visionLINE™

NZ INSTALLATION MANUAL

Keep these instructions for future reference

TAURUS

Double-sided Inbuilt

IMPORTANT

Before installing this VisionLINE Taurus unit, enquire with your dealer about all the requirements that need to be met.

These products are tested in accordance with AS/NZS 2918. All installations must be carried out by an S.F.A.I.T (Solid Fuel Authorised Technician). In New Zealand, the Taurus models must be bolted to the base to comply with the seismic restraint provisions of AS/NZ 2918

TABLE OF CONTENTS

1 CERTIFICATION

.1 COMPLIANCE – TAURUS DOUBLE-SIDED INBUILT

Tested by Australian Solid Fuel Testing

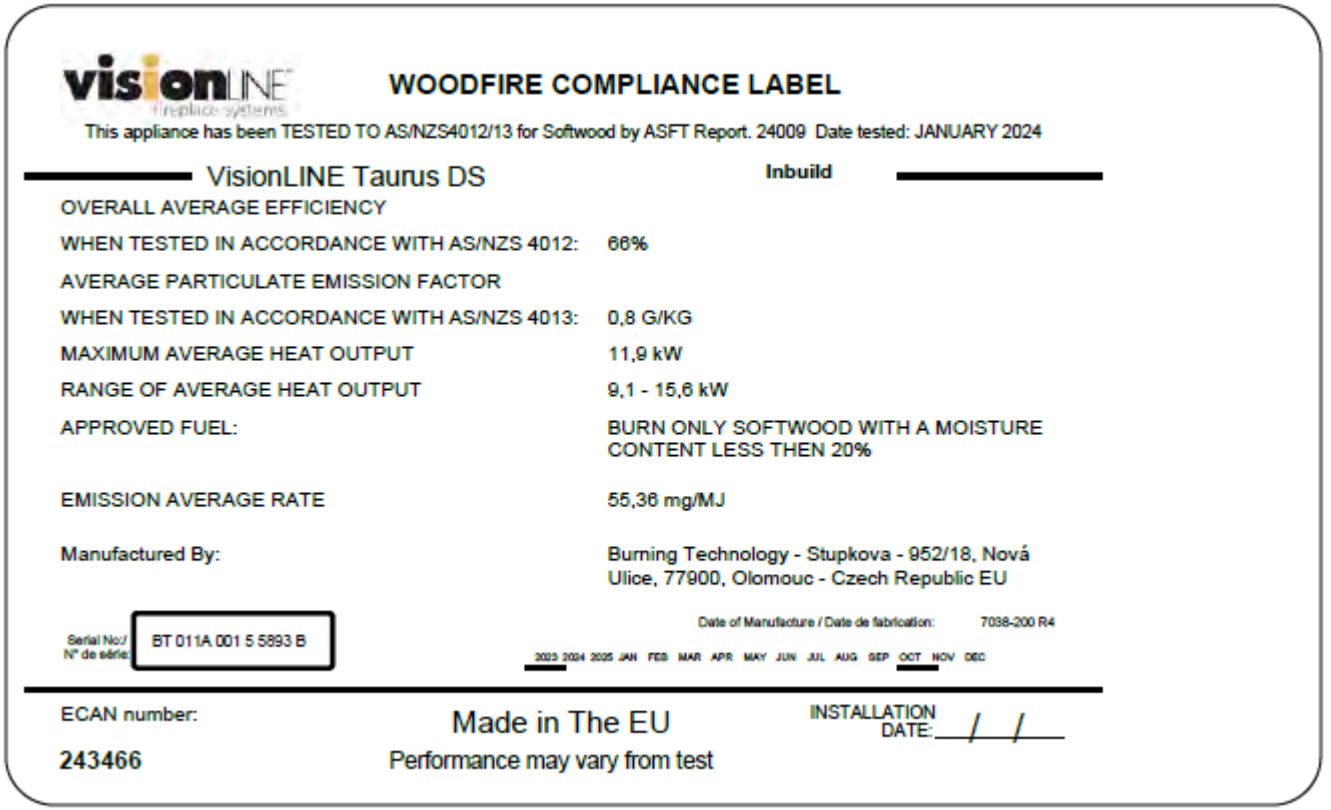
Tested to AS/NZS 4012 & 4013, AS/NZS 2918:2018

Test Report No - 24009 Jan 2024

ECAN NUMBER - 243466

NOTE

We strongly recommend that our products be installed and maintained by professionals certified by the NZHHA (New Zealand Home Heating Association)



visionLINE fireplace systems

WOODFIRE COMPLIANCE LABEL

This appliance has been TESTED TO AS/NZS4012/13 for Softwood by ASFT Report. 24009 Date tested: JANUARY 2024

VisionLINE Taurus DS — **Inbuild**

OVERALL AVERAGE EFFICIENCY	
WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:	66%
AVERAGE PARTICULATE EMISSION FACTOR	
WHEN TESTED IN ACCORDANCE WITH AS/NZS 4013:	0,8 G/KG
MAXIMUM AVERAGE HEAT OUTPUT	11,9 kW
RANGE OF AVERAGE HEAT OUTPUT	9,1 - 15,6 kW
APPROVED FUEL:	BURN ONLY SOFTWOOD WITH A MOISTURE CONTENT LESS THEN 20%
EMISSION AVERAGE RATE	55,36 mg/MJ
Manufactured By:	Burning Technology - Stupkova - 952/18, Nová Ulice, 77900, Olomouc - Czech Republic EU

Serial No./ N° de série: BT 011A 001 5 5893 B

Date of Manufacture / Date de fabrication: 7038-200 R4

2023 2024 2025 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

ECAN number: 243466

Made in The EU

Performance may vary from test

INSTALLATION DATE: / /

IMPORTANT

The Inbuilt compliance tag (shipped in the plastic pocket together with the unit manuals) must be secured to the unit with the supplied wire and positioned under the firebox for future access. The freestanding compliance tag must also be removed.

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:
   a. Evacuate the house immediately
   b. 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.

NEGATIVE PRESSURE

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: VISIONLINE FIREPLACES 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.

NEGATIVE PRESSURE

To minimize 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
- Basement installations should be avoided

NOTICE: VISIONLINE FIREPLACES 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

Fire Risk.
VisionLINE 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.

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.

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.

TOOLS NEEDED

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

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

1/2-3/4 in. length, #6 or #8 self-drilling screws

. 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.**

2 COMPONENTS

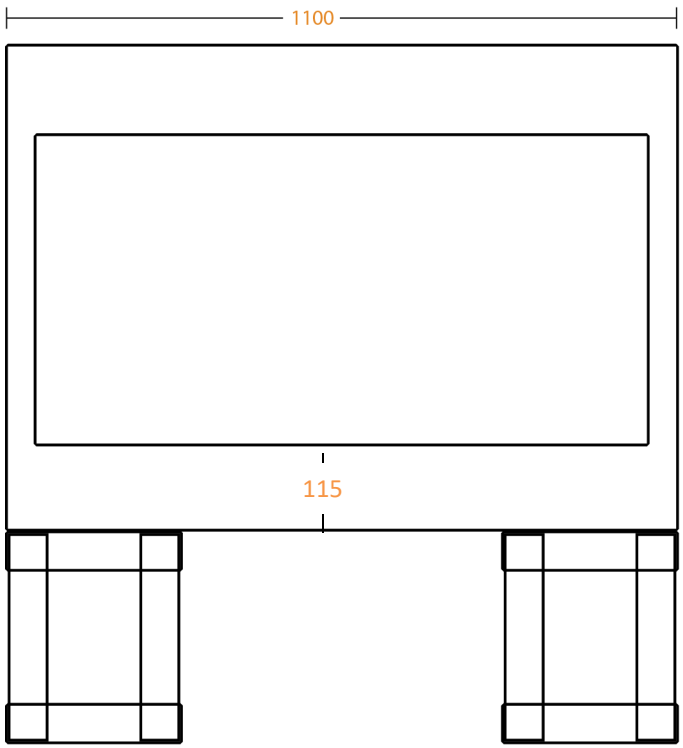
Taurus Inbuilt DF

#	DESCRIPTION	PRODUCT CODE	INCLUDED OR OPTION	QTY
1	Fireplace		Included	1
2	Zero Clearance Box		Included	1
3	Steel Base		Included	1
4	Warm Air Ducting Kit		Included	2
5	Finishing Trim		Option	2
6	Sealed External Air Kit		Option	1
7	Outside Cavity Vents			2

