JØTUL®

Jøtul F 620

FREESTANDING WOOD STOVE







AU/NZ - Installation and Operating Instructions

These instructions must be kept for future reference. We recommend that you carefully retain the assembly and operating instructions for later use. This document must be kept for the entire lifespan of the device.

Manual Version AU/NZ 01

Table of Contents

Important: Read all instructions carefully before starting installation.
Failure to follow these instructions may result in a fire hazard and will void the warranty

Compliance 2

1.1 Getting Started _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 3

1.2 Outside Air Provision _ _ _ _ _ _ _ _ _ _ _ _ _ 4

AS/NZS 2918:2018 General Notes _ _ _ _ _ _ _ 5

Components 6

2.1 Components List _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 6

Dimensions 7

3.1 Unit Dimensions _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 7

Installation 8

4.1 Floor Protection and Clearances _ _ _ _ _ _ _ 8

4.2 Before Installation_ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 9

4.3 Main Parts Identification _ _ _ _ _ _ _ _ _ _ _ 9

4.4 Internal Part Removal_ _ _ _ _ _ _ _ _ _ _ _ 10

4.5 Installation of Internal Parts_ _ _ _ _ _ _ _ _ 11

4.6 F 620 without outside air connection _ _ _ _ 12

4.7 F 620 Low Base with outside air bottom _ _ 13

4.8 F 620 Low Base with outside air rear _ _ _ _ 14

4.9 F 620 Base assembly_ _ _ _ _ _ _ _ _ _ _ _ 15

4.10 F 620 Pedestal assembly - outside air rear 16

4.11 F 620 Pedestal assembly - outside air bottom17

Flue & Venting 20

5.1 Locating your Chimney and appliance _ _ _ 20

5.2 General Instructions _ _ _ _ _ _ _ _ _ _ _ _ 20

5.3 Default 6” Flue Kit_ _ _ _ _ _ _ _ _ _ _ _ _ _ 21

Operating Instructions 22

6.1 Daily Use _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 22

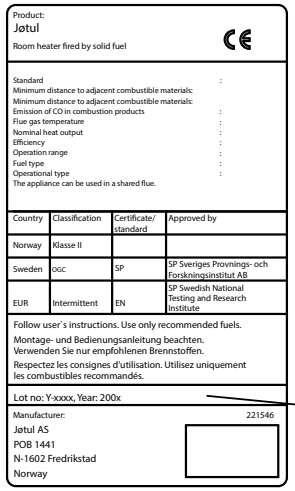
6.2 Operation _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 22

6.3 Service/Maintenance _ _ _ _ _ _ _ _ _ _ _ _ 23

6.4 External air supply - Outside air _ _ _ _ _ _ 24

Warranty Information 25

1. Compliance


Product:
Jøtul
Room heater fired by solid fuel
CE

Standard :
Minimum distance to adjacent combustible materials:
Minimum distance to adjacent combustible materials:
Emission of CO in combustion products :
Flue gas temperature :
Nominal heat output :
Efficiency :
Operation range :
Fuel type :
Operational type :
The appliance can be used in a shared flue.

Country	Classification	Certificate/ standard	Approved by
Norway	Klasse II		
Sweden	OGC	SP	SP Sveriges Provnings- och Forskningsinstitut AB
EUR	Intermittent	EN	SP Swedish National Testing and Research Institute

Follow user´s instructions. Use only recommended fuels.
Montage- und Bedienungsanleitung beachten.
Verwenden Sie nur empfohlenen Brennstoffen.
Respectez les consignes d'utilisation. Utilisez uniquement les combustibles recommandés.

Lot no: Y-xxxx, Year: 200x
Manufacturer: 221546
Jøtul AS
POB 1441
N-1602 Fredrikstad
Norway

On all of our products there is a label indicating the serial number and year of manufacture.

Write this number in the box below.

Always quote this serial number when contacting your retailer or Jotul.

Lot no.	Pin.

WARNING

If the information in these instructions is not followed exactly, a fire could result causing property damage, personal injury, or death.

- Do not store or use gasoline or other flammable vapours and liquids in the vicinity of this or any other appliance.
- Do not over fire - If appliance or chimney connector glows, you are over firing. Over firing will void your warranty.
- Comply with all minimum clearances to combustibles as specified. Failure to comply may cause house fire.

Fire Risk.

For use with solid wood fuel only.
Other fuels may over fire and generate poisonous gases (i.e. carbon monoxide).

INSTALLATIONS TO COMPLY WITH AS/NZS 2918

NB! To guarantee optimal performance and safety, Jøtul stoves must be fitted by a qualified installer.

Any modifications to the product by the distributor, installer or consumer may result in the product and safety features not functioning as intended. The same applies to the installation of accessories or optional extras not supplied by Jøtul. This may also be the case if parts that are essential to the functioning and safety of the fireplace have been disassembled or removed.

In all these cases, the manufacturer is not responsible or liable for the product and the right to make a complaint becomes null and void.

Keep the door closed during use (the product is not approved for use with open door)

JØTUL F 620	WOODFIRE COMPLIANCE LABEL		
Standard Compliance:	AS/NZS 4012:2014 & 4013:2014		
Testing Authority, Report & Test Year:	ASFT25088 September 2025		
Classification of appliance:	Freestanding		
Fuel notice:	Burn only hardwood with a moisture content less than 25%		
Manufacturer:	JØTUL AS, POB 1411, N-1602 Fredrikstad, Norway		
Declaration of Performance:	CPR-F620-16072025		
Overall average efficiency when tested in accordance with AS/NZS 4012		68	%
Average particulate emission factor when tested in accordance with AS/NZS 4013:		0.6	g/kg
Maximum average heat output:		6.0	kW
Range of average heat output:		3.8 - 9.0	kW
Read and follow instruction manual for further information			
Lot no: 000000 2025	Pin: 000		

JØTUL F 620	WOODFIRE COMPLIANCE LABEL		
Standard Compliance:	AS/NZS 4012:2014 & 4013:2014		
Testing Authority, Report & Test Year:	ASFT25090 - September 2025		
Classification of appliance:	Freestanding		
Fuel notice:	Burn only softwood with a moisture content less than 25%		
Manufacturer:	JØTUL AS, POB 1411, N-1602 Fredrikstad, Norway		
Declaration of Performance:	CPR-F620-16072025		
ECAN authorisation number:			
Overall average efficiency when tested in accordance with AS/NZS 4012		66	%
Average particulate emission factor when tested in accordance with AS/NZS 4013:		0.67	g/kg
Maximum average heat output:		8.3	kW
Range of average heat output:		4.4 - 9.2	kW
Emission Average Rate		47.15	mg/MJ
Read and follow instruction manual for further information Performance may vary from test values depending on actual operating conditions	Date of installation:		
Lot no: 000000 2025	Pin: 000		

1. Compliance

1.1 Getting Started

A. Design and Installation Considerations

Consideration must be given to:

- Safety
- Convenience
- Traffic flow
- Chimney and chimney connector required

It is a good idea to plan your installation on paper, using exact measurements for clearances and floor protection, before actually beginning the installation. If you are not using an existing chimney, place the appliance where there will be a clear passage for a factory-built listed chimney through the ceiling and roof.

We recommend that a qualified building inspector and your insurance company representative review your plans before and after installation.

If this appliance is in an area where children may be near it is recommended that you purchase a decorative barrier to go in front of the appliance. Remember to always keep children away while it is operating and do not let anyone operate this appliance unless they are familiar with these operating instructions.

CAUTION

Check building codes prior to installation.

- Installation MUST comply with local, regional, state and national codes and regulations.
- Consult insurance carrier, local building, fire officials or authorities having jurisdiction about restrictions, installation inspection, and permits.

B. Fire Safety

To provide reasonable fire safety, the following should be given serious consideration:

1. Install at least one smoke detector on each floor of your home to ensure your safety. They should be located away from the heating appliance and close to the sleeping areas. Follow the smoke detector manufacturer's placement and installation instructions, and be sure to maintain regularly.
2. A conveniently located Class A fire extinguisher to contend with small fires resulting from burning embers.
3. A CO detector should be installed in the room with the appliance.
4. A practiced evacuation plan, consisting of at least two escape routes.
5. A plan to deal with a chimney fire as follows: In the event of a chimney fire:
   - Evacuate the house immediately.
   - Notify fire department.

Warning

Asphyxiation Risk.

- Do NOT connect this appliance to a chimney flue servicing another appliance.
- Do NOT connect to any air distribution duct or system.
- May allow flue gases to enter the house.

C. Negative Pressure

Warning

Asphyxiation Risk.

- Negative pressure can cause spillage of combustion fumes, soot and carbon monoxide.
- Appliance needs to draft properly for safety.

Negative pressure results from the imbalance of air available for the appliance to operate properly. It can be strongest in lower levels of the house.

Causes include:

- Exhaust fans (kitchen, bath, etc.)
- Range hoods
- Combustion air requirements for furnaces, water appliances and other combustion appliances
- Clothes dryers
- Location of return-air vents to furnace or air conditioning
- Imbalances of the HVAC air handling system
- Upper level air leaks such as:
- Recessed lighting
- Attic hatch
- Duct leaks

Notice

Jotul *(or the distributor)* ASSUMES NO RESPONSIBILITY FOR THE IMPROPER PERFORMANCE OF THE APPLIANCE SYSTEM CAUSED BY:

- Inadequate draft due to environmental conditions
- Down drafts
- Tight sealing construction of the structure
- Mechanical exhausting devices
- Over drafting caused by excessive chimney heights
- Ideal performance is with height of chimney between 14-16 feet (4.26-4.88m) measured from the base of the appliance.

To minimise the effects of negative air pressure:

- Install optional outside air kit with the intake facing prevailing winds during the heating season
- Ensure adequate outdoor air for all combustion appliances and exhaust equipment
- Ensure furnace and air conditioning return vents are not located in the immediate vicinity of the appliance
- Avoid installing the appliance near doors, walkways or small isolated spaces
- Recessed lighting should be a "sealed can" design
- Attic hatches weather stripped or sealed
- Attic mounted duct work and air handler joints and seams taped or sealed

1. Compliance

- Basement installations should be avoided

Warning

Fire Risk.

Jotul (or the distributor) fireplaces disclaims any responsibility for, and the warranty will be voided by, the following actions:

- Installation and use of any damaged appliance.
- Modification of the appliance.
- Installation other than as instructed by VisionLINE fireplaces.
- Installation and/or use of any component part not approved by VisionLINE fireplaces.
- Operating appliance without fully assembling all components.
- Operating appliance without legs attached (if supplied with appliance).
- Do NOT Over fire - If appliance or chimney connector glows, you are over firing.

Any such action that may cause a fire hazard.

Reciprocating saw	Flat blade screwdriver
Framing material Pliers	Electric drill and bits
High temp caulking material	Plumb line
Hammer	Safety glasses
Gloves	level
Phillips screwdriver	Tape measure
Framing square	Misc. Screws and nails
10mm socket or wrench	10-20mm self-drilling screws

D. Tools And Supplies Needed

Before beginning the installation be sure the following tools and building supplies are available:

E. Inspection of Appliance and Components

- Remove appliance and components from packaging and inspect for damage.
- Report to your dealer any parts damaged in shipment.
- Read all the instructions before starting the installation. Follow these instructions carefully during the installation to ensure maximum safety and benefit.

Fire Risk.

Inspect appliance and components for damage. Damaged parts may impair safe operation.

- Do NOT install damaged components.
- Do NOT install incomplete components.
- Do NOT install substitute components. Report damaged parts to dealer.

Notice

Jotul *(and the Distributor)* ASSUMES NO RESPONSIBILITY FOR THE IMPROPER PERFORMANCE OF THE APPLIANCE SYSTEM CAUSED BY:

- Inadequate draft due to environmental conditions
- Down drafts
- Tight sealing construction of the structure
- Mechanical exhausting devices
- Over drafting caused by excessive chimney heights
- Ideal performance is with height of chimney between 14-16 feet (4.26-4.88m) measured from the base of the appliance.

Warning!

1.2 Outside Air Provision

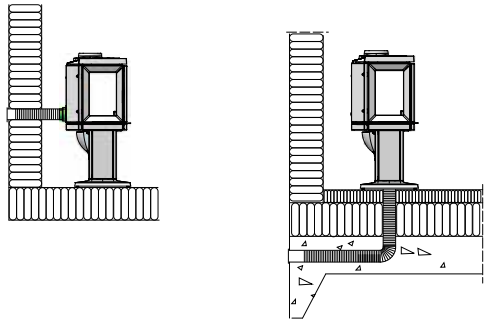
You need to ensure an adequate supply of outdoor air to the room in which the product is being installed. An inadequate supply of air may cause smoke to be emitted into the room. This is highly dangerous! Symptoms of this may be the smell of smoke, feeling of tiredness, nausea and sickness.

If the house is tightly sealed and insulated and/or has a mechanical air extraction system, the room should be fitted with vents or a separate duct to provide an additional supply of outside air. Ducts in the room where the stove is installed must be made of a non-combustible material such as a flexible aluminium pipe with an internal diameter of 80 or 100 mm. A fresh air duct connector is included with the product.

The outside air connection may be fitted directly to the Jotul F 620 through:

- the bottom of the appliance
- the rear of the appliance

This can be via a separate flexible pipe connected to the outside with a vermin proof cover mounted externally or using the VisionLINE AFS+ flue system.



For information regarding Visionline AFS+ or IFS systems, please go to www.visionlinefire.com.au

1. Compliance

AS/NZS 2918:2018 General Notes

WARNING: THE APPLIANCE AND FLUE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918 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 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'.

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.

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: THIS APPLIANCE SHOULD NOT BE OPERATED WITH 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 ITS OPERATING.

WARNING: DO NOT STORE FUEL WITHIN HEATER INSTALLATION CLEARANCES.

WARNING: OPEN AIR CONTROLS AND DAMPER WHEN FITTED BEFORE OPENING FIRING DOOR.

WARNING: FOR OPTIMUM PERFORMANCE FUEL MUST BE LOADED SO THE LOGS LAY "FRONT TO REAR" IN PREFERENCE TO LAYING ACROSS THE WIDTH OF THE FIREBOX. SPACES SHOULD BE LEFT BETWEEN THE LOGS TO ENABLE OXYGEN TO GET TO AS MUCH OF THE SURFACE OF THE FUEL AS POSSIBLE.

