damper regulation (when door open) → Wet or green firewood. → Dirty or clogged chimney.	→ Check the baffle is moving freely when opening door. → Use drier wood. → Clean the chimney.
Weak or inefficient burn	→ Wet or green firewood. → Dirty or clogged chimney. → Insufficient firewood.	→ Use dry wood. → Clean the chimney.
Very fast burning	→ Low density firewood. → Poorly adjusted door → Filling cord consumed	→ Load the stove with more dense firewood. → Door readjustment → Replacement of the cord
The fire extinguishes	→ Wet or green firewood. → The appliance is not heated enough.	→ Use drier wood. → Leave the air lever open for longer to get a bed of coals before turning to low.
Blower not working	→ The thermostat's operating temperature has not been reached → Power failure	→ Load more firewood → Check outlets and connections
Dirty glass	→ Wet or green firewood. → Logs too close to or resting on the glass.	→ Slightly open the air inlet control → Use dry wood. → Keep logs parallel to and away from glass.

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

11 -Warranty Conditions

Warranty:

ADF offers the purchaser of this appliance a limited 5-year warranty against manufacturing defects from the date of purchase:

Equipment structure	5-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.

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

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 to the product.
4. The Warranty is limited to the replacement / repair by the 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.

12 – Data Label found on appliance

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TESTED BY: AUSTRALIAN SOLID FUEL TESTING 3 GARDEN ST, MORWELL, VIC 3840 AUSTRALIA	Unit	TEST REPORT NO: ASFT20084-1 DATED: 08/2020
WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:2014 & AS/NZS 4013:2014 Burning Hardwood		
Maximum Avearge Heat Output	kW	18.9
Overall Average Efficiency	%	60
Particulate Emission Factor	g/kg	1.1
Maximum firewood load	kg	12
Minimum clearance distances from combustible materials	mm	See Page 10.
Flue Diameter	mm	200
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

fabricante de equipamentos térmicos