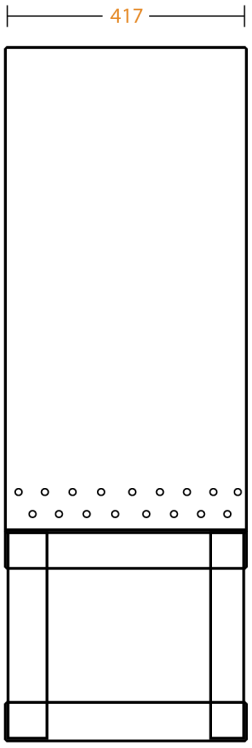
3 DIMENSIONS

3.1 DOUBLE SIDED – INBUILT ZERO CLEARANCE BOX

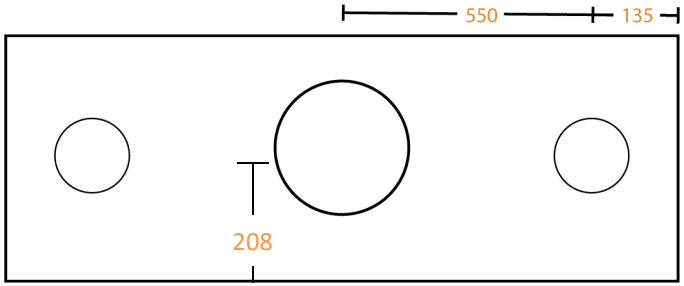
FRONT VIEW



SIDE VIEW

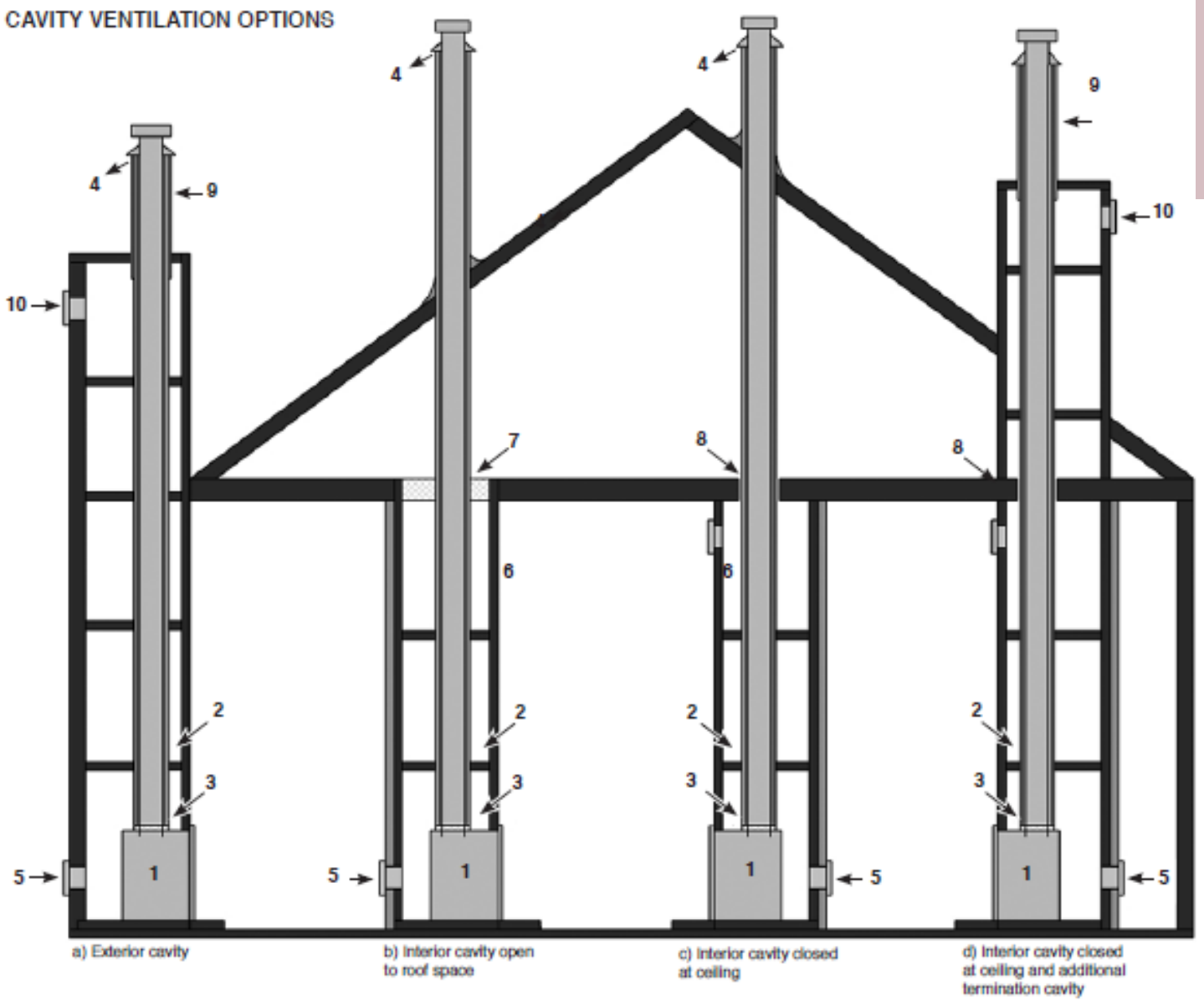


TOP VIEW



NOTE

- The Taurus firebox weighs approx. **220kg**.
- To safely lift the unit onto the base for positioning, the unit should be stripped of as much weight as possible by removing all bricks, baffles and the door assembly. See page **36**
- The top door hinge should be marked for its location prior to removal so it can be re-assembled easily into the correct location. If the door doesn't locate into the latch mechanism correctly adjustment is via the two bolts on the top hinge. See page **33**
- The burn rate control handle for this fireplace is on one side only. When considering the installation, consult the homeowner to ensure the control is on the preferred side as this cannot be altered without rotating the firebox.



NOTE

The cavity must be vented. 2 x 100mm dia. vents or equivalent. Refer to Section 5. pg. 46 for chimney details.

Cavity ventilation can come via the floor ducted to the exterior.

LEGEND

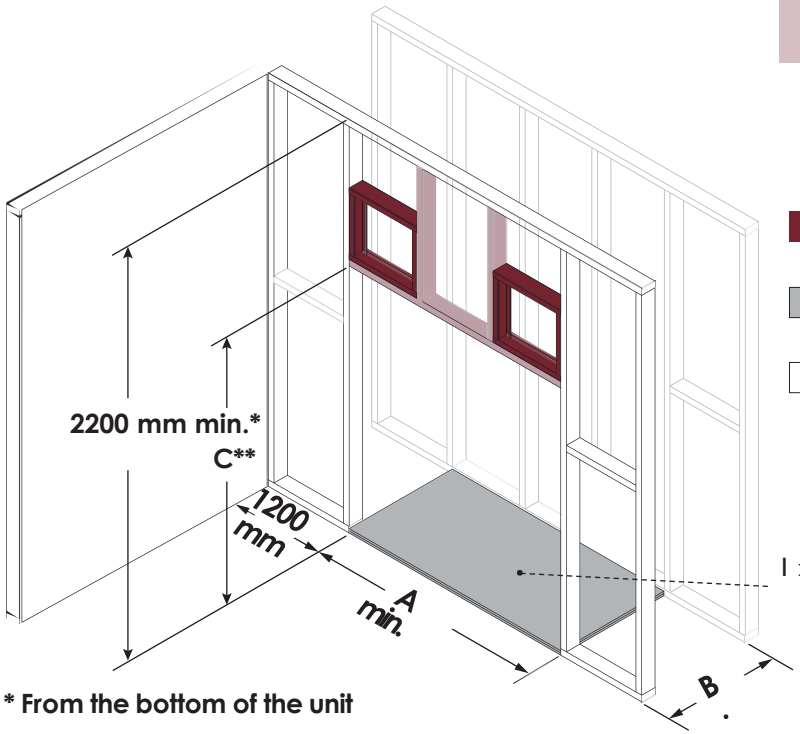
1. Appliance
2. Vented flue system with 2 casings
3. Flue system air inlet
4. Flue system air outlet
5. Bottom vent –cool air inlet
6. Room vent –interior hot air outlet
7. Ceiling vent –vermin proof mesh
8. Vented ceiling penetration
9. Venting through casing
10. Top side vent to built-in structure

NOTE

Framing is not always perfectly level. We suggest that **at least 5mm** clearance be added to the dimensions listed in the table.

IMPORTANT

Wall cladding should be 12mm NCB eg Supalux.
DO NOT overlap the firebox. Only cover the zero-clearance casing with finishing material and leave a 3-5mm gap to the firebox.
DO NOT exceed 12mm finishing material over the face of the zero-clearance case as it will interrupt the normal use of the door handle.