CAUTION: THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.

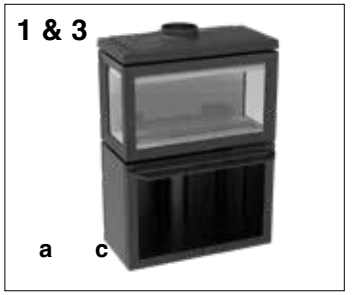
CAUTION: THE USE OF SOME TYPES OF PRESERVATIVE-TREATED WOOD AS A FUEL CAN BE HAZARDOUS.

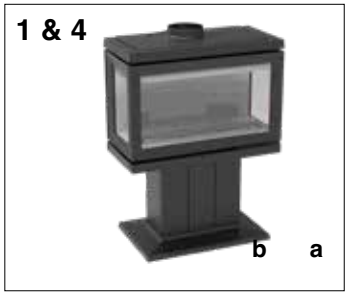
2. Components

2.1 Components List

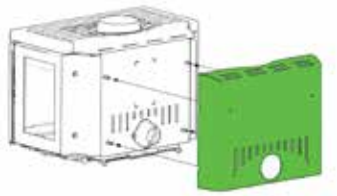
#	Product Code	Description	Included or Option	QTY
1	30063336	Jøtul F 620 BURN CHAMBER BP		1
2	51063404	Jøtul F 620 LOW BASE BP	Option	1
3	51063357	Jøtul F 620 BASE BP	Option	1
4	51063382	Jøtul F 620 Pedestal BP	Option	1
5	50063035	CONVECTION BACK PLATE F 620	Option - reduces clearances	1
6a	50063453	CONVECTION SHIELD SIDE Kit F 620 - Each	Option - reduces side clearances when combined with Cast iron Side	1
6b	51063410	Jøtul F 620 cast iron side right BP	Use with Convection shield for reduced side clearances	1
6c	51063409	Jøtul F 620 cast iron side left BP	Use with Convection shield for reduced side clearances	1
	51063919	ASH LIP F 620	Option for pedestal only	1
	50045754	DOOR LOCK, COMPLETE, LEFT	Option - switch door to hinge on the right side	1
7	12044799	Connector Outside Air Ø80/100 UP	Included	1



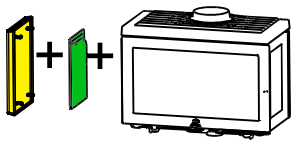


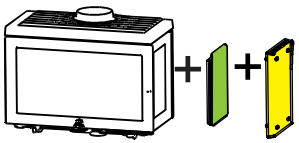


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6





7



3. Dimensions

3.1 Unit Dimensions

Fig 3.1a

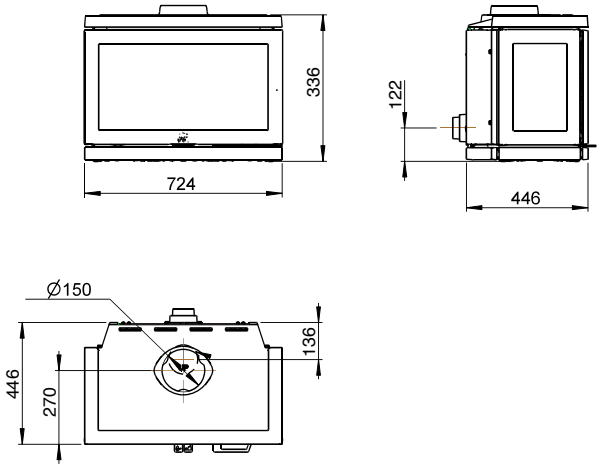


Fig 3.1b

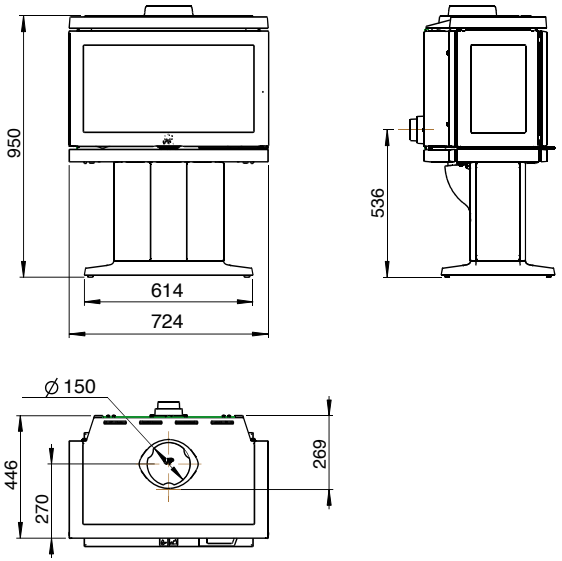
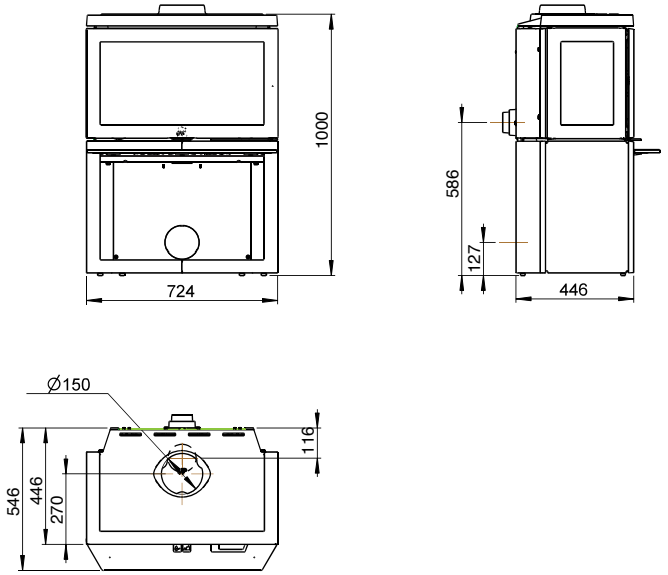


Fig 3.1c



4. Installation

4.1 Floor Protection and Clearances

The Jotul F 620 Freestanding Unit requires a floor protector.

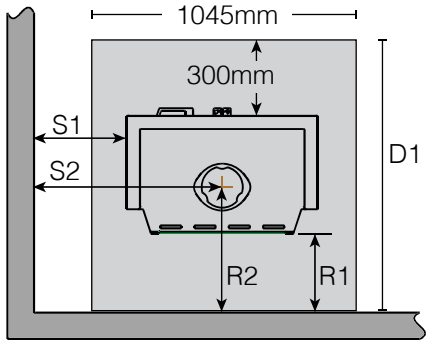
Hearth

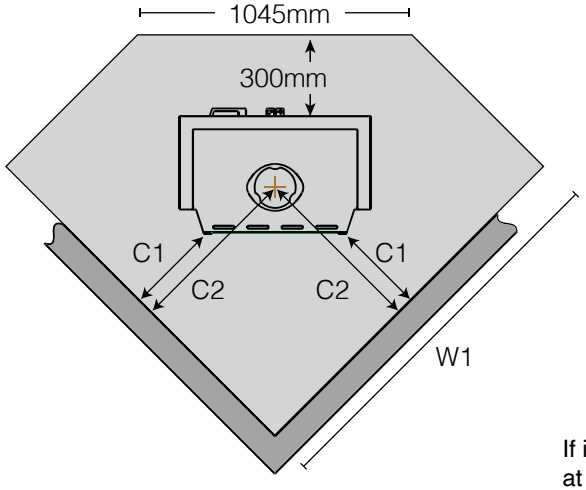
A minimum **745mm** deep x **1040mm** wide x **6mm** thick floor protector (compressed board) should be used under and in front of the appliance base when installing the appliance on the Pedestal or Woodstore see joint AS/NZS 2918:2018 3.3.2). The floor protector should extend 300mm in front of the appliance door and be placed centrally in the 1040mm width.

Notes for Low Base installation:

- Thickness should be increased to **75mm** when installed on the **Low Base at ground level**.
- At 250mm height above the ground or more, the minium required thickness for forward protection is 6mm.
- Thickness below the appliance on a raised plinth on the low base should be minimum **75mm non combustible** insulating material with thermal resistivity 0.31m2 K/W or better.

Clearances





- Rear clearances may be reduced as per the table below with the use of a rear appliance shield (See “2.1 Components List” on page 6) - **Additional flue shield for the first length is also required in this instance.**
- Side clearances may be reduced using the convection side kit and replacing the glass liner with a cast iron side. (See “2.1 Components List” on page 6).
- Corner clearances may be reduced using the appliance shield, additional flue shield and both side shields with cast iron sides.
- Minimum distance to a combustible ceiling is 1000mm

Clearances shoud be measured from the closest surface of the appliance and not the shields

Minimum recommended placement against non-combustible walls is 100mm to the rear and 200mm to the sides for servicing access.

	Without Appliance Shields Default Flue Single shield	**With Appliance Shields** (Rear/Side) Additional Flue shield required for reduced rear clearance
R1	275mm	100mm
R2	451mm	276mm
D1	1020mm	845mm
S1	725mm	350mm
S2	1087mm	712mm
C1	500mm	250mm
C2	827.5mm	577.5mm
W1	1650mm	1400mm

If installing with the Visionline Insulated Flue System (IFS) an additional flue shield is only required at the reduced clearance distances in the right side of the table above.

If installing with the Visionline Air Flue System (AFS+), no additional flue shielding is required however provision should be given for connecting outside air via the snorkel.

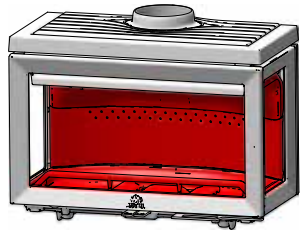
4. Installation

4.2 Before Installation

- Before installing the fireplace, check it carefully for any signs of damage
- The product is heavy! Ask someone to help you when positioning and installing it. We recommend using a lifting device.
- Make sure that furniture and other household items are not so close as to get dried up by the stove.
- The stove must be installed in rooms with good ventilation. Good ventilation is vital for the efficient operation of your stove.
- Extractor fans, when operating in the same room or space as the appliance, could cause problems.
- We recommend installing smoke detectors in the home.
- Check that Building Regulations and any local by laws are followed during installation.

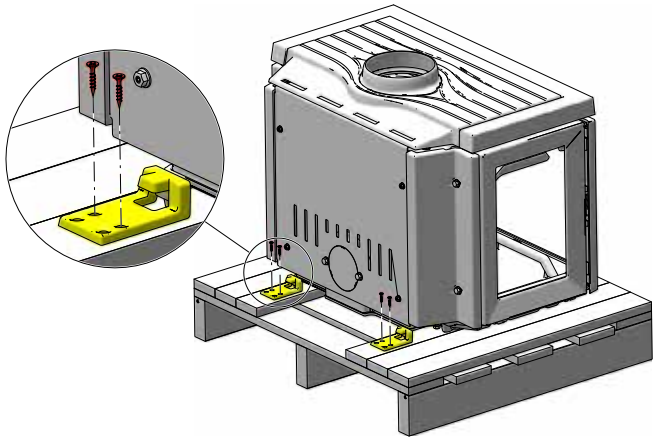
4.3 Main Parts Identification

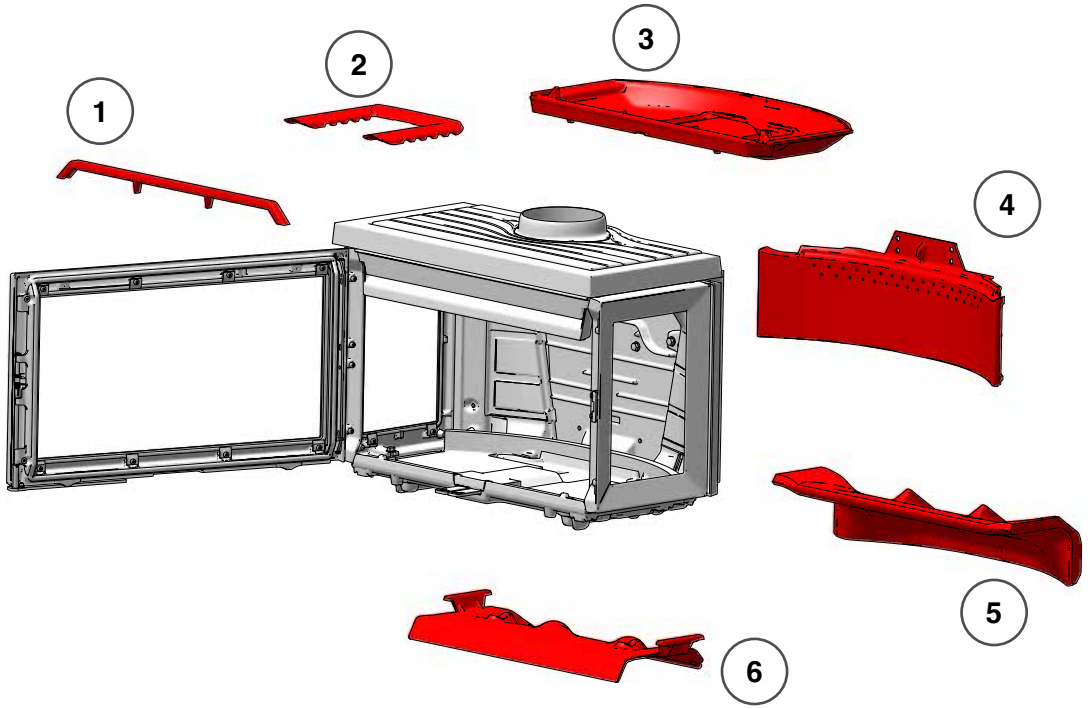
1. Log retainer
2. Inner bottom grate
3. Inner bottom
4. Rear burn plate
5. Baffle plate
6. Exhaust deflector



Remove the transport brackets

- The standard product comes in two packages. One contains the fireplace itself, the other contains the base or pedestal in cast iron.
- Remove screws from the brackets to release the burn chamber from the pallet. (6.)
- The burn chamber must be laid on its back to secure the base. Before doing this, loose parts should be dismantled. Dismantling is presented from page 10.