* From the bottom of the unit

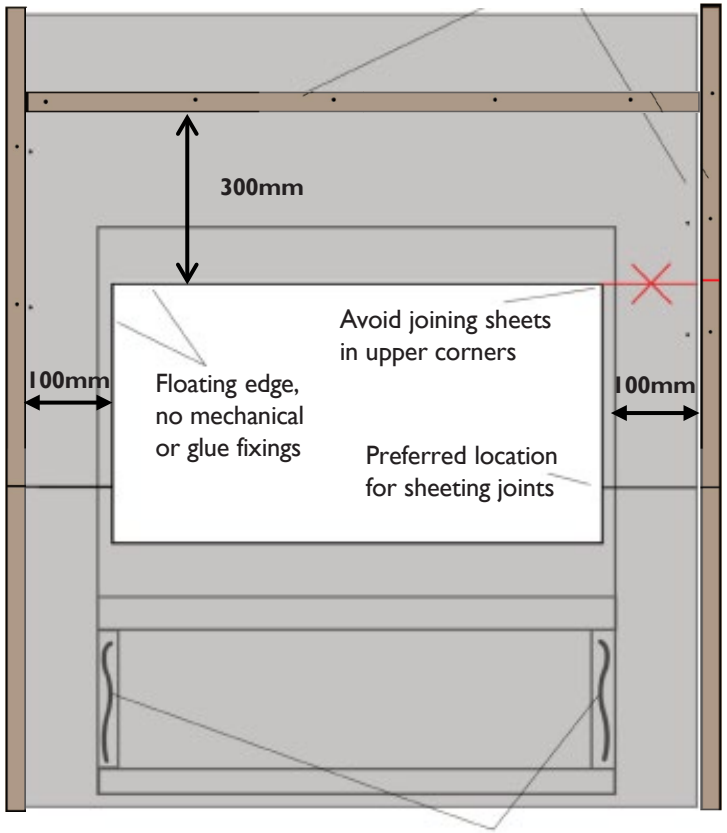
non-combustible framing

non-combustible cement board

combustible

1 x NCB 6mm

Fix wall sheeting off to timber studs and header



Self tappers & Selleys 401 RTV or similar can be used to secure wall cladding to lower unit casing/framework.

NOTE

**** C Height Dimension**

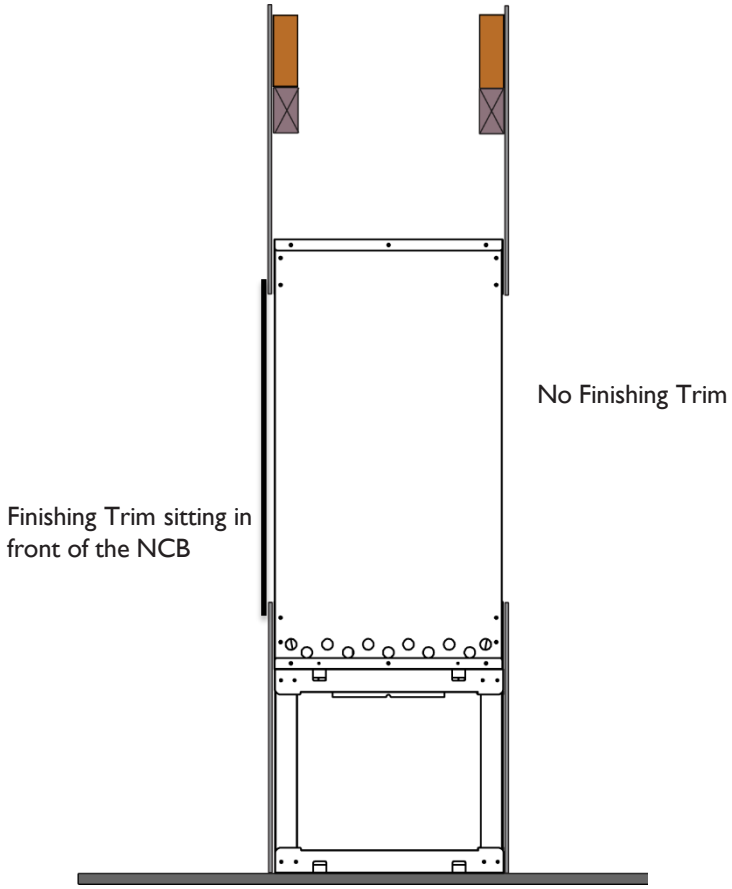
Height is based on appliance sitting on steel base (H=380mm)

MODEL	A (mm)	B (mm)	C**
Taurus DF *	1300	420	1370

* Outside to outside

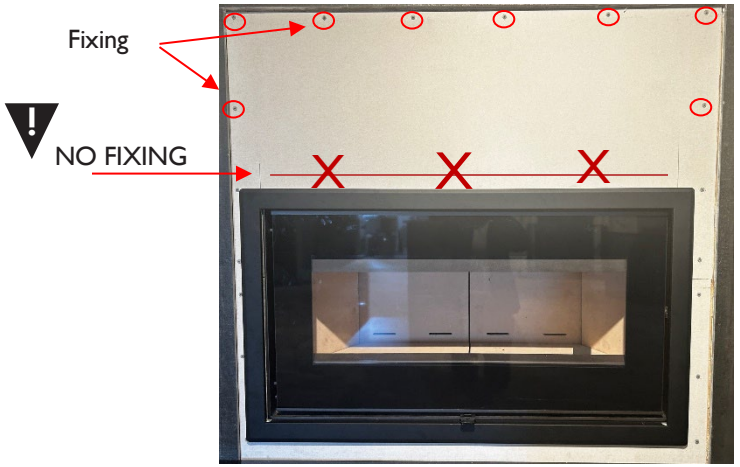
Finish with the optional **Steel Finishing Trim.** For materials exceeding 12mm depth e.g. stone, use the optional steel finishing trim as a shadow line and finish thicker materials outside of it.

Double-sided models



Thin 50mm Steel Finishing Trim

Outside dimensions for steel frame shown in drawing. 1125mm (w) x 650mm (h)

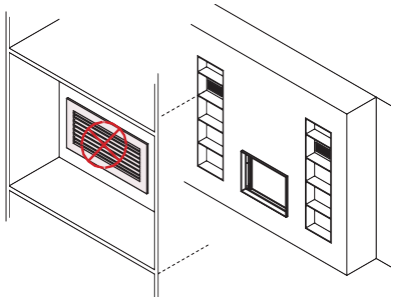


IMPORTANT

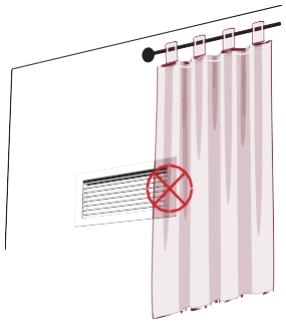
Finish the wall with 12mm non-combustible board (Supalux) or other non-combustible materials e.g. tile, steel . For a neat finish around the NCB use the steel finishing trim. The finishing trim can be used around materials that are 12mm or less. The trim can also be used as a shadow line with finish thicker material outside of it.

NCB secured around the edge of the board, **don't fix near the top of the fire.**

3.5 WARM AIR DUCTING – REQUIRED ON INBUILT MODELS



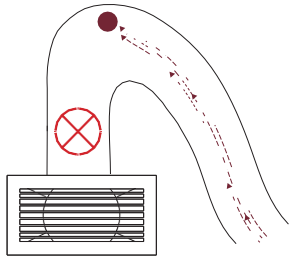
Poor airflow in your convection system should be avoided. Installing the hot air outlet in an enclosed or restricted space, such as a cabinet box or shelf, is prohibited.

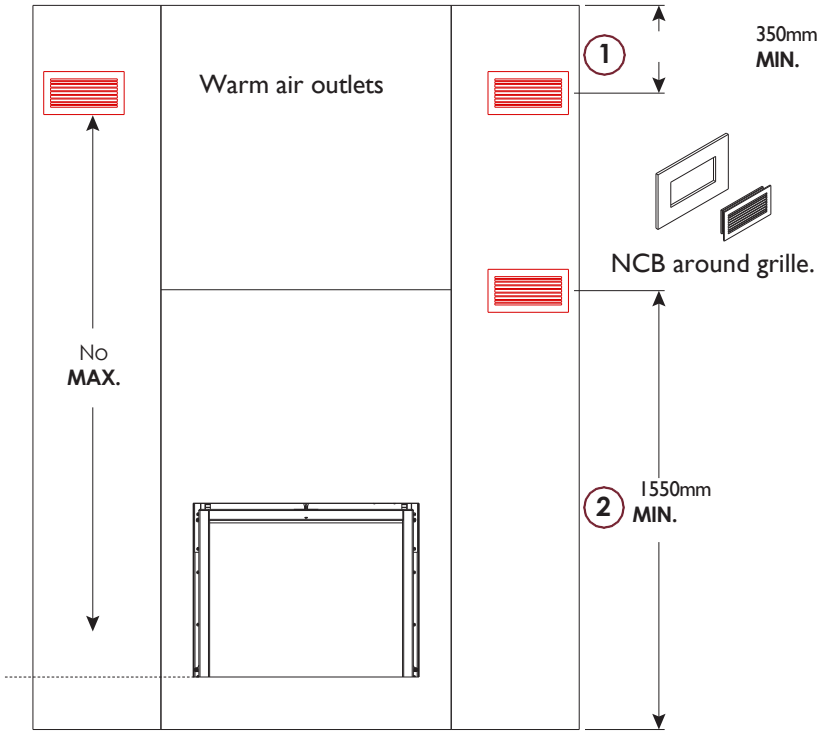


It is forbidden to have a curtain or any other object that can block the airflow located less than 610mm in front of the hot air outlet, as air could get trapped behind it creating a heat trap.

The hot air duct must always be installed horizontally or ascending as hot air naturally goes up, never down.

Warm air outlet Heating efficiency is determined by the convection air.





x2

1 **350mm** Minimum distance from the ceiling to the centre of the hot air outlet. NCB to be installed 100mm around the grille.

2 **1550mm** Minimum distance from the floor to the centre of the hot air outlet.

IMPORTANT

It is essential to install **2 x 150mm** warm air ducting on the zero-clearance box, (kit includes 3M). Connect to the 2 x 150mm outlet ports flexible ducting to non-combustible vent registers. The framing and the wall finishing around the hot air grille boxes are required to be in non-combustible materials. It is mandatory to affix 100mm of NCB around the hot air grille.

COMBUSTION AIR - INBUILT

The Taurus ZC can be connected to outside air via the central air intake at the base of the unit through the zero-clearance case.

This can be via rigid or flexible connection to a vermin proof cap on the exterior of the building and should not exceed the length of the flue run to ensure proper operation of the unit if terminating vertically.

Ensure the connection to the unit is an airtight fit to prevent loss of vacuum.

Combustion air intake
Outside air via the airtight box is recommended for a better draft.

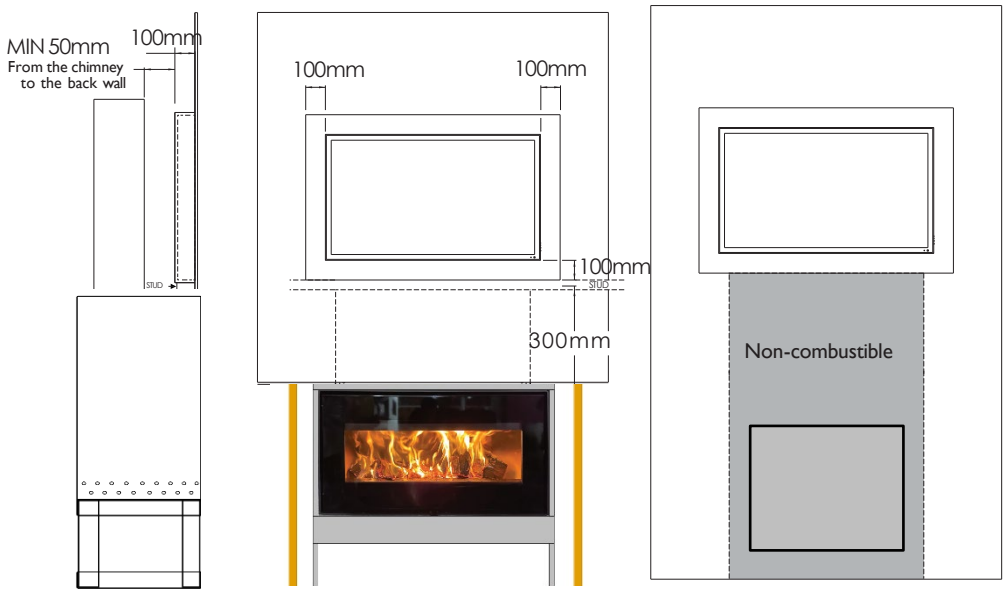
x1

100mm
Outside air 100mm connection shown

3.7 FITTED TELEVISION

It is possible to install/fit a TV above the unit, wall hung with mantel is recommended. If a recess is created for this purpose a **maximum depth of 100mm between the television and other objects** (walls, frames, etc.). Failure to do so may cause the internal temperature of the product to rise and may result in fire and/or damage to the product.

A minimum distance of 50mm between the back wall and the chimney of the appliance must be respected at all times.



WARNING

Refer to the installation/operating manual of your TV and follow the instructions. For more information about installation above a fireplace, contact the television manufacturer.

ATTENTION

This configuration is at the user's discretion. VisionLINE does not recommend this installation and disclaims all responsibility.

3.9 SHELF MADE OF COMBUSTIBLE MATERIAL

It is possible to install a shelf or decorative object made of combustible material from 300mm of the top of the unit's opening.

In the case of a shelf made of combustible material, it is important to consider the depth of the shelf as this can greatly influence its positioning in relation to the top of the fireplace opening (glass frame).

Use one of the formulas below according to the most important known measurement for a desired installation.

H = Height under the shelf from the top of the unit's glass door

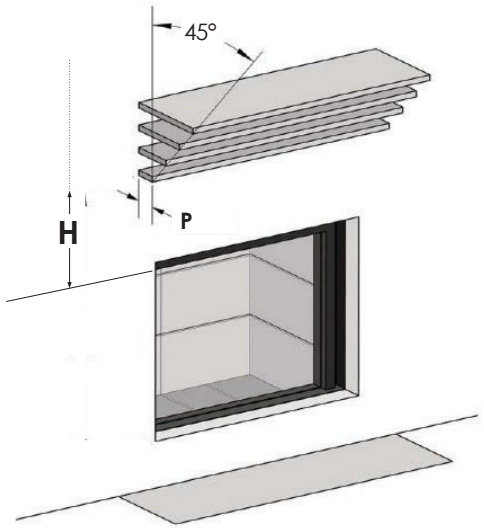
P = Maximum depth of shelf from finished wall

For a specific depth:

$$H = P - 3 + 400\text{mm}$$

For a specific height:

$$P = H - 400\text{mm} + 3$$



NOTE

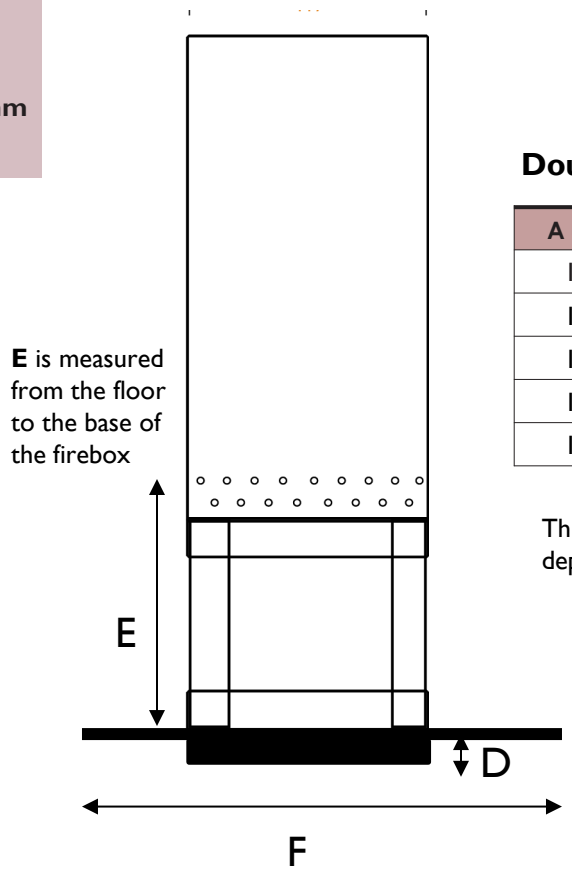
However, we recommend avoiding placing combustible material that extends over too large an area (e.g. a frame/poster) on the wall above the fireplace. This can trap heat radiation and may lead to a major fire event.

NOTE

One layer of 6mm NCB is mandatory **under** the steel base unless the base is sitting on concrete or Hebel.

Appliance must sit on **100mm** Hebel or concrete if installed at a height **<100mm** or alternative combustible base is constructed..

INBUILT	Height - E	A (mm)	B (mm)	C (mm)	D(mm)
On ZCB steel base	500mm	1230	300	6	6
	<300mm	1230	425	6	6
	<200mm	1230	530	20	20
Minimum base	100mm	1230	600	42	100



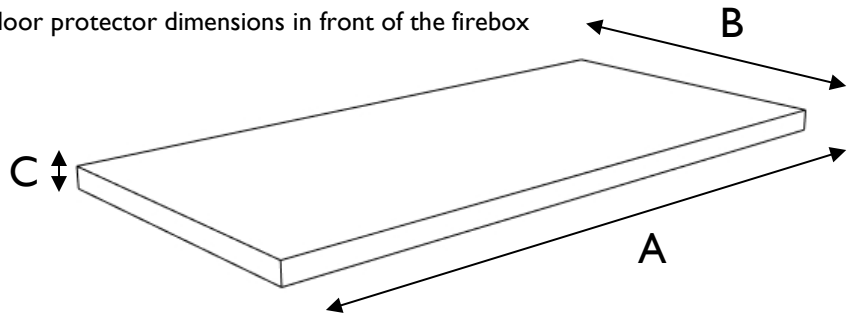
E is measured from the floor to the base of the firebox

Double-sided

A (mm)	E - Height	F – Total Base
1230	500	1040
1230	400	1040
1230	300	1290
1230	200	1500
1230	100	1640

Thickness of NCB under appliance varies depending on height appliance is installed at.