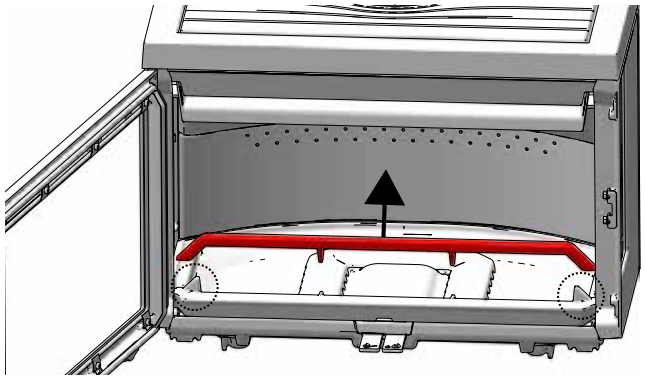




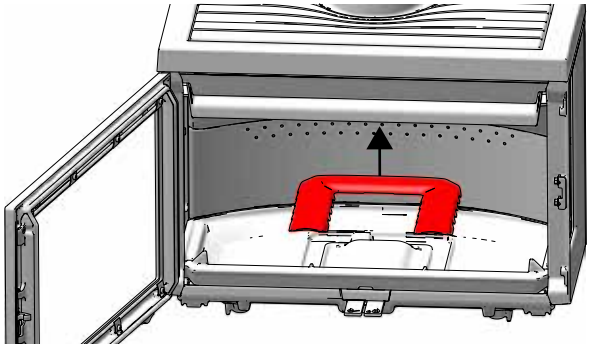
4. Installation

4.4 Internal Part Removal

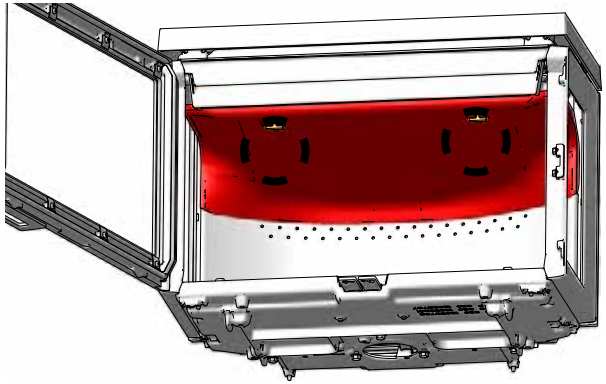
1.



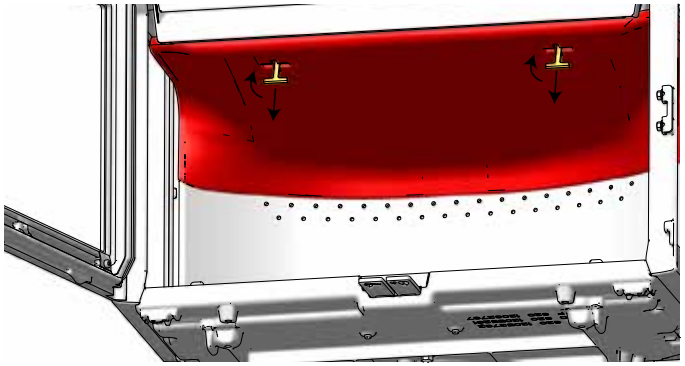
2.



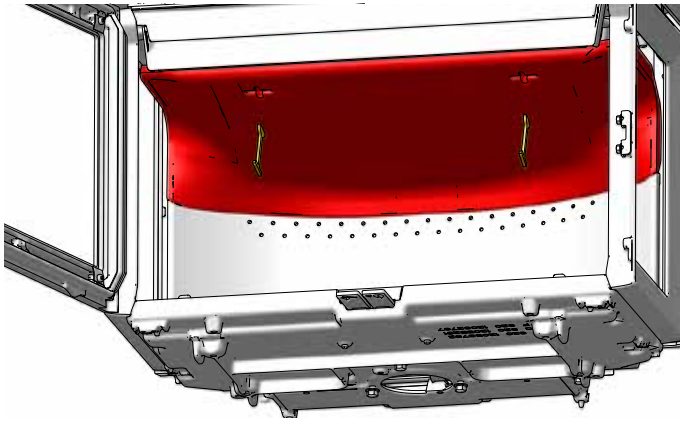
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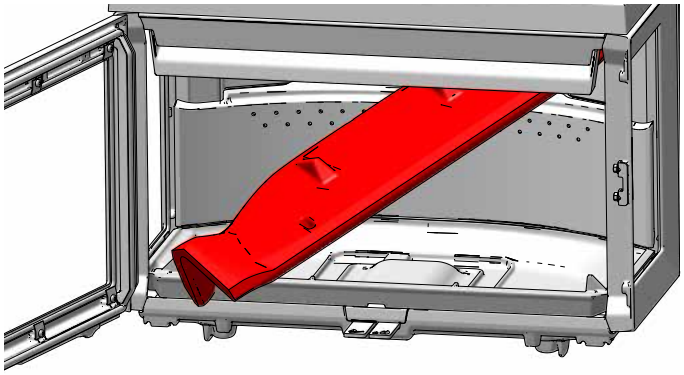
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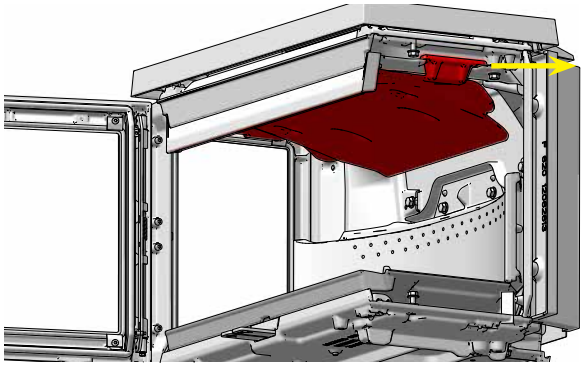
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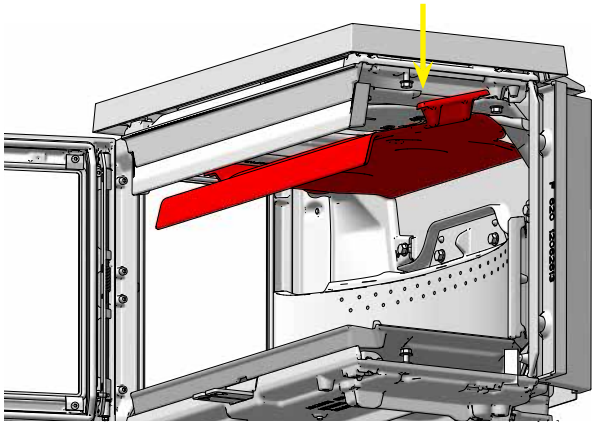
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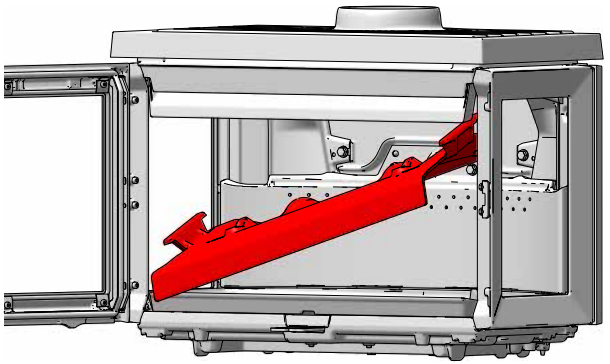
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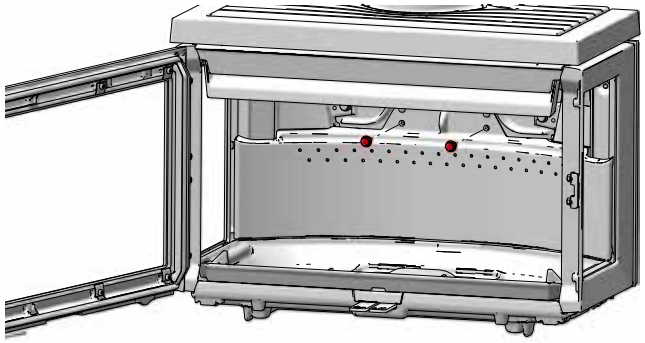
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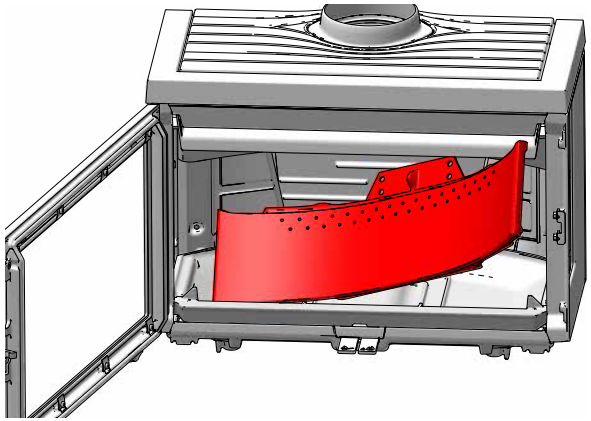
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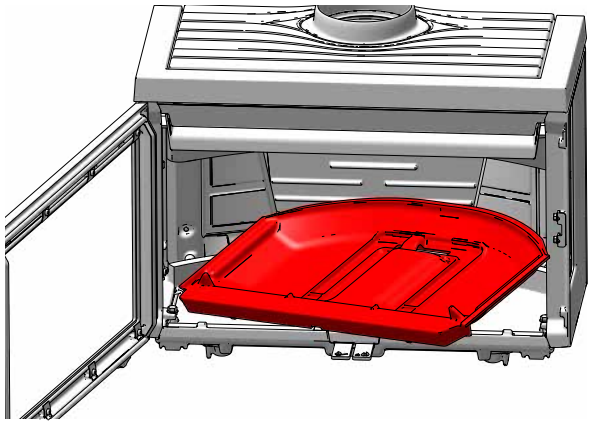
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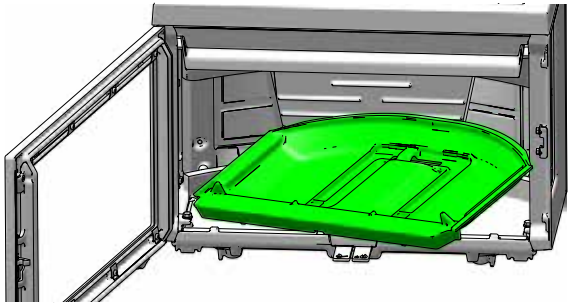


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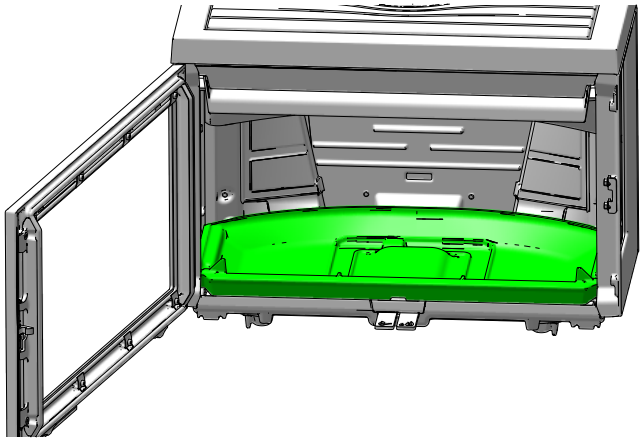


4.5 Installation of Internal Parts

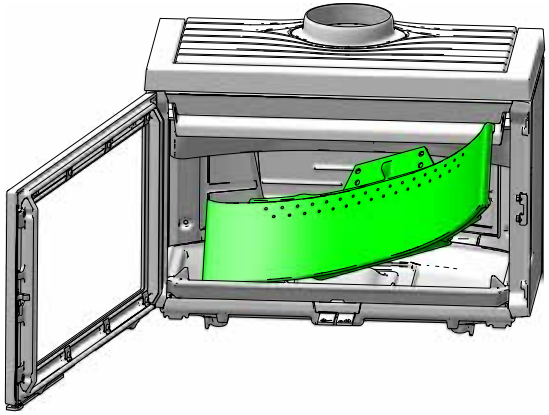
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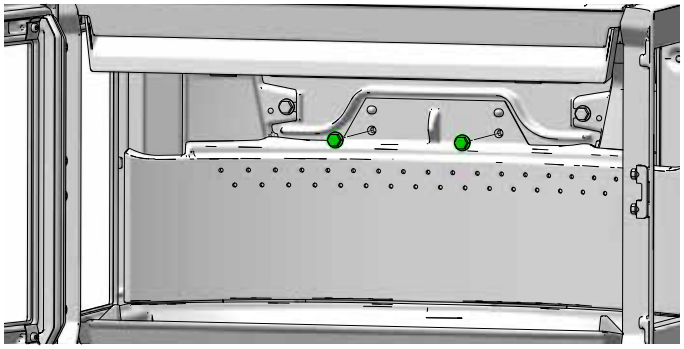
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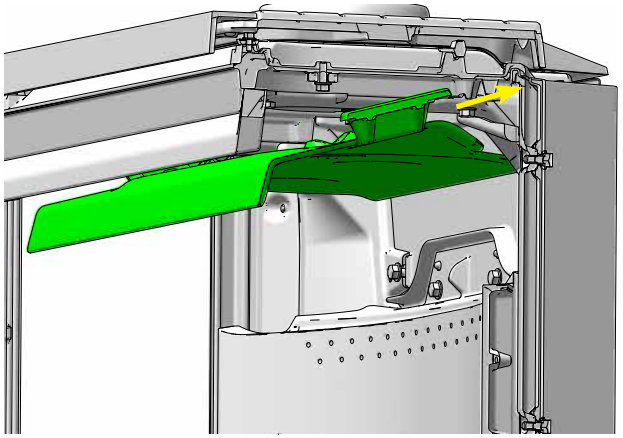
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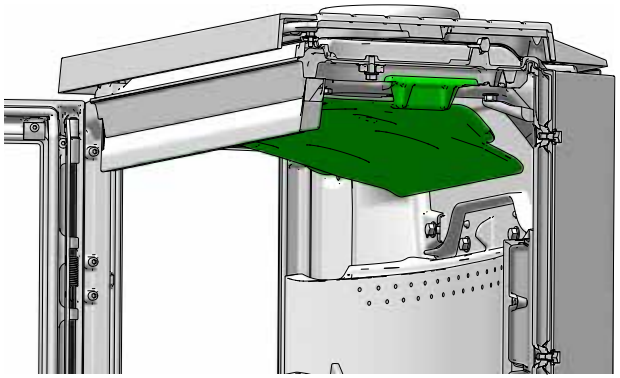
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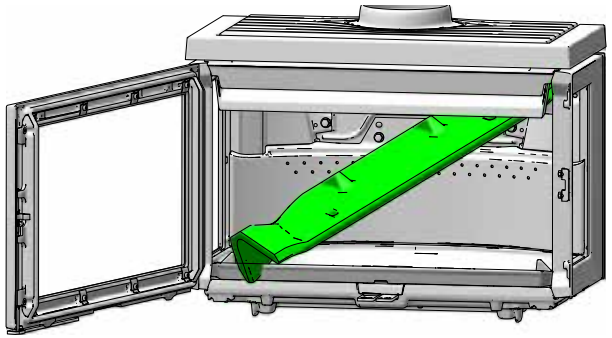