Floor protector dimensions in front of the firebox

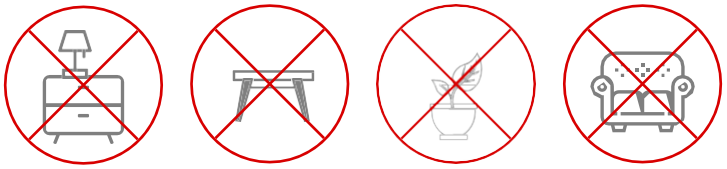


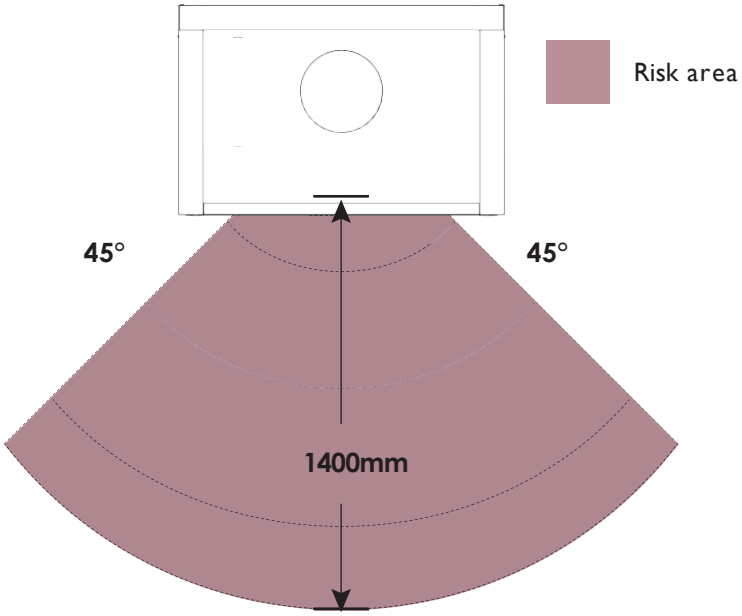
NOTE

Double-sided appliances must have a hearth on both sides of the appliance.

3.9 RISK AREA

The radiation from the firebox is significant. Any combustible object must be placed at a minimum distance of 1200mm by 90° from the face of the firebox to avoid any fire risk.





CAUTION - FIRE HAZARD

To avoid major damage, no combustible material should be placed in front of a hot air outlet. In addition, blocking it may cause the unit to overheat and, in some cases, lead to a fire.

Be sure to follow the above recommendations to **avoid heat traps** or other major damage risks.

4 INSTALLATION

Component List for ZC Case

1x bag of self tapping screws
1x top panel
2x side panels
1x base panel
2x large support rails
2x thin ventilation covers (case base)

Component List for Base

8x long rails with fold out tabs
8x medium vertical rails
8x short horizontal rails

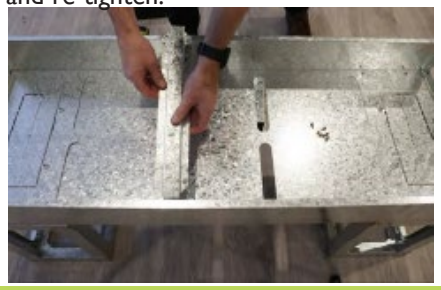
Constructing the base stand

1 Layout all base rails to setup 4 identical squares and begin screwing them together with the supplied self tapping screws. Pay attention to the pre-drilled holes that have two sizes. The smaller holes are for the screw thread to bind to tightly whereas the screw will pass through the larger holes and not bind.

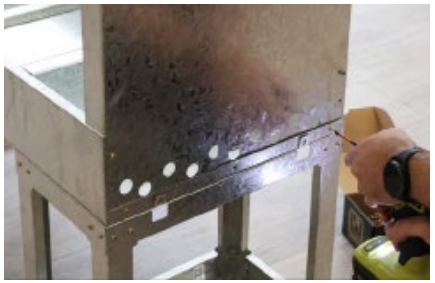
2 Attach short horizontal rails to each corner and join second square frame to complete a cube. Repeat for the second base.

3 Layout your two base platforms with seismic restraint tabs to the floor and immediately below the zc case floor panel. Place the floor panel on top. Fold up tabs to centre but do not secure to base yet.

4 Place and secure centre vent covers and unit support rails with supplied self tapping screws. Units support rails may twist if the screws aren't centred correctly. If this occurs, back each screw off, place pressure in the appropriate direction to correct it and re-tighten.



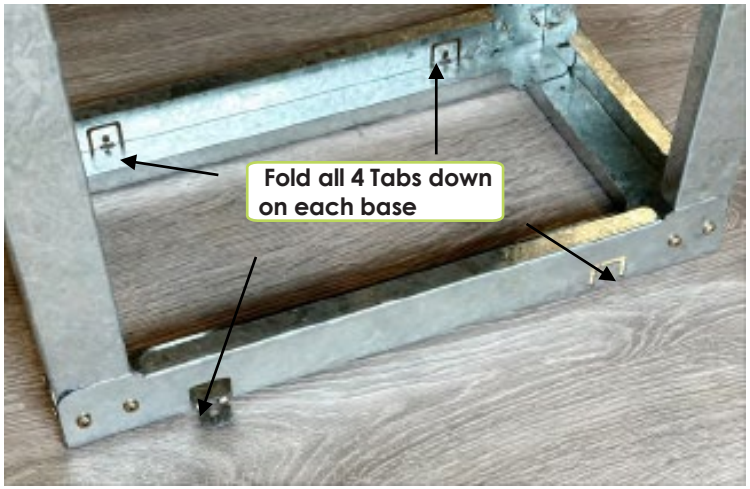
5 Slip a side panel between the fold gap, line up the screw holes including the foldup tabs and screw in to secure.



6 Note the locating tabs for the top panel which will assist in lining it up for fixing. Place top panel onto sides ensuring the top panel fold goes over side edge.

7 Line up pre-drilled holes and fix using supplied self tapping screws.

8 Place zero clearance case into position and fix to the floor protector using lower foldout tabs and appropriate screws or masonry anchors for seismic restraint.



REFER TO PG 33 – SESIMIC RESTRAINT OF APPLIANCE

9 Place unit inside zero clearance casing. Due to the weight of the firebox (200kg) it is highly recommended to remove as much weight as possible from the wall unit (bricks, baffle and glass door) and use mechanical lifting aids. It is possible to remove the firebox from the outer shell of the fireplace. Refer to pages 36 for unit stripping steps.
Leaving the top panel off allows for the use of mechanical lifting aids to help position the firebox inside the casing/wall cavity if possible. The firebox should overhang each side by roughly 10mm to allow for the optional finishing trim to finish flush when using 12mm finishing material.

Seismic Restraint - Appliance

The following is the firebox removal process for stripping the unit of weight and identifying seismic restraint.

The steps below first require the bricks and door to be removed as per previous pages of this instruction manual.

The self closing cable at the bottom of the door will need to first be removed using a 10mm ring spanner to loosen the locking nut and bolt holding thread.

Ensure to hold the tension on the cable whilst removing the bolt and once removed add the bolt and nut inside the cable loop so it doesn't go missing under the unit.

MARK THE DOOR HINGE LOCATION FOR EASY RE-FITTING
For reassembly, follow these steps in reverse.

1 Loosen front 10mm positioning bolt first, then rear locking bolt whilst supporting the door.

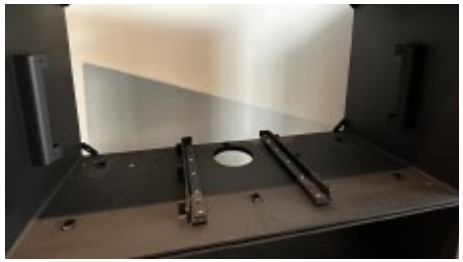
2 Loosen firebox tensioning bolt located in the middle at the top using 17mm open ended spanner.

3 Locate all 4 support bolts on the inner sides of the firebox and remove using hex 4 driver bit.

4 Carefully slide the firebox out of the outer casing. This is best done whilst still bolted to the shipping crate.

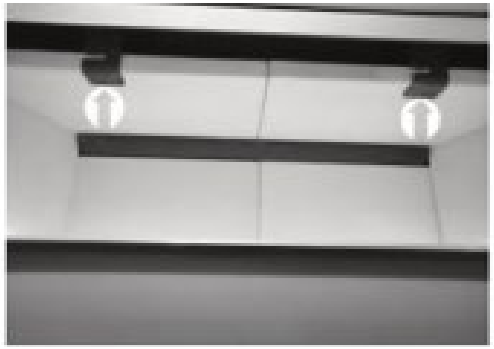
5 The firebox will slide on the rails as pictured below.

6 Loosen front 10mm positioning bolt first, then rear locking bolt whilst supporting the door**. Remove plastic feet**.



7 There are six pre-drilled seismic restraint holes in the floor of the casing to choose from and secure (not supplied) 8mm masonry anchors (if applicable)

1.



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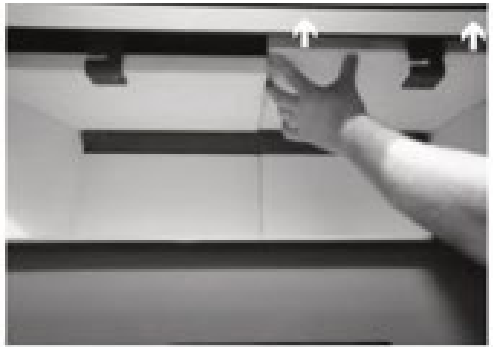

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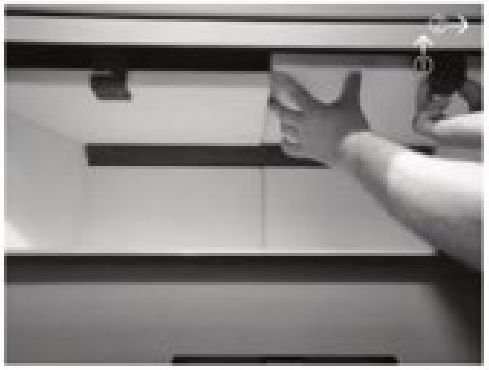

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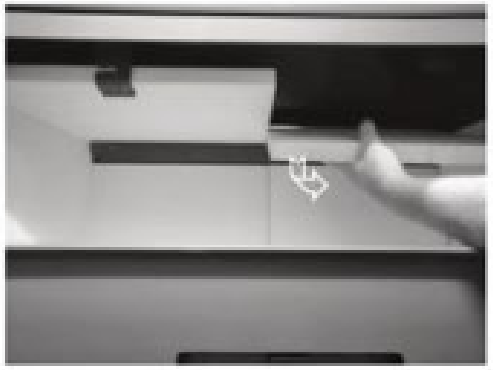

5.

6.

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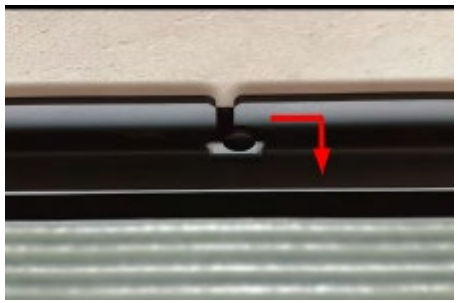
8.

9.

4.3 INTERIOR FIREBRICK REMOVAL – Double-sided

1 Remove baffle retainer on one side whilst supporting the baffle bricks.

2 Pull the retainer to the open side and then back out carefully.



3 Support bricks whilst pulling retainer towards the face of the unit.

4 Be careful to not allow bricks to free-fall. Repeat process for both sides.

5

6

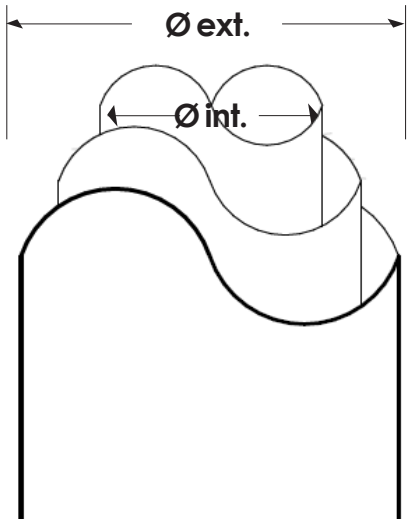
7 Remove both left & right-side baffle spacer brackets by lifting up an out. Lean side bricks to the side and lift out one at a time.

8 Lever base brick up and remove. Then remove second base brick

5 CHIMNEY

5.1 DIMENSIONS – COVENTIONAL FLUE

CHIMNEY DIAMETER



MODEL	Ø int.	Ø ext.†
Taurus – All models	150mm	200mm/250mm

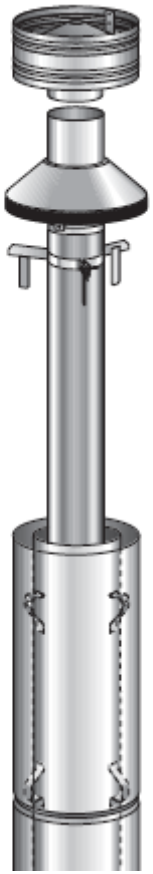
NOTE

- Do not connect the appliance to a chimney that is already connected and used by another appliance. A chimney used as an outlet for a fireplace may not be used for more than one appliance.
- Do not cut trusses, rafters or ceiling joints without consulting a building official to ensure that structural integrity is not compromised.
- It is recommended that a straight section of chimney be installed between the unit and an offset.

CHIMNEY LENGTH

MIN. 4.6M / MAX. 13M
The chimney height must be between **4.6M minimum and 13M maximum** from the bottom of the appliance to below the termination.

Chimney Length
To calculate the number of chimney sections required, start counting from the top of the appliance. Minimum height is 4.6M. Flue comes in 1.2M lengths.

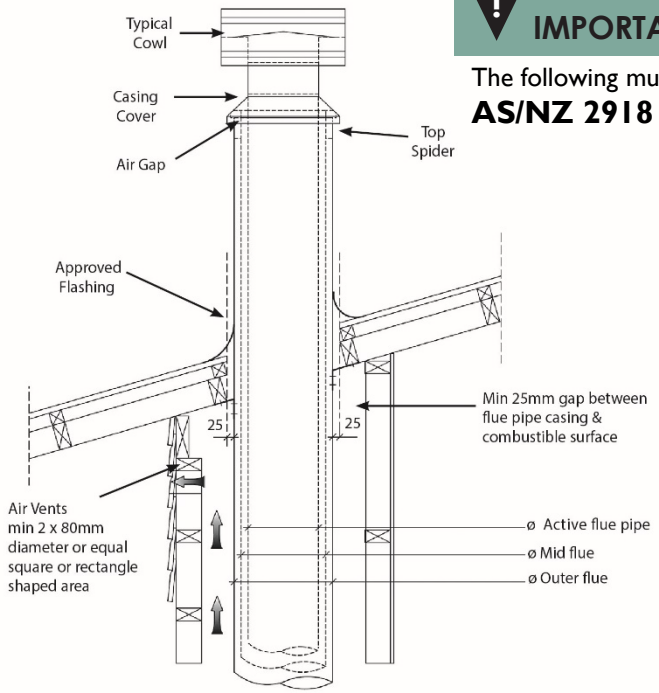


GENERAL INSTRUCTIONS FOR FLUE SYSTEM

- 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
- Flue pipe shall extend not less than 4.6M above top of the floor protector (base of fire)
- Chase system the same rules apply.

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. 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.
5. Install the outer casing so that:
   - lower end is flush with the underside of the ceiling material and
   - 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 flue termination page for termination height. The option of outer casing slips to be considered.
6. Flash the outer casing to the roof material with the appropriate approved flashing.
7. If using an outer/inner casing combination, install the inner casing ensuring it extends a minimum 200mm above the high side of the roof penetration. If not using a combination see pt. 11 below.
8. Refer to Firebox installation pt. 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 pt. 3

INSTALLATION DIAGRAM

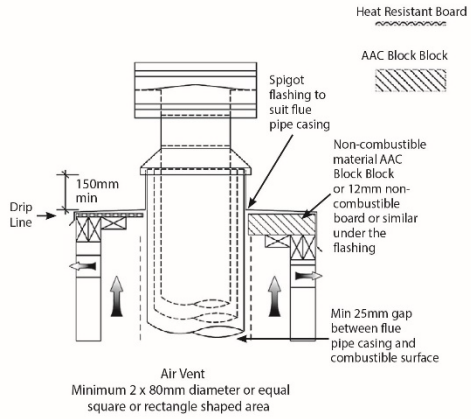


IMPORTANT

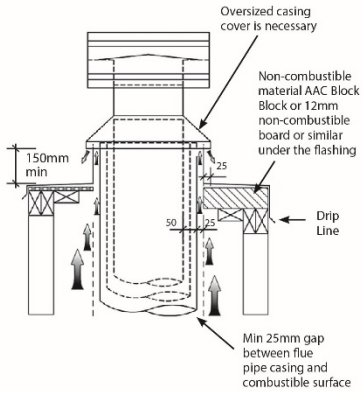
The following must be adhered to:
AS/NZ 2918

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

Air Ventilation Through Chimney Chase



Air Ventilation Through Top Flashing



INSTALLATION PROCEDURE

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. 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.

1 The flue or chimney system must be in good condition. It must be inspected by a competent person and passed for use with the appliance before installation.

2 Products of combustion entering the room can cause serious health risks.

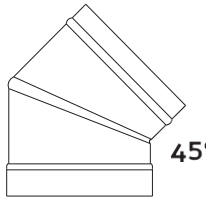
3 The flue pipe shall extend not less than 4.6m above the top floor protector.

4 The minimum height of the flue system within 3M distance from the highest point of the roof shall be 600mm above that point.

5 No part of any building lies in or above a circular area described by a horizontal radius of 3m about the flue system exit.

6 Terminate all flues a minimum of 600mm above the highest ridgeline of the donor building.

IMPORTANT



It is preferable to install a straight chimney section between the unit and an offset. One length of flue is recommended.