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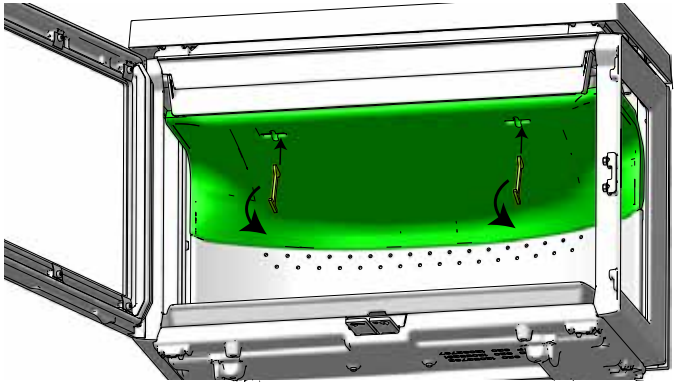


4. Installation

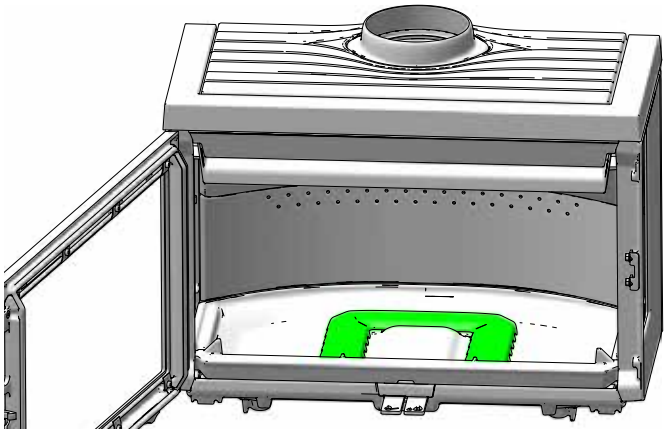
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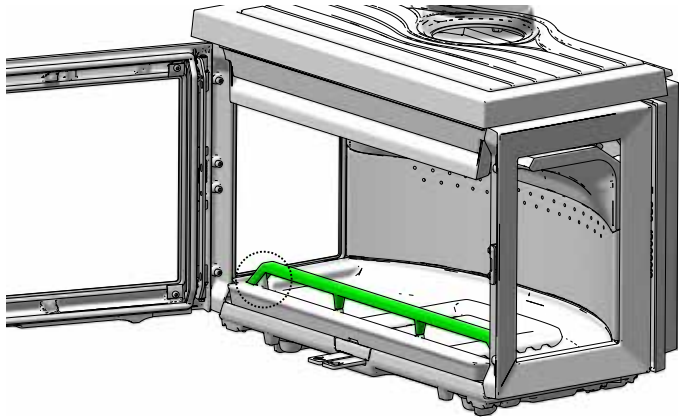
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9.



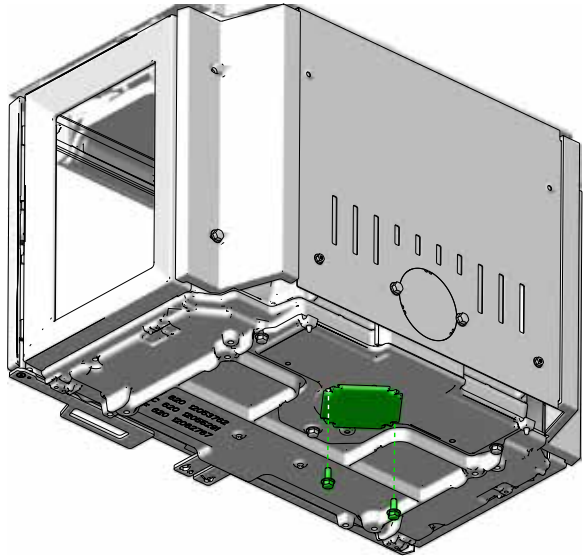
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4.6 F 620 without outside air connection

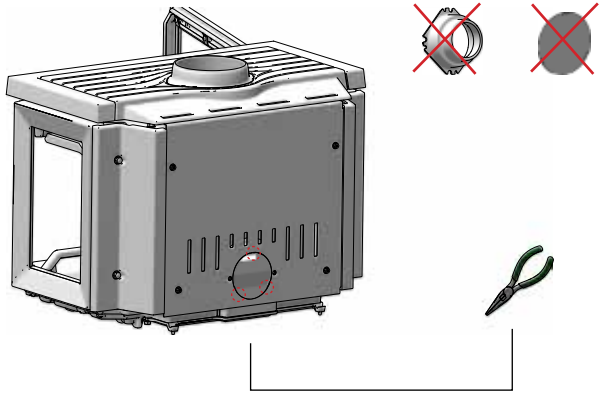
1.

Add lower outside air cover



2.

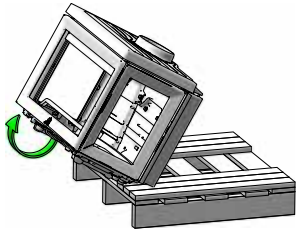
Remove rear knock out point



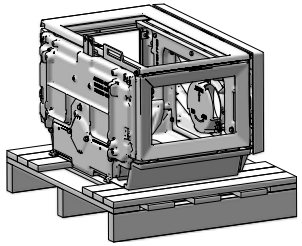
4. Installation

4.7 F 620 Low Base with outside air bottom

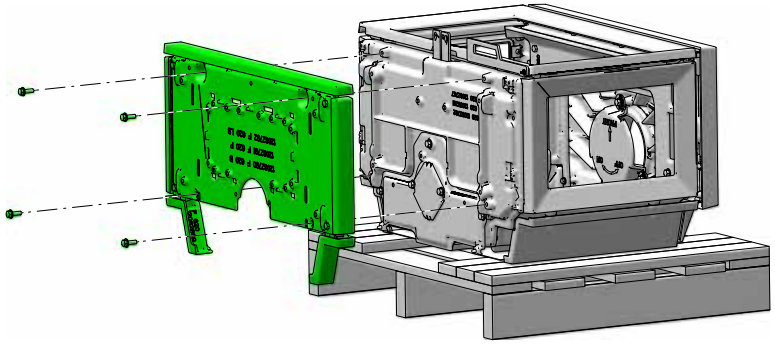
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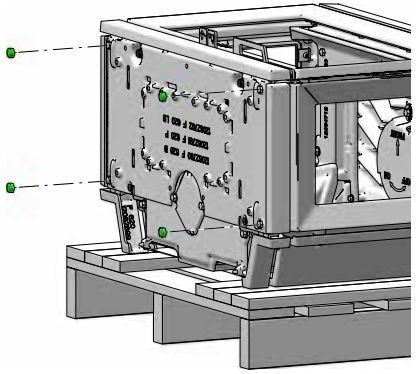
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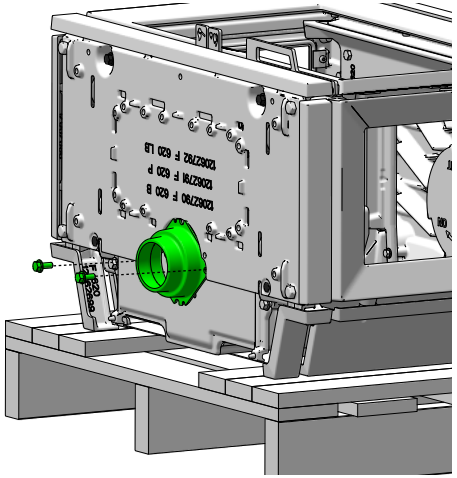
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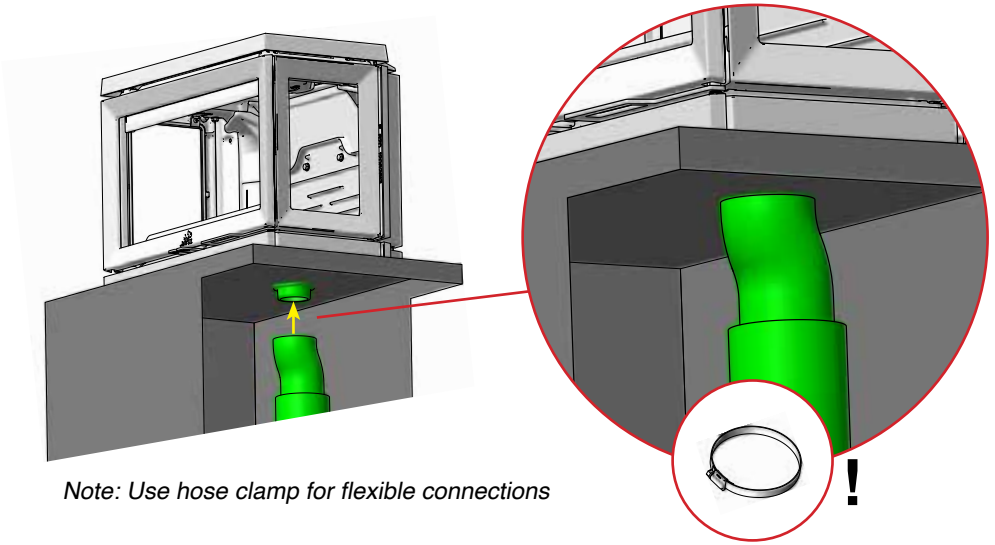
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6.