INSTALLATION

IMPORTANT

The following must be adhered to:
AS/NZ 2918

1 The flue requires stand-off brackets which are included with the kit. Position the standoff brackets as pictured below.

The brackets are secured to the 200mm flue pipe using self tapping screws or rivets. The 200mm flue pipe and brackets pass through the casing and rest on top of the fire box. The brackets will stand the 250mm flue pipe off the top of the firebox the required distance.

2 The active 150mm flue sits over the flue starter spigot and rivet in place, the flue crimp will slide down and rest in the lower channel.
Friction fitment secures the flue on the spigot, no sealant required.

Follow with the 200mm and 250mm flues, secured together using self-tapping screws or rivets, position the flue pipes on top of the zero-clearance casing and lower into position. The brackets will locate the flue correctly, the first step of the bracket will stand the flue off the firebox.

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. 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.

3 Using a suitable heat-resistant sealant rated above 500oC, seal the 200mm flue pipe to the zero-clearance casing as marked below in blue.
The second step on the flue bracket will stand the 250mm flue pipe off the zero-clearance casing as shown.

Continue to run the three layers of flue in accordance with AS/ NZS 2918.

Lower channel

Flue seated correctly

IMPORTANT

The VisionLINE Air Flue System is highly recommended for the freestanding appliances

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.

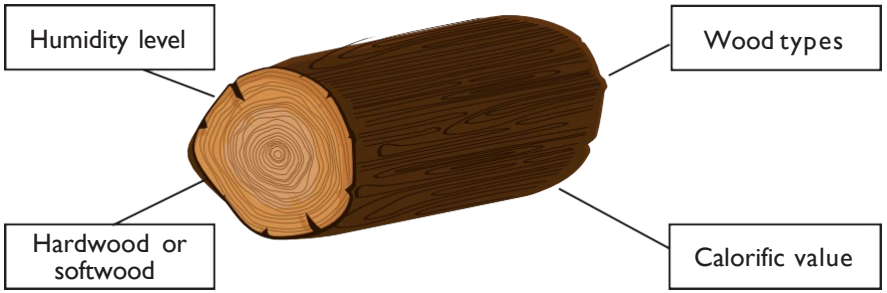
WARNING: ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED AS BREACHING AS/NZS 4013.

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.

6 USE



HUMIDITY LEVEL

It is essential to use **dry wood** that has a moisture content of **less than 20%**. This will ensure **more efficient** and **clean combustion**.

Using **wet or semi-dry wood** with a moisture content **higher than 20%** will result in mediocre and less efficient combustion. The fire will be smaller and difficult to start. It will release a great deal of **black smoke** and **pollution** into the air and also sully your glass pane and chimney pipe.

To choose dry wood, use a moisture meter or check if...

- The wood is lightweight and slightly split
- You hear a snap when banging one log against the other
- The bark comes off easily
- There are cracks from the centre to the edge

HARDWOOD OR SOFTWOOD

The harder a wood is, the more heat it will produce and the slower it will burn (at equivalent moisture content).

Softwood can be used as kindling over hardwood. It burns more quickly (at equivalent moisture content) despite its lower calorific value.

WOOD TYPES

Ash and beech are recommended as firewood as they dry quickly and are easy to find. They must be stored under a shelter immediately after being cut and split, otherwise they rot very quickly and lose their calorific value. They are easy to light and produce very bright, lively flames.

Oak is an excellent fuel, but unlike other wood species, it has to remain uncovered for two years to allow the rain to remove the tannins it contains. Then it has to be stored under shelter for another year or two before it can be burned. Small oak branches have a high sapwood content, which burns too quickly. Oak burns slowly, produces a calm fire and beautiful embers. It is ideal for barbecuing and for moderate fires.

Hornbeam, cherry and fruit trees are excellent fuels, but are rare. These are hardwoods. They produce beautiful, harmonious and calm flames, and beautiful embers. Ideal for a barbecue or a calm fire.

Birch, linden, chestnut, poplar and black locust are broad-leaved trees with soft wood. They produce beautiful, harmonious, but bright flames and few embers. Because they burn quickly, they can be used to start (or restart) the fire. Caution: Poplar produces abundant and volatile ash while black locust produces significant sparks.

Resinous woods generate a lot of heat, but they burn quickly. They throw sparks and the resins they contain cause build-up in the chimney.

CALORIFIC VALUE

Each type of wood has a different calorific value and all burn in different ways.

Store your wood for at least 12 months after your have purchased it. Optimum moisture content is between 15-18%. Wood under 15% will have a shorter overall burn time than wood around 20%.

CAUTION - NOT TO BE USED

Burn only firewood. Do not burn:

- Garbage
- Lawn clippings, garden waste or unseasoned wood
- Materals containing plastic, petroleum-based products, gasoline, liquid fuel or rubber, including tires
- Waste petroleum products, paints or paint thinners, or asphalt products
- Industrial solvents
- Flammable liquids such as motor oil
- Painted wood, varnished wood or chemically treated wood
- Materials containing asbestos
- Construction or demolition debris
- Saltwater driftwood or other previously salt-water saturated materials
- Railroad ties or pressure-treated wood
- Manure or animal remains
- Paper products, cardboard, plywood, or particleboard. The prohibition against burning these materials does not prohibit the use of fire starters made from paper, cardboard, saw dust, wax and similar substances for the purpose of starting a fire in this unit
- Any substance that emits dense fumes and strong odours

The heat produced by these materials is too great and can damage the appliance, in addition to causing soot to form on the glass pane and on the inside of the chimney pipe These materials produce toxic and polluting fumes, such as carbon monoxide, which can be hazardous to health. Burning these materials may result in release of toxic fumes or render the heater ineffective and cause smoke.

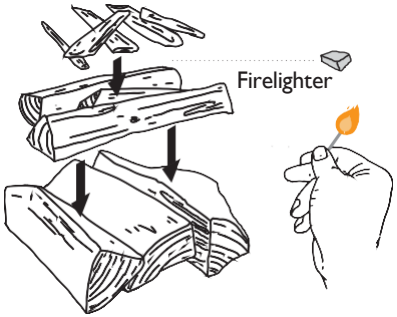
Composite logs (ecological): Composite/ecological logs are to be avoided. They sometimes emit residues that sully the mechanisms and cause the appliance to age poorly.

The appliances are designed for domestic use and must never be used to incinerate garbage of any kind.

BEFORE LIGHTING YOUR FIRST FIRE

If the stove was stored in a cold environment (car, store, etc.) before the first lighting, keep it at room temperature for about 3 hours to equalise moisture condensation and surface temperature of the parts. Otherwise, there is a risk of damage to the glass or lining of the stove.

During the first lighting, the paint coating will go through a curing process. The stove paint will emit an odor for at least 4 hours as it adheres to the steel. Ensure to ventilate the room during this time.



NOTE

If too little wood and firelighters are used during lighting or the pieces are too large, the optimal operating temperature will not be reached. This can lead to poor combustion, high soot formation and the extinguishing of the fire after closing the door.
Slow combustion fireplaces with wide door openings are prone to smoke spillage occasionally when the door is opened during lighting and reloading. This occurs due to a pressure imbalance when opening the door as cool air rushes in.
Avoid opening the door when there is visible smoke/flame to reduce this symptom. It is good practice to only reload when fuel is at coaling phase.

Only load fuel through one door at a time.

Lighting your fire

Step 1 – Ensure the Air Slide is in the open or high position.(pulled out fully towards you.

Step 2 – In firebox lay your fire lighters 10 to centimeters apart. Do not use newspaper as a fire lighter.

Step 3 – Add a mixture of soft wood and hardwood kindling in a cross cross pattern above the firelighters. Softwood kindling allows for fire to light quicker and burn hotter, mixing in some kindling size hardwood helps the coals retain more heat for longer.

Step 4 – Light fire with match or gas lighter, when fire is ablaze close the door, but do not latch the door. Leave for 5-10 minutes maximum and do not leave unattended.

Step 5 – Load pieces of softwood/hardwood that are no wider than a drink can in a criss cross pattern.

Step 6 – Latch the door and leave latched for 30 minutes. If your heater has a fan, do not run the fan for at least 45 minutes.

Step 7 – After 30 minutes add the large pieces of hardwood. These pieces should be no bigger than a loaf of bread. Close and latch door after loading.

Step 8 – After 45 minutes you can adjust the air slide to slow fire down and find your comfort level. If you have a fan fitted you can now turn it on

WARNING

Over firing the unit and continuously running the unit on high with an overloaded firebox for extended periods of time can damage the unit. This picture shows the firebox fully loaded. Note the red line which indicates a gap between the loaded fuel and the baffle top and the clear path to the tertiary air tube at the rear. Loading fuel which touches the roof baffle, or the rear tertiary air tube is overloaded and can result in overfiring of the product causing damage to the unit and voiding the warranty.

CAUTION: Only open one door to reload the fireplace when the unit is in operation. NOTICE: This fireplace is not designed to be operated as an open fire.