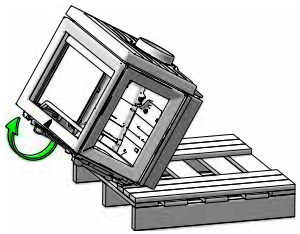


Note: Use hose clamp for flexible connections

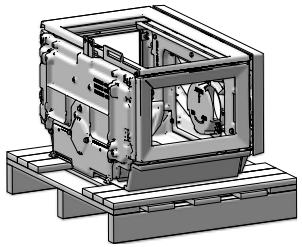
4. Installation

4.8 F 620 Low Base with outside air rear

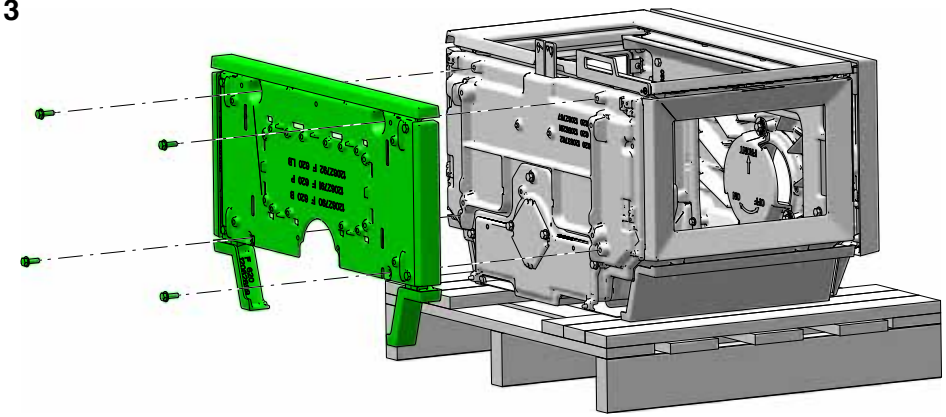
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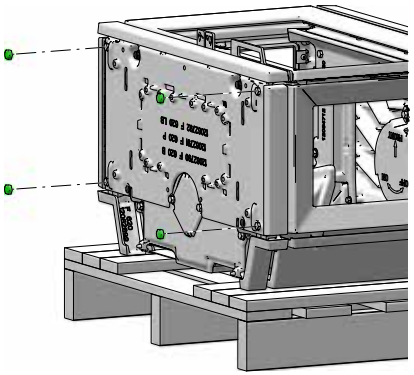
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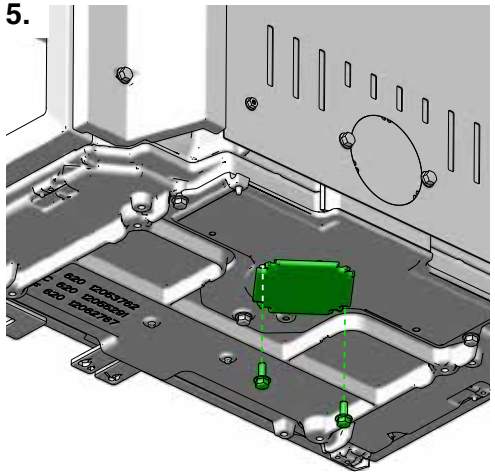
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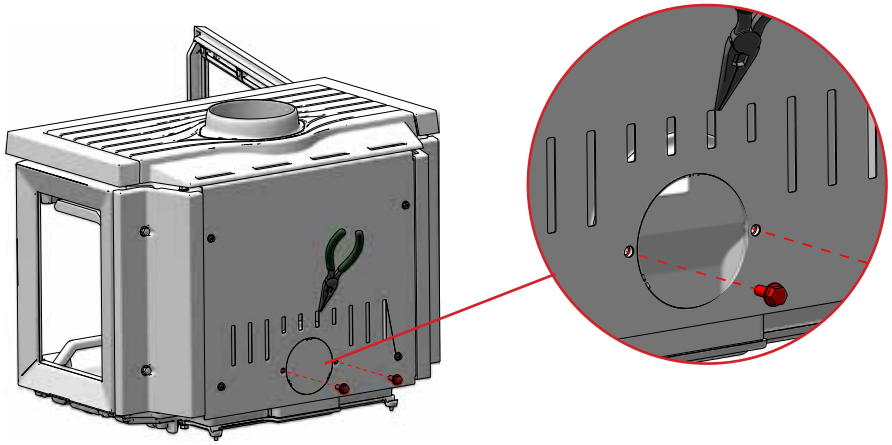
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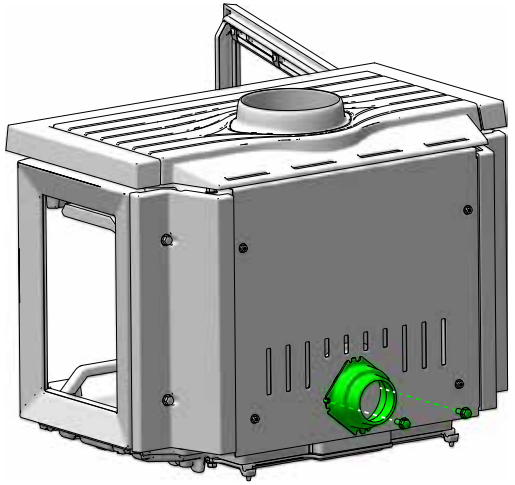
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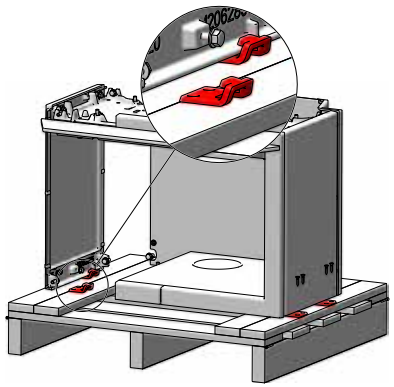
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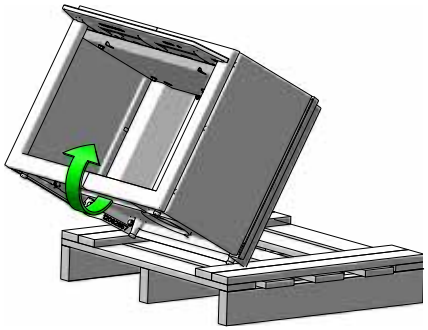
4. Installation

4.9 F 620 Base assembly

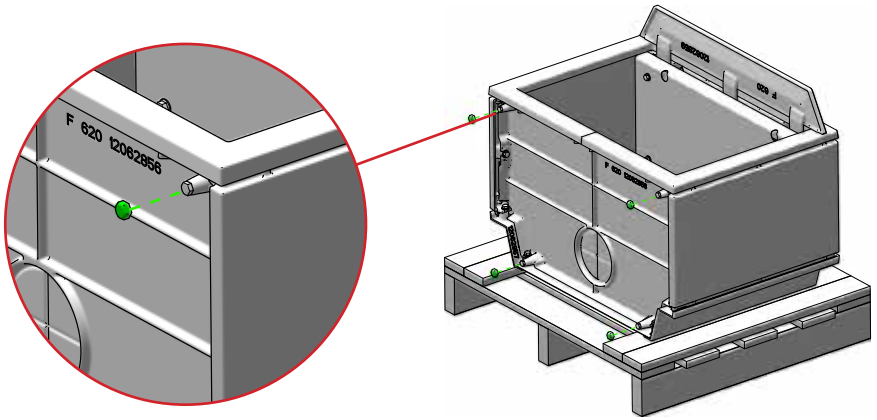
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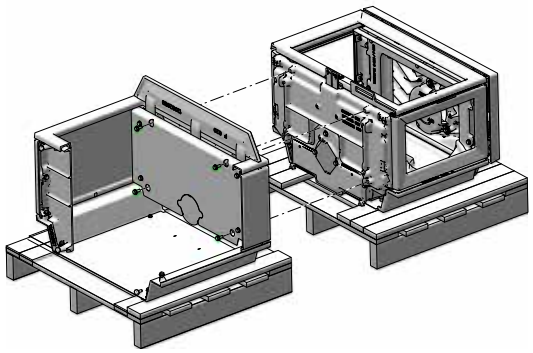
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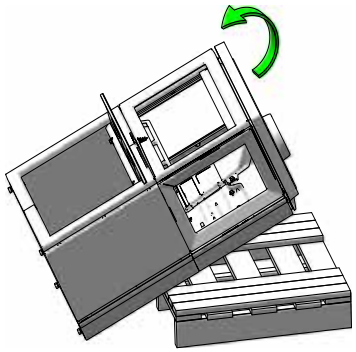
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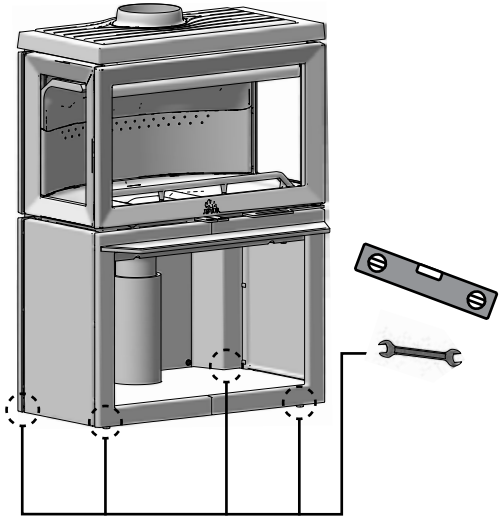
4.



5.



6.



Outside Air

If installing outside air through the bottom, Knock out the bottom of the pedestal before standing up (**fig 4.76**) and remove knockout on lower base shield (**fig 4.77**).

- Install the outside air adapter as per steps 5, 6 on page 13.

If installing outside air from the rear, follow steps 5,6 & 7 on page 14.

fig 4.76

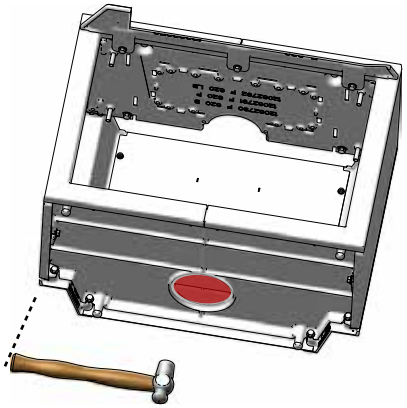
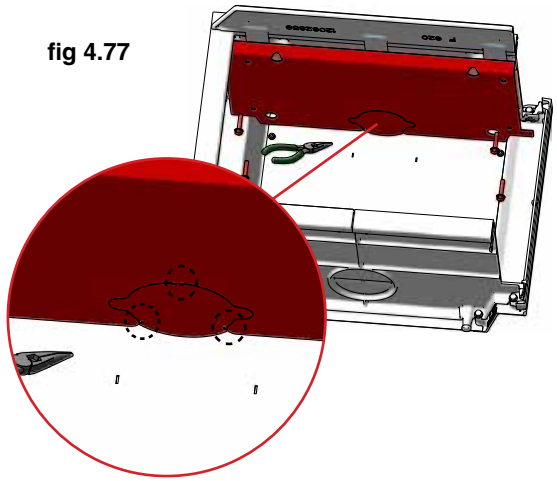


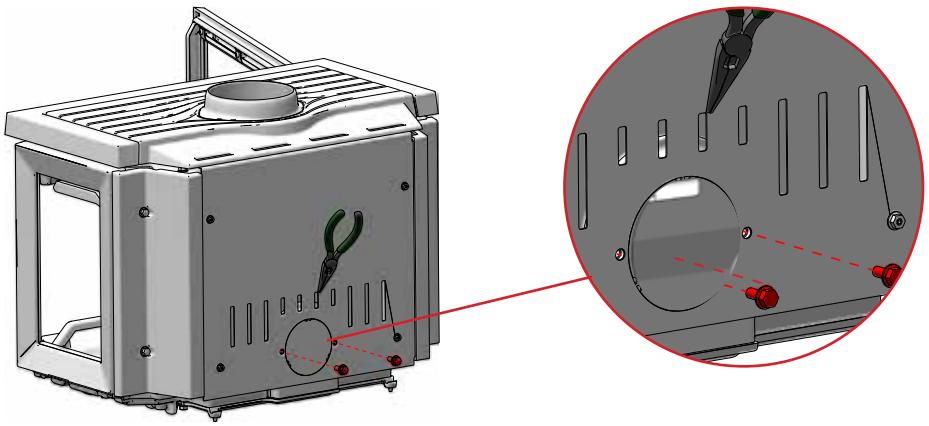
fig 4.77



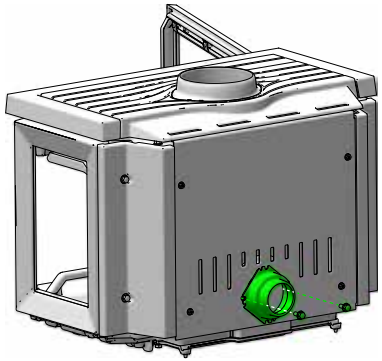
4. Installation

4.10 F 620 Pedestal assembly - outside air rear

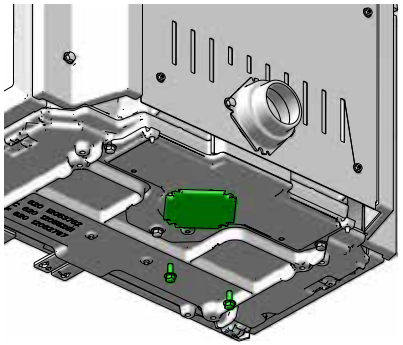
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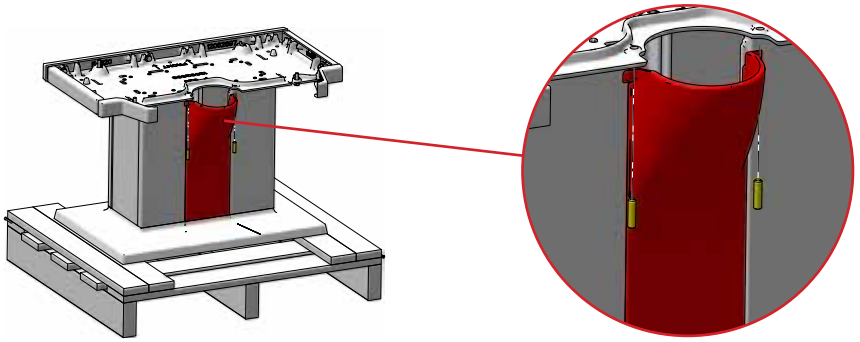
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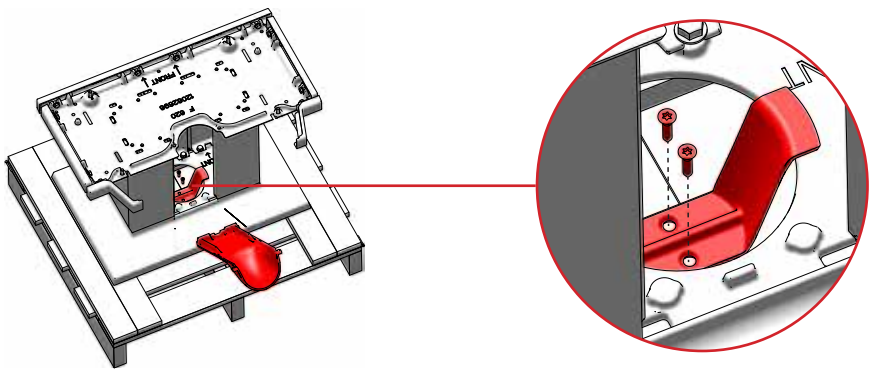
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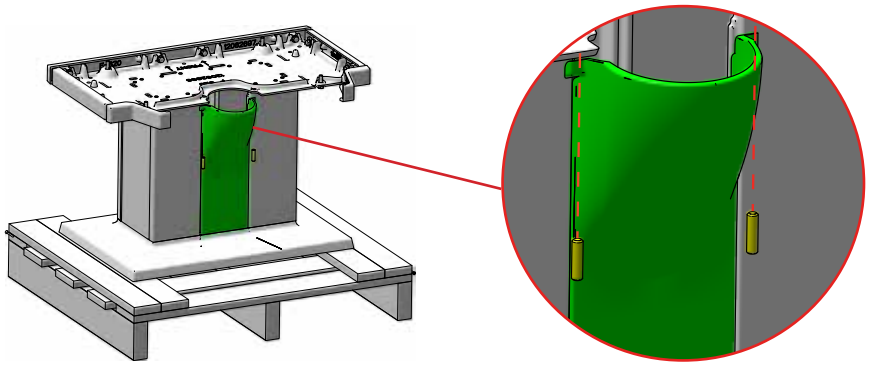
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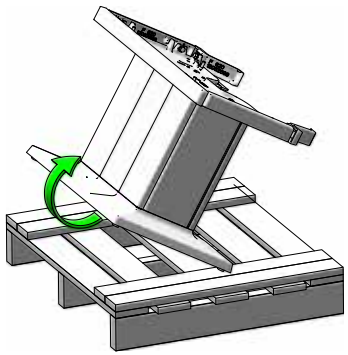
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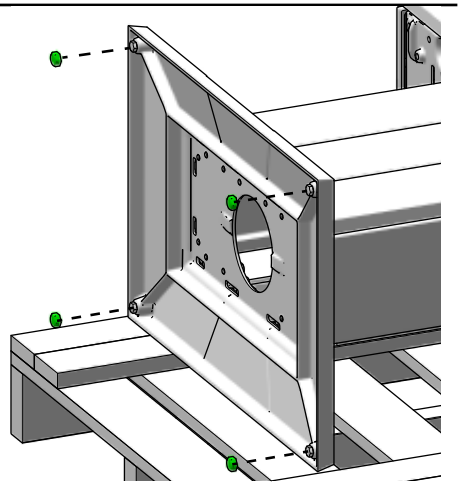
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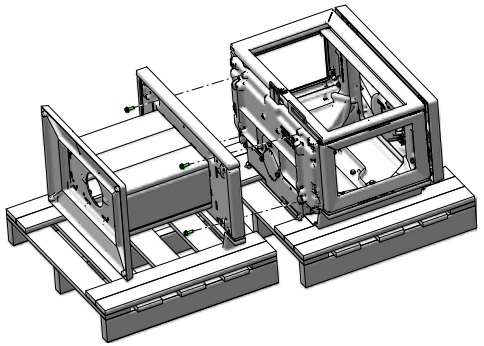
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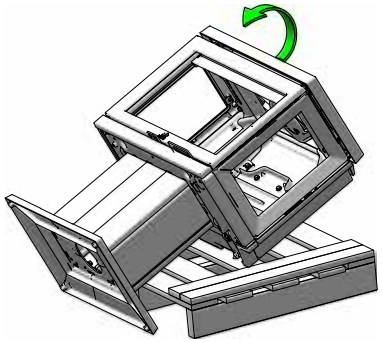
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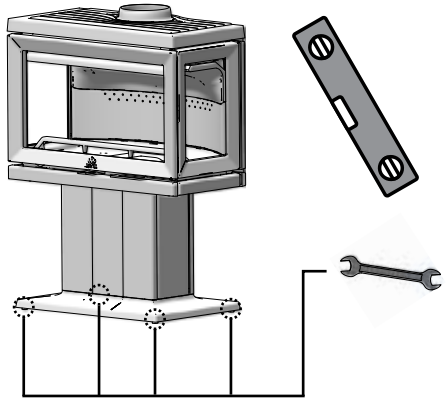
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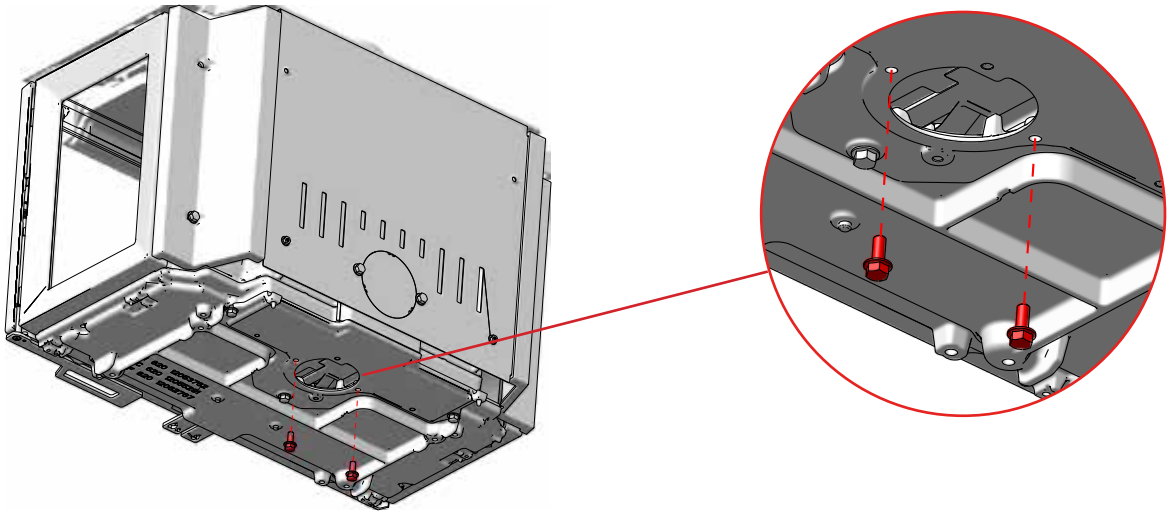


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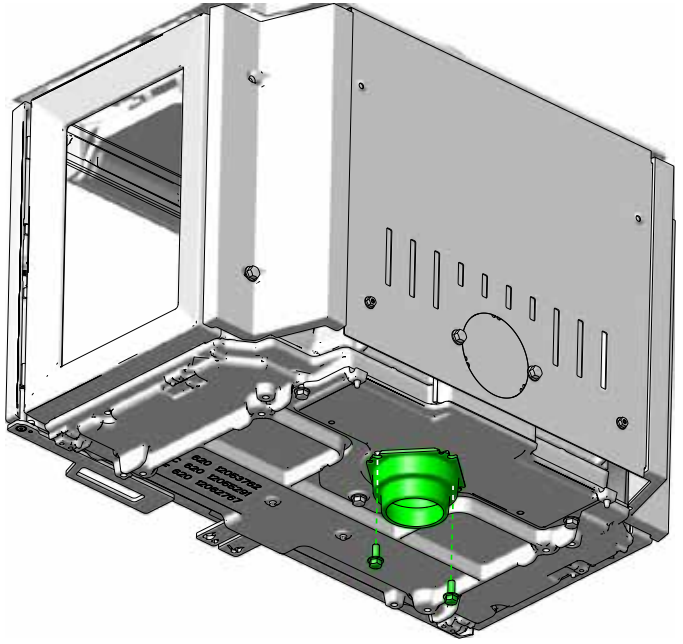


4.11 F 620 Pedestal assembly - outside air bottom

1.

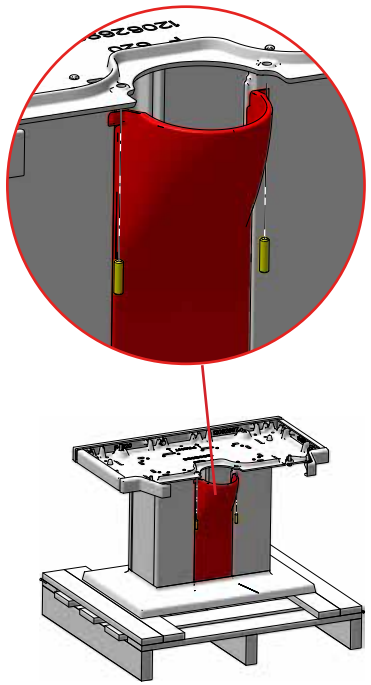


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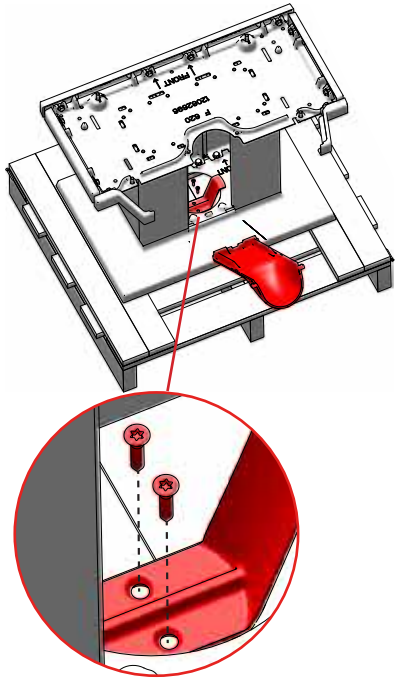


4. Installation

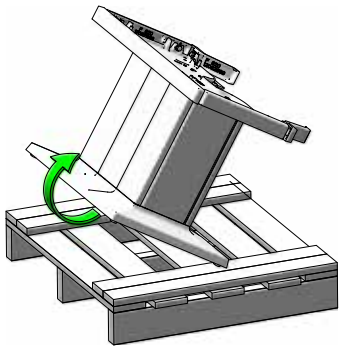
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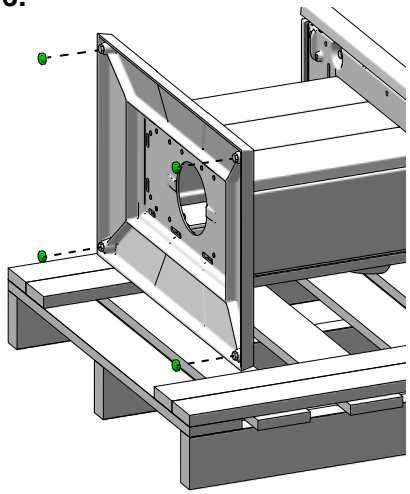
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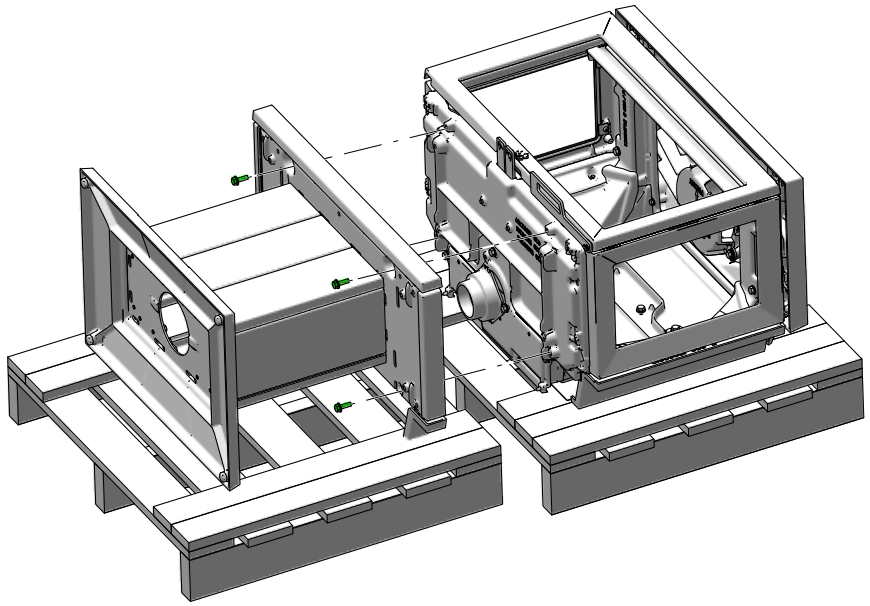
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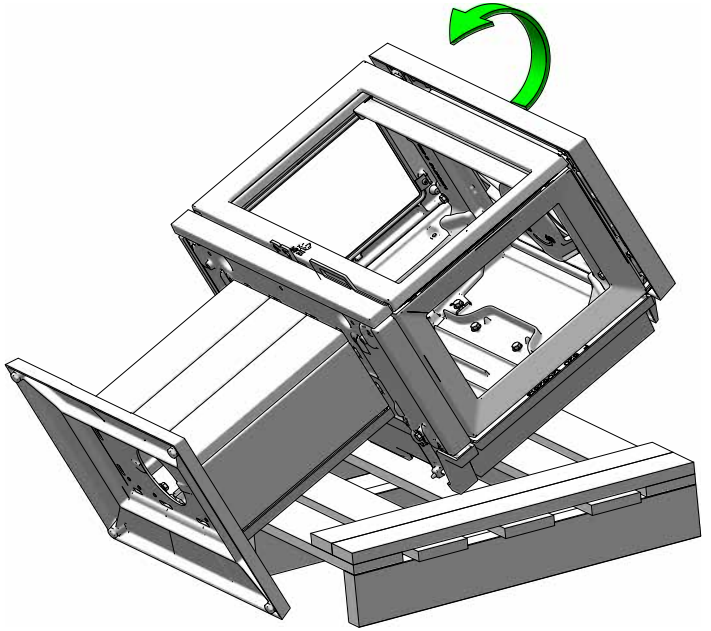
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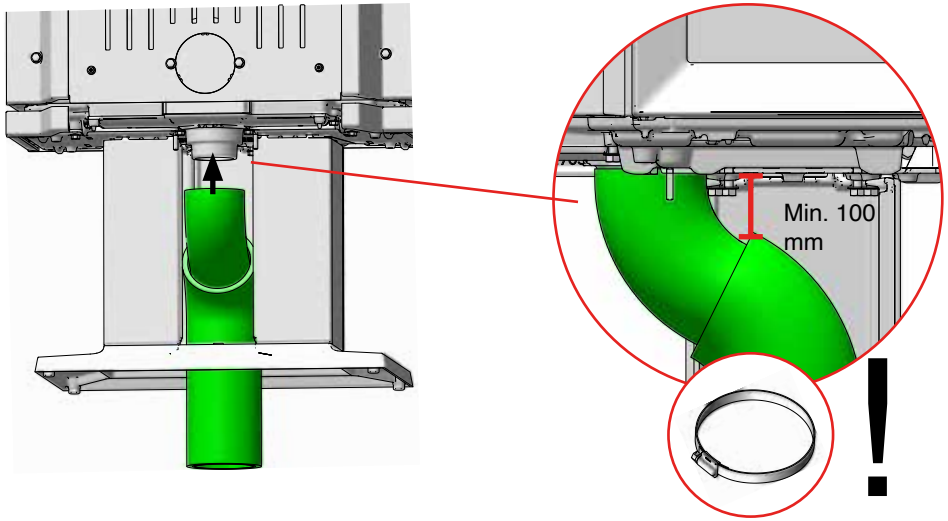


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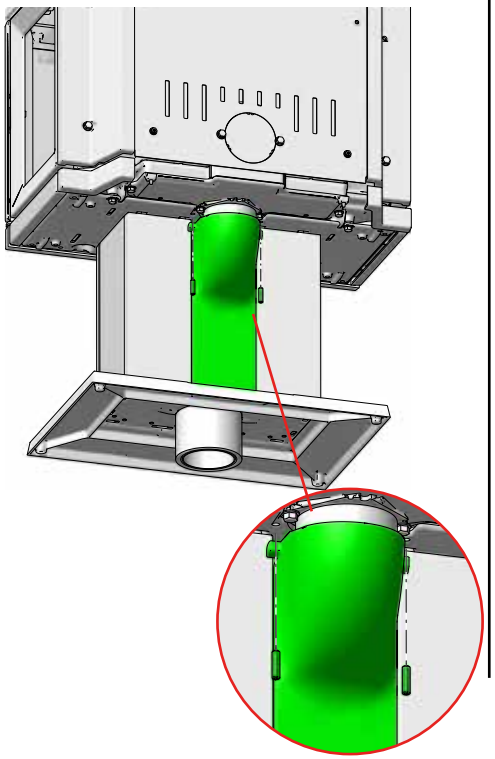