6.4 CLEANING AND INSPECTION

The stove and flue pipes must be inspected once a year or more frequently if required. The chimney needs to be cleaned regularly by a chimney sweep.

Before the heating season, thoroughly clean the entire fireplace from ash and soot with a brush or vacuum cleaner. Ensure that ash that has fallen between fire bricks is removed.

Inspect the fire bricks and firebox. Only clean the glass when the stove is cold and never use abrasive cleaners.

The stove surface can be cleaned with a damp cloth, if necessary, with a mild soap solution. Scratches or surface rust should be lightly sanded and re-sprayed with the matched colour, **Anthracite grey.**

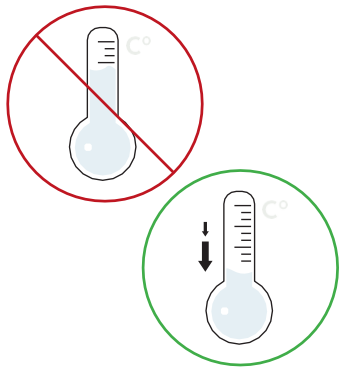
For firebrick removal, please follow the guide on page 34.

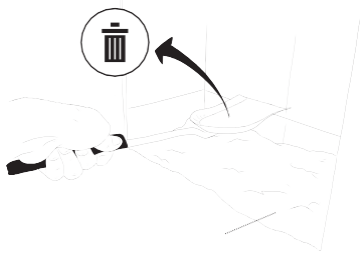
6.5 ASH REMOVAL

Step 1 Wait until the ashes are cold before removing them from the combustion chamber.

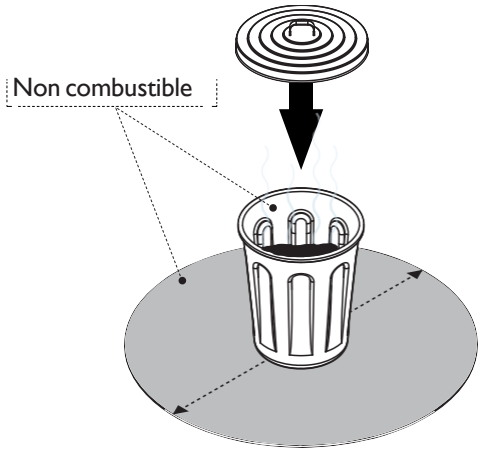
Step 2 Use an ash shovel to remove ash. Place the ashes in a metal bucket.

Step 3 Place the bucket filled with ashes on a non-combustible floor. Be sure to keep the bucket away from any combustible material.





* Leaving 1" of ash bed after each use helps start the next fire.



NOTE

Before they can be disposed of, ashes should be kept in a **non combustible bucket with a tight lid** until they have cooled completely.
Remove the ashes regularly. Burning ashes can damage the lower glass door seal. This deterioration is not covered by the warranty.

7.1 WARRANTY DETAILS

WARRANTY COVERAGE

WARRANTY TERMS

VisionLINE extends the following manufacturer's warranty for wood hearth appliances that are purchased from a VisionLINE authorized dealer.

VisionLINE warrants to the original owner of the VisionLINE appliance at the site of installation, and to any transferee taking ownership of the appliance at the site of installation within two years following the date of original purchase, that the VisionLINE appliance will be free from defects in materials and workmanship at the time of manufacture.

After installation, if covered components manufactured by VisionLINE are found to be defective in materials or workmanship during the applicable warranty period, VisionLINE will, at its option, repair or replace the covered components. VisionLINE, at its own discretion, may fully discharge all its obligations under this manufacturer's warranty by replacing the product itself or refunding the verified purchase price of the product itself. The maximum amount recoverable under this warranty is limited to the purchase price of the product. This warranty is subject to conditions, exclusions and limitations as described below.

Warranty coverage begins on the date of original purchase. In the case of new home construction, coverage under this manufacturer's warranty begins on the date of first occupancy of the dwelling or six months after the sale of the product by an independent, authorized VisionLINE dealer/ distributor, whichever occurs earlier. The warranty period for this manufacturer's warranty shall commence no later than 12 months following the date of product shipment from VisionLINE AU, regardless of the installation or occupancy date.

The term "Limited Lifetime" in the table below is defined as: 15 years from the beginning date of warranty coverage for wood appliances. These time periods reflect the minimum expected useful lives of the designated components under normal operating conditions.

15 year structural warranty on the firebox construction including weldment.
5 year warranty on tertiary air tube, baffle and bricks. (labour for 3 years)

OTHER RIGHTS

The VisionLINE manufacturer's warranty is in addition to other rights and remedies that you may have under New Zealand law.

Our goods come with guarantees that cannot be excluded under the New Zealand 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.

7 WARRANTY

7.1 WARRANTY DETAILS

WARRANTY EXCLUSIONS

WARRANTY TERMS

The VisionLINE manufacturer's warranty only covers VisionLINE appliances that are purchased through a VisionLINE authorized dealer or distributor. A list of VisionLINE authorized dealers is available on the VisionLINE branded websites.
This warranty is only valid while the VisionLINE appliance remains at the site of original installation.

- Changes in surface finishes as a result of normal use. As a heating appliance, some changes in color of interior and exterior surface finishes may occur. This is not a flaw and is not covered under warranty.
- Damage to printed, plated, or enameled surfaces caused by fingerprints, accidents, misuse, scratches, melted items, or other external sources and residues left on the plated surfaces from the use of abrasive cleaners or polishes.
- Repair or replacement of parts that are subject to normal wear and tear during the warranty period. These parts include paint, gaskets, firebricks, grates and the discoloration of glass.
- Minor expansion, contraction, or movement of certain parts causing noise. These conditions are normal, and complaints related to this noise are not covered by this warranty.
- Damages resulting from:

  (1) failure to install, operate, or maintain the appliance in accordance with the installation instructions, operating instructions, and listing agent identification label furnished with the appliance;
  (2) failure to install the appliance in accordance with local building codes;
  (3) shipping or improper handling;
  (4) improper operation, abuse, misuse, continued operation with damaged, corroded or failed components, accident, or improperly/incorrectly performed repairs;
  (5) environmental conditions, inadequate ventilation, negative pressure, or drafting caused by tightly sealed constructions, insufficient make-up air supply, or handling devices such as exhaust fans or forced air furnaces or other such causes;
  (6) use of fuels other than those specified in the operating instructions;
  (7) installation or use of components not supplied with the appliance, or any other components not expressly authorized and approved by VisionLINE
  (8) modification of the appliance not expressly authorized and approved by VisionLINE in writing; and/or
  (9) interruptions or fluctuations of electrical power supply to the appliance.

- Non VisionLINE venting components, hearth components or other accessories used in conjunction with the appliance.
- Any part of a pre-existing fireplace system in which an insert appliance is installed.
- Removal, installation, reinstallation, set up or any other costs associated with a claim including travel and shipping charges for parts.
- VisionLINE's obligation under this warranty does not extend to the appliance's capability to heat the desired space. Information is provided to assist the consumer and the dealer in selecting the proper appliance for the application. Consideration must be given to appliance location and configuration, environmental conditions, insulation and air tightness of the structure.

THIS WARRANTY IS VOID IF:

- The appliance has been over-fired or operated in atmospheres contaminated by chlorine, fluorine, or other damaging chemicals. Over-firing can be identified by, but not limited to, warped plates or tubes, rust coloured cast iron, bubbling, cracking and discoloration of steel finishes.
- The appliance is subjected to prolonged periods of dampness or condensation.
- There is any damage to the appliance or other components due to water or weather damage which is the result of, but not limited to, improper chimney or venting installation.

7.2 APPLIANCE DETAILS

THE APPLIANCE

Serial no. : _____
Model: _____

Invoice date : _____
Installation date : _____

*The serial number can be found on the marking label at the bottom of the combustion chamber. The location of the label is indicated on the first page of the *CERTIFICATION* section..

THE DEALER

Company: _____

Name: _____
Address : _____
_____
Tel no.: _____

THE INSTALLER

I, the undersigned,
declare that the above-mentioned appliance has been installed in compliance with the existing regulations and in accordance with the technical recommendations in the installation instructions.

Date: _____
Signature: _____

Company: _____

Name: _____
Address: _____
_____
Tel no.: _____

THE BUYER

Name: _____
Address : _____
_____
_____
Email : _____
Tel no.: _____

Installation address (if different) : _____
_____
_____
_____
_____
_____

TO MAKE A CLAIM:

To make a claim against this warranty, complete the form on The Fireplace website or contact your dealer . See addresses for a dealer nearest to you on www.thefireplace.co.nz

website: **thefireplace.co.nz**
Contact: **technical@thefireplace.co.nz**

VisionLINE fireplaces are designed and manufactured by :

VisionLINE Australia
www.visionlinefire.com.au

PO Box 5051 Burnley,
3121, Australia

And distributed in New Zealand by :

The Fireplace Ltd
www.thefireplace.co.nz

12 Tawari St, Mt Eden, Auckland, 1024

Ph. 09 623 6990

The Fireplace

VisionLINE Taurus | December 2025