4. Installation

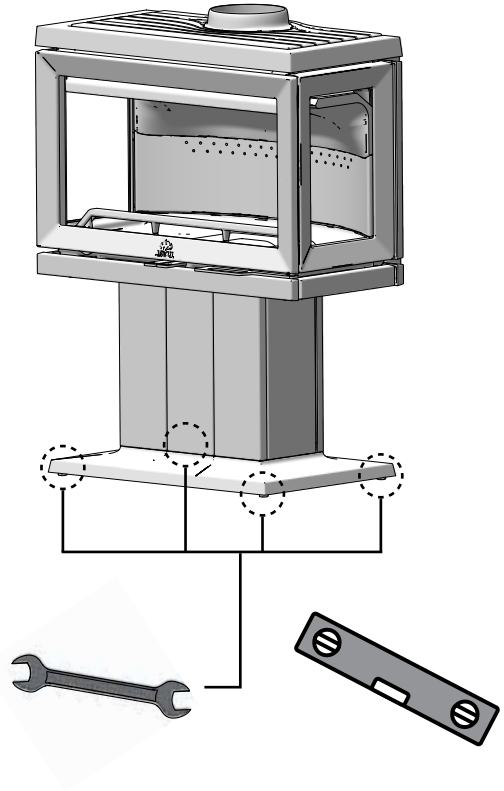
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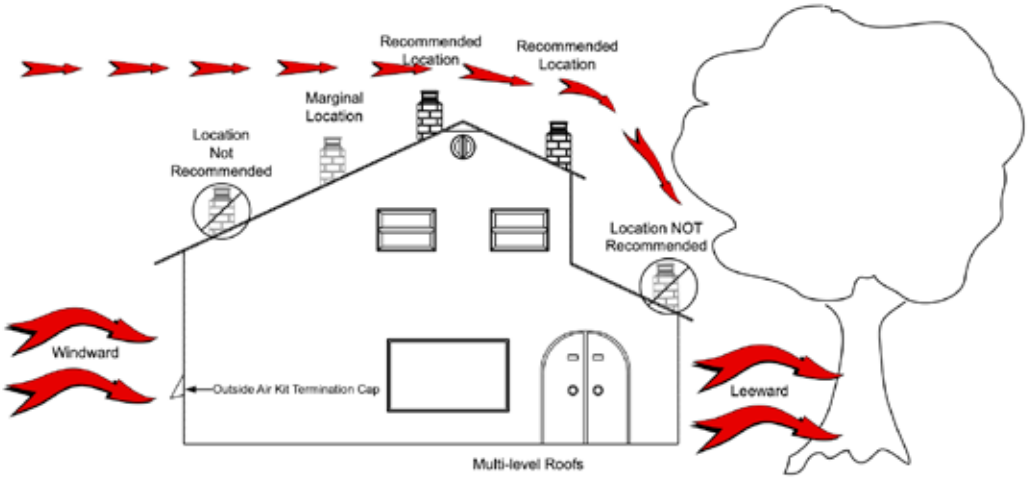
5. Flue and Venting

5.1 Locating your Chimney and appliance

The location of your appliance and chimney will affect performance. As shown in the example below, the chimney should:

- Be Installed through the warm space enclosed by the building envelope. This helps to produce more draft, especially during lighting and die down of the fire.
- Penetrate the highest part of the roof. This minimizes the affects of wind turbulence and down drafts.
- Consider the appliance location in order to avoid floor and ceiling attic joists and rafters.
- Locate termination cap away from trees, adjacent structures, uneven roof lines and other obstructions.

Your local dealer is the expert in your geographic area and can usually make suggestions or discover solutions that will easily correct your flue problem.



5.2 General Instructions

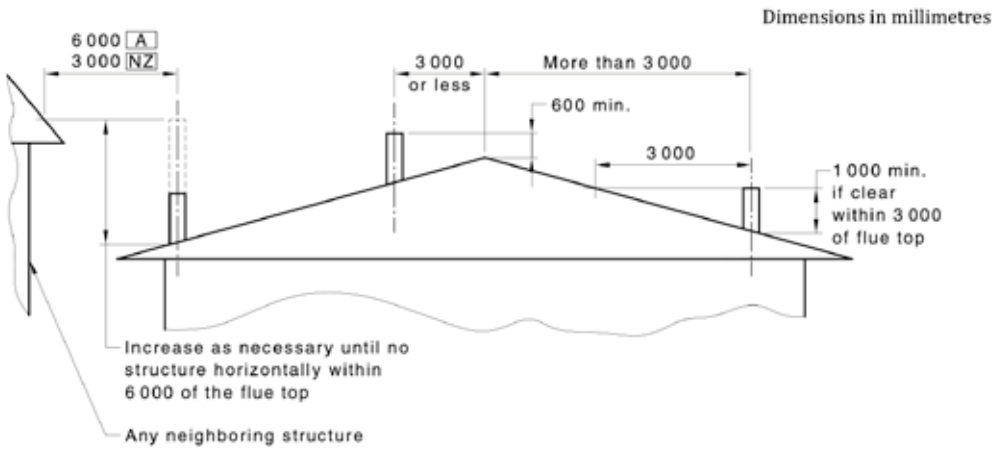
- Flue pipe installed crimp/narrow end down
- Outer casings installed crimped/narrow end up. (Critical when exposed above the roof)
- Inner casings - direction not critical
- Flue pipes - seal all joints including firebox spigot. - fix with a minimum of 3 stainless steel rivets
- Flue pipe spacers - affix to flue pipe
- Flue system termination point - Refer to AS/NZS 2918:2026 4.9.1.
- Flue pipe shall extend not less than 4.6m above top of the floor protector as per AS/NZS 2918:2026 4.9.1(a)
- Façade or chase systems - same rule applies as above.

This appliance is manufactured with a 6 inch (152mm) chimney connector as the flue collar on the unit.

- Changing the diameter of the chimney can affect draft and cause poor performance.
- Offsets and elbows permissable as per AS/NZS 2918:2026

Existing chimneys should be inspected and cleaned by a qualified professional prior to installation. The chimney must not have cracks, loose mortar or other signs of deterioration and blockage.

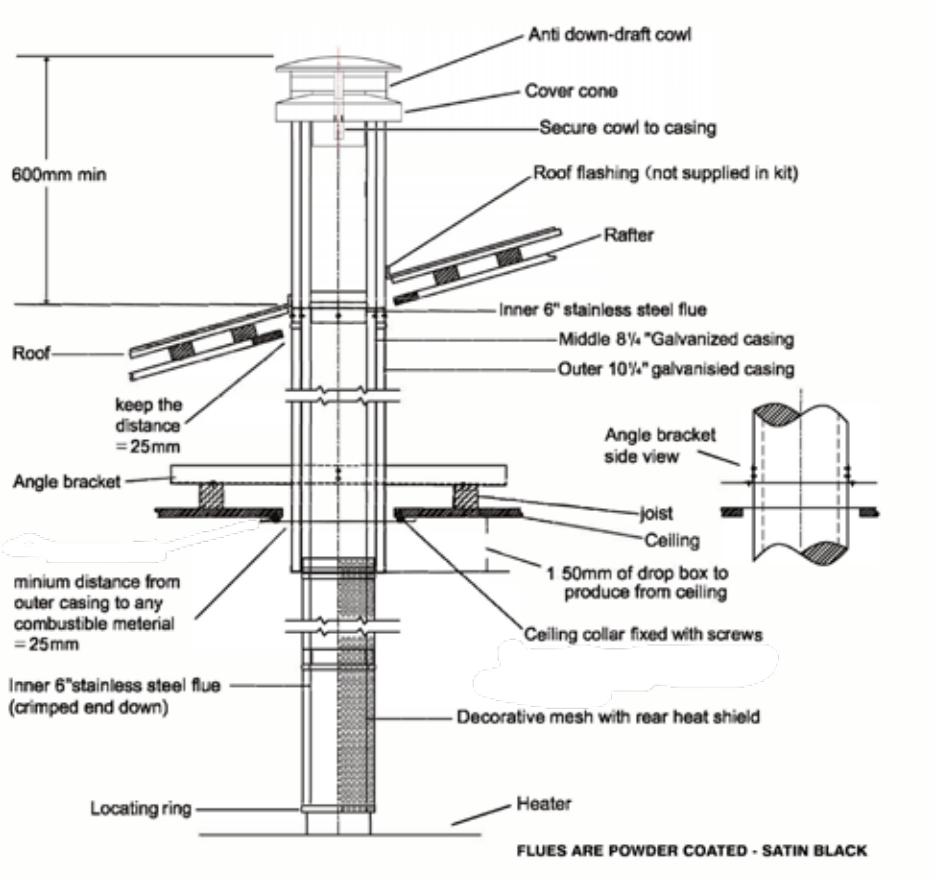
AS/NZS 2918:2026



5. Flue and Venting

5.3 Default 6” Flue Kit

The following drawing is meant as a guide only. Your wood heater MUST be installed by a qualified person whose work conforms with local council regulations, Australia/New Zealand standard AS/NZS 2918:2026 & manufacturers recommendations.



Unit is approved with either Mesh or Solid 8” decorative casing. Clearances may vary and can be reduced the use of an appliance shield and an additional flue shield. Refer to “4.1 Floor Protection and Clearances” on page 8.

Note: These instructions apply to 150mm diameter flue pipe systems as tested to AS/NZS 2918:2018

1. Either locate the appliance in position or by measuring at the ceiling mark the flue pipe centre position. Check that the outer casing is unobstructed through the attic space or roof area.
2. Spike the centre with a nail. Transfer this position to the next surface above. Plumb bob/ laser.
3. Cut out the ceiling penetration hole – square or rectangle – short axis equals outer casing diameter plus 50mm, long axis as required. See Table 5 . Perform the same at the roof penetration.
4. Frame out the hole with minimum 75 x 50 timber or as required for roofing material. Minimum requirement at roof penetration see NZ Building Code E2 Acceptable Solution (from 01/07/05).
5. Install the outer casing so that :-
   - 5/i. lower end is flush with the underside of the ceiling material and
   - 5/ii. with the addition of metal “L” brackets, affix to the outer casing at 90 degrees secure the outer casing centrally to the ceiling and roof nogs. Alternatively substitute the “L” brackets for 25mm thick non heat sensitive packers. Secure the outer casing through the packers with horizontal fixings to the nogs. Refer to the General Instruction for termination height. The option of outer casing slips to be taken into account.
6. Flash the outer casing to the roof material with the appropriate approved flashing.
7. If using an outer/inner casing combination, now install the inner casing ensuring it extends a minimum 200mm above the high side of the roof penetration. If not using a combination see ‘11’ below.
8. Refer to Firebox Installation, points 1 & 2.
9. Prepare the ceiling plate and place upside down over the flue spigot.
10. Install the flue pipes by preferred method – either up or down the outer casing. Affix each length per the notes in General Instructions (above). Extend the flue pipe above the outer casing to suit the casing cover/cowl assembly.
11. If the inner casing has not been installed, install now. Refer to 7 above for minimum height.
12. Install the cowl assembly, i.e. Top spacer, casing cover and cowl.
13. Position and secure the ceiling plate with the screws and spacers.
14. Wipe the flue pipe to remove finger marks.
15. Refer to Firebox Installation, point 3.
16. If flue offset is required, refer to AS/NZS 2918:2026 4.1

For Insulated type flue systems not contained in this manual, please refer to the manufacturers instructions.

6. Operating Instructions

6.1 Daily Use

Odours when using the fireplace for the first time!

When the fireplace is used for the first time, it may emit an irritating gas which may smell slightly. This is because the paint on the outside is drying. The gas is not toxic but you should open some windows to ensure the room is thoroughly ventilated. Let the fire burn with a high draught until all traces of the gas have disappeared and no smoke or odours can be detected.

Keep the door closed during use (the product is not approved for use with open door.)

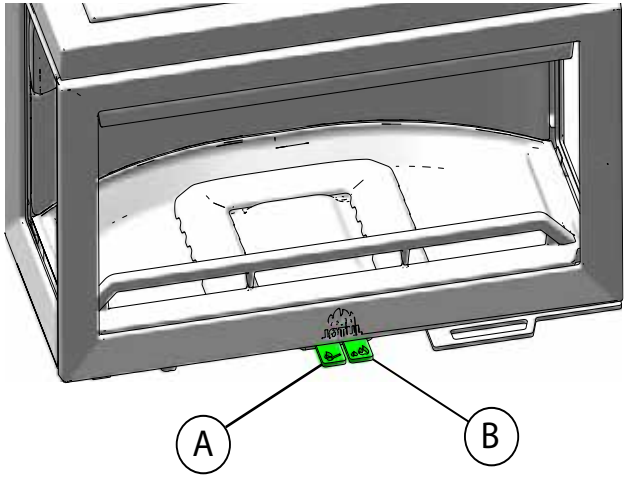
Please note! Parts of the wood-burning stove, especially the outer surfaces, become hot during use. Please exercise due care!

It is highly recommended to use the included glove when operating the air controls, door handle and/or loading firewood.

6.2 Operation

Adjusting Vents

Fig 6.21



Pull out the ignition vent (A) for initial start-up. The vent control (B) will follow automatically.

Once the fire is established, push closed the vent control (A) first and then manage the burn rate and temperature using the vent control (B).

"Top Down" lighting the fire

Lighting the fire from the top down provides more environmentally friendly lighting and helps to keep the glass areas as clean as possible.

Because the fire burns from the top down, the combustible gases released by the larger logs below must pass directly through the active flames above, igniting those gases instead of releasing them up the chimney as wasted, unburned smoke. This secondary combustion process drastically reduces particulate emissions and prevents creosote buildup. Furthermore, starting the fire at the top of the firebox places the initial heat directly under the baffle, warming the flue much faster to establish a strong, immediate draft. Unlike traditional teepee fires that frequently collapse and smother themselves, the top-down structure remains stable, delivering a longer, self-feeding burn that requires zero tending or poking for up to the first hour.

Method;

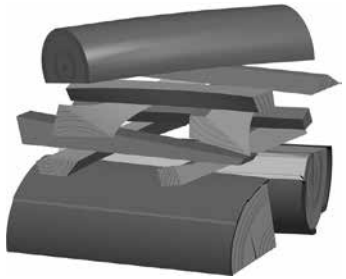
- 4 logs measuring approx. 20-25 cm in length and weighing approx. 0.5-0.6 kg each
- 15-20 kindling sticks measuring approx. 20 cm and with a combined weight of approx. 0.8-1.0 kg
- 3 firelighter sachets/cubes

Place logs, kindling sticks and firelighters/sachets in the burn chamber.

Adjust the settings for combustion air and air vent to the max. opening during the lighting phase. If the stove burns too fiercely, you can reduce the amount of combustion air (A).

WARNING: Never add so much wood that it covers the secondary holes (This does not apply when starting from cold).

Fig 6.22



Adding Firewood

Stoke the stove frequently but only add small amounts of fuel at a time. If the stove is filled too full, this can put the stove into an uncontrolled over-fire temperature range voiding your warranty and shortening the lifespan of internal components.

Add fuel to the fire in moderation - if the radiant energy from the coal bed feels too hot on your face to comfortably add fuel to the fire, you may be over-loading your fire and potentially putting the fireplace into an over-fire temperature range.

Heating advice

NB: Logs that have been stored outdoors or in a cold room should be brought indoors 24 hours before use to bring them up to room temperature.

There are various ways of heating the stove but it is always important to be careful about what you put in the stove. See the section on "Wood quality".

Wood quality

The logs should be dried so that the moisture content is no more than 20%.

To achieve this, the logs should be cut no later than in late winter. They should be split and stacked in a way that ensures good ventilation. The wood stacks should be covered to protect the logs from rain. The logs should be brought indoors during early autumn and stacked/stored for use in the coming winter

Be especially careful never to use the following materials as fuel in your fireplace:

- Household rubbish, plastic bags, etc.
- Painted or impregnated timber (which is extremely toxic).
- Laminated wooden planks.
- Driftwood

These may harm the stove and are also pollutants.

WARNING: Never use petrol, paraffin, methylated spirit or similar liquids to light the fire. You may cause serious injury to yourself and damage to the product.

6. Operating Instructions

Wood Consumption

The efficiency of the Jøtul F 620 gives it a nominal heat output of approx. 8.7 kW. Wood consumption, at nominal heat output: Approx. 2.64 kg/t. the size of the logs should be:

Recommended length:	20 - 33 cm
Diameter:	Approx. 4-7 cm
Stoking frequency:	Approx. every 48 minutes
Fire size:	2.1 kg (nominal output)
Quantity required each time:	X4

The stated test values have been achieved by adding 4 logs measuring 22 cm, with a combined weight of 2.1 kg. The logs are added crosswise.

Close the door after lighting. 100% air for 2 minutes.

After this, the ignition vent is adjusted down to approx. 43%. Air vent (B) is kept at 100%.

Longer burn times can be achieved by increasing the size of the fuel and reducing the air controls however this will reduce the heat output to below nominal.

WARNING: Never overstoke the fireplace!

Overfiring occurs when there is too much fuel and/or too much air so that too much heat develops. Overfiring can be identified by parts of the stove or flue glowing red. If this happens, reduce the air vents immediately.

Using your stove in various weather conditions

Wind blowing on the chimney can have a great effect on how your stove reacts in various wind conditions; you may need to adjust the airflow to achieve good burning results.

Fog can also have a great influence on how well a chimney draws; you may again need to adjust the airflow settings to achieve good burning results.

Chimney/Flue

The chimney is the engine that drives the fireplace and it's essential to have a good chimney in order for the fireplace to function properly.

The draught in the chimney creates a vacuum in the stove.

The combustion air is also used for the airwash system that keeps the window clear of soot.

The draught in the chimney is caused by the difference in temperatures inside and outside the chimney. The greater the temperature difference, the better the draught in the chimney. It is therefore important to allow the chimney to reach operating temperature before adjusting the air vents to restrict combustion in the stove (a brickwork chimney takes longer to reach operating temperature than a steel chimney).

It is particularly important to reach operating temperature as quickly as possible on days on which the draught in the chimney is poor due to unfavourable wind and weather conditions. Make sure the fuel ignites as quickly as possible.

Practical tip: Chop the wood into much smaller pieces and use an extra firelighter.

NB: If the stove has not been used for some considerable time, it is important to check the chimney pipe for blockage.

6.3 Service/Maintenance

Warning! Any unauthorised changes to the product are illegal! Only original spare parts may be used

Cleaning the glass

Jøtul's fireplaces are fitted with air washing of the glass. Via the air vent, air is deflected down along the inside of the glass, reducing the accumulation of soot deposits.

There will always be some soot on the glass, however, but the amount depends on the local conditions and the adjustment of the air vent. Most of the soot layer will normally be burned off when the air vent is fully opened and the fire is burning briskly.

Good advice! Normal cleaning – take a piece of kitchen paper and dampen it with warm water. Dab it on some ash from the burn chamber then rub the glass with the paper. Wipe clean with fresh water. Dry well. If the glass needs cleaning more thoroughly, use a detergent for glass (follow the manufacturer's instructions on the bottle).

Cleaning and Soot Removal

Soot deposits may build up on the internal surfaces of the fireplace during use. Soot is an insulator and will therefore reduce the fireplace's heat output. If soot deposits accumulate on the glass, they can easily be removed by using a suitable diluted detergent on a lint free cloth or newspaper dipped in some white ash. White ash is a scratch free light abrasive and can assist in removing stains from the glass.

In order to prevent a layer of water and tar from forming in the fireplace, you should regularly allow the fire to burn hot in order to remove the layer. Your product should be cleaned internally once a year to ensure the best heating effect. It is a good idea to do this when cleaning the chimney and flue pipes.

- Only remove ash when the fireplace is cold
- Use a scoop or similar and scrape out the ash, but always leave a small layer on the bottom to act as a protective layer
- Dispose of ash safely outdoors in a place where it will not pose a potential fire hazard.

Sweeping the flue pipe to the chimney

Flue pipes must be swept through the flue pipe sweeping hatch or through the door opening. The side burn plates, baffle and exhaust deflector must be removed first. See section "4.4 Internal Part Removal" on page 10 for instructions.

Inspection of the fireplace

Jøtul recommends that you carefully inspect your fireplace yourself after it has been swept/cleaned. Check all visible surfaces for cracks. Also check that all joints are sealed and that the gaskets are in the correct position. Any gaskets showing signs of wear or deformation must be replaced.

Thoroughly clean the gasket grooves, apply ceramic glue (available from your local Jøtul dealer) and press the gasket well into place. The joint will dry quickly.

Exterior maintenance

Painted products may change colour after they have been used for several years. The surface should be cleaned and brushed free of any loose particles before new paint is applied.

The colour match for the Jotul F 620 is Senotherm SCHWARZ with product code:

17-1644-702338

6.4 External air supply - Outside air

Fresh air supply

The air used for combustion in any well-insulated house needs to be replaced. This is particularly important in houses with mechanical ventilation. Such replacement air can be procured in several ways. The most important thing is to supply the air to the room where the stove is placed. Place the outside wall valve as close to the stove as possible and make sure that it can be closed when the stove is not in use.

There must be enough air supplied to the room where the stove is located to ensure there is sufficient combustion air and air for other installations. **Check that the air vents in the room where the stove is located are not blocked.**

For the fresh air supply connection, follow the national and local building regulations including vermin prevention covers.

Closed combustion system

With an external air supply, the burn chamber is supplied with cool, oxygen-rich air that will deliver more efficient combustion. Use the stove's closed combustion system if you live in recently built, airtight dwellings.

Connect the external combustion air through a ventilation pipe through the wall, the floor or using the Visionline AFS+ flue system.

Air supply

The amount of combustion air for Jøtul's products is approximately 20-40 m3/h.

The outside air connection may be fitted directly to the Jøtul F 620 as follows:

Fig 6.41 - Through an outside wall

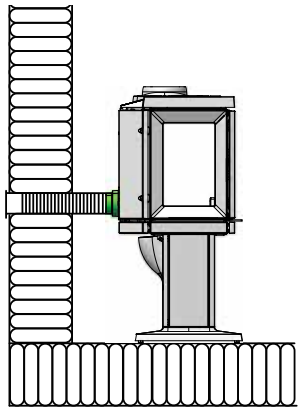


Fig 6.42 - Through the floor and ground

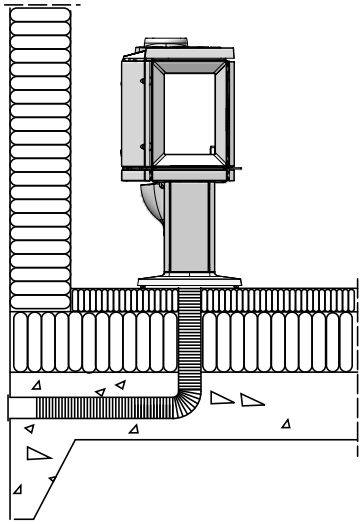


Fig 6.43 - Through the floor and basement

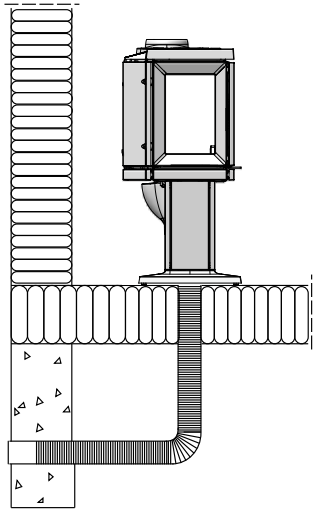
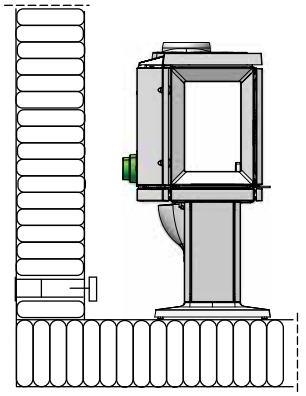


Fig 6.44 - Indirectly through an outside wall



7. Warranty Information

1. Our guarantee covers:

Jøtul AS guarantees that the external cast-iron parts are free from defects in materials or manufacturing at the time of purchase. You may extend the guarantee on the external cast-iron parts to 25 years from the date of delivery by registering the product on jotul.com, and print out the extended guarantee card within three months of purchase. We recommend that the guarantee card be kept together with the receipt. Jøtul AS also guarantees that steel plate parts are free from defects in materials or manufacturing at the time of purchase for a period of 5 years from the date of delivery.

The guarantee applies on the condition that the stove has been installed by a qualified installer in accordance with applicable laws and regulations and Jøtul's installation and operating instructions. Repaired products and replacement items are guaranteed within the original guarantee period.

2. The guarantee does not cover:

2.1. Damage to consumables such as burn plates, fire grates, flue baffles, gaskets and similar as these deteriorate over time due to normal wear and tear.

2.2. Damage caused as a result of improper maintenance, overheating, use of unsuitable fuel (e.g of unsuitable fuel are, but not limited to driftwood, impregnated wood, plank offcuts, chipboard) or too moist / wet wood.

2.3. Installation of optional extras for the purpose of rectifying local draught conditions, air supply or other circumstances beyond Jøtul's control.

2.4. Cases involving alterations / modifications to the fireplace without Jøtul's consent or the use of non-original parts.

2.5. Damage caused during storage at a distributor, transport from a distributor or during installation.

2.6. Products sold by unauthorized sellers in areas where Jøtul operates a selective distribution system.

2.7. Associated cost (e.g.but not limited to, transport, manpower, travel) or indirect damages.

Pellets stoves, glass, stone, concrete, enamel and paint finish (e.g. but not limited to chipping, cracking, bubbling or discolouration and crazing) are applicable to the national legislation governing the sale of consumer goods. This guarantee is valid for purchases made within the territory of the European Economic Area. All guarantee inquiries must be addressed to your local authorized Jøtul dealer within a reasonable amount of time, which shall not be later than 14 days from the date on which the fault or defect first became apparent. See list of importers and dealers on our web site www.jotul.com.

If Jøtul is unable to meet the obligations outlined in the above guarantee terms, Jøtul will offer a replacement product with a similar heating capacity free of charge.

Jøtul reserve the right to decline of any replacement of parts or service in the event that the guarantee is not registrated online. This guarantee does not affect any rights under applicable national legislation governing the sale of consumer goods. The national complaint right applies from the purchase date and only in exchange for a receipt / serial number.

3. How to Claim:

To make a claim against this warranty, contact your local distributor during regular business hours.

Additional service fees may apply if you are seeking warranty service from a distributor other than the one from whom you originally purchased the product.

Check with the Importer/Distributor in advance for any costs to you when arranging a warranty call. Travel and shipping charges for parts are not covered by this manufacturers' warranty.

The Importer/Distributor will assess your claim and may need to inspect the product as part of the assessment of your claim. If the product requires inspection, The local Distributor will discuss with you the best way for this to occur.

To make a claim under this manufacturer's warranty, you must be able to prove when you purchased the product. The easiest way to do this is through your original proof of purchase, for example your invoice or receipt. However, if you do not have your original proof of purchase The Fireplace may accept other evidence of the date of purchase.

Importer/Distributor - Australia

VisionLINE Australia
PO BOX 5051 Burnley, 3121
Phone: (03) 9429 5573
Service/Parts: 1300 195 482
Email: info@visionlinefire.com.au
Web: visioninefire.com.au

Importer/Distributor - New Zealand

The Fireplace
12 Tawari St, Mt Eden, 1024
Phone: (09) 623 6990

Email: sales@thefireplace.co.nz
Web: thefireplace.co.nz

Jøtul AS,
P.o. box 1411
N-1602 Fredrikstad,
Norway
www.jotul.com

Jøtul pursue a policy of constant product development. Products supplied may therefore differ in specification, colour and type of accessories from those illustrated and described in the brochure.