



# TAURUS - AU/NZ

Zero clearance  
Low emission burner

## INSTALLATION AND OWNERS MANUAL



**INSTALLER:** Leave this manual with party responsible for use and operation  
**OWNER:** Retain this manual for future reference

Contact your dealer with questions on installation, operation or service

## Australian Compliance tag - sample

|                                                                                                              |                      |                                            |             |
|--------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|-------------|
|                             |                      | <b>WOODFIRE COMPLIANCE LABEL</b>           |             |
| This appliance has been TESTED TO AS/NZS4013 for Hardwood by ASFT Report. 20009 Date tested: FEBRUARY 2020   |                      |                                            |             |
| <b>VisionLINE Taurus</b>                                                                                     |                      | <b>Freestanding and Inbuilt</b>            |             |
| OVERALL AVERAGE EFFICIENCY                                                                                   |                      |                                            |             |
| WHEN TESTED IN ACCORDANCE WITH AS/NZS 4012:.....61%                                                          |                      |                                            |             |
| AVERAGE PARTICULATE EMISSION FACTOR                                                                          |                      |                                            |             |
| WHEN TESTED IN ACCORDANCE WITH AS/NZS 4013:.....1,3 G/KG                                                     |                      |                                            |             |
| MAXIMUM AVERAGE HEAT OUTPUT .....15,4 kW                                                                     |                      |                                            |             |
| CATALYTIC COMBUSTOR .....NO                                                                                  |                      |                                            |             |
| APPROVED FUEL: .....BURN ONLY HARDWOOD WITH A MOISTURE CONTENT LESS THEN 20%                                 |                      |                                            |             |
| Wetback - All Models: .....Wetbacks are NOT an approved option and must not be fitted.                       |                      |                                            |             |
| Manufactured By: .....Burning Technology - Stupkova - 952/18, Nová Ulice, 77900, Olomouc - Czech Republic EU |                      |                                            |             |
| Serial No/<br>N° de série:                                                                                   | BT 005E 001 5 6771 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                                               |                      |                                            |             |
| Made in The EU                                                                                               |                      | INSTALLATION DATE: / /                     |             |

## New Zealand Compliance tag - sample

|                                                                                                                              |                      |                                            |  |
|------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------|--|
|                                           |                      | <b>WOODFIRE COMPLIANCE LABEL</b>           |  |
| This appliance has been TESTED TO AS/NZS4012/13 for Softwood by ASFT Report. 23069 Date tested: OCTOBER 2023                 |                      |                                            |  |
| <b>VisionLINE Taurus SS</b>                                                                                                  |                      | <b>Inbuilt</b>                             |  |
| OVERALL AVERAGE EFFICIENCY                                                                                                   |                      |                                            |  |
| WHEN TESTED IN ACCORDANCE WITH AS/NZS 4014.2:..65%                                                                           |                      |                                            |  |
| AVERAGE PARTICULATE EMISSION FACTOR                                                                                          |                      |                                            |  |
| WHEN TESTED IN ACCORDANCE WITH AS/NZS 4014.2:..0.9 g/kg                                                                      |                      |                                            |  |
| MAXIMUM AVERAGE HEAT OUTPUT .....10 kW                                                                                       |                      |                                            |  |
| RANGE OF AVERAGE HEAT OUTPUT .....5 - 10 kW                                                                                  |                      |                                            |  |
| APPROVED FUEL: .....BURN ONLY SOFTWOOD WITH A MOISTURE CONTENT LESS THEN 25%                                                 |                      |                                            |  |
| EMISSION AVERAGE RATE.....62 mg/MJ                                                                                           |                      |                                            |  |
| Manufactured By: .....Burning Technology - Stupkova - 952/18, Nová Ulice, 77900, Olomouc - Czech Republic EU                 |                      |                                            |  |
| Testing laboratory address: .....Australian Solid Fuel Testing Laboratory, 3 Garden Street, Morwell, Victoria Australia 3840 |                      |                                            |  |
| Serial No/<br>N° de série:                                                                                                   | BT 005E 001 5 1560 B | Date of Manufacture / Date de fabrication: |  |
| 2023 2024 2025 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC                                                               |                      |                                            |  |
| ECAN authorisation number: CRC243464                                                                                         |                      | INSTALLATION DATE: / /                     |  |
| Made in The EU                                                                                                               |                      |                                            |  |
| Performance may vary from test                                                                                               |                      |                                            |  |

For NZ only: 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.

Safety Alert Key:



- **DANGER!** Indicates a hazardous situation which, if not avoided will result in death or serious injury.
- **WARNING!** Indicates a hazardous situation which, if not avoided could result in death or serious injury.
- **CAUTION!** Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
- **NOTICE:** Indicates practices which may cause damage to the appliance or to property.

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### **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.*
- *Do NOT Over fire - If appliance or chimney connector glows, you are over firing.*

**Any such action that may cause a fire hazard.**



### **WARNING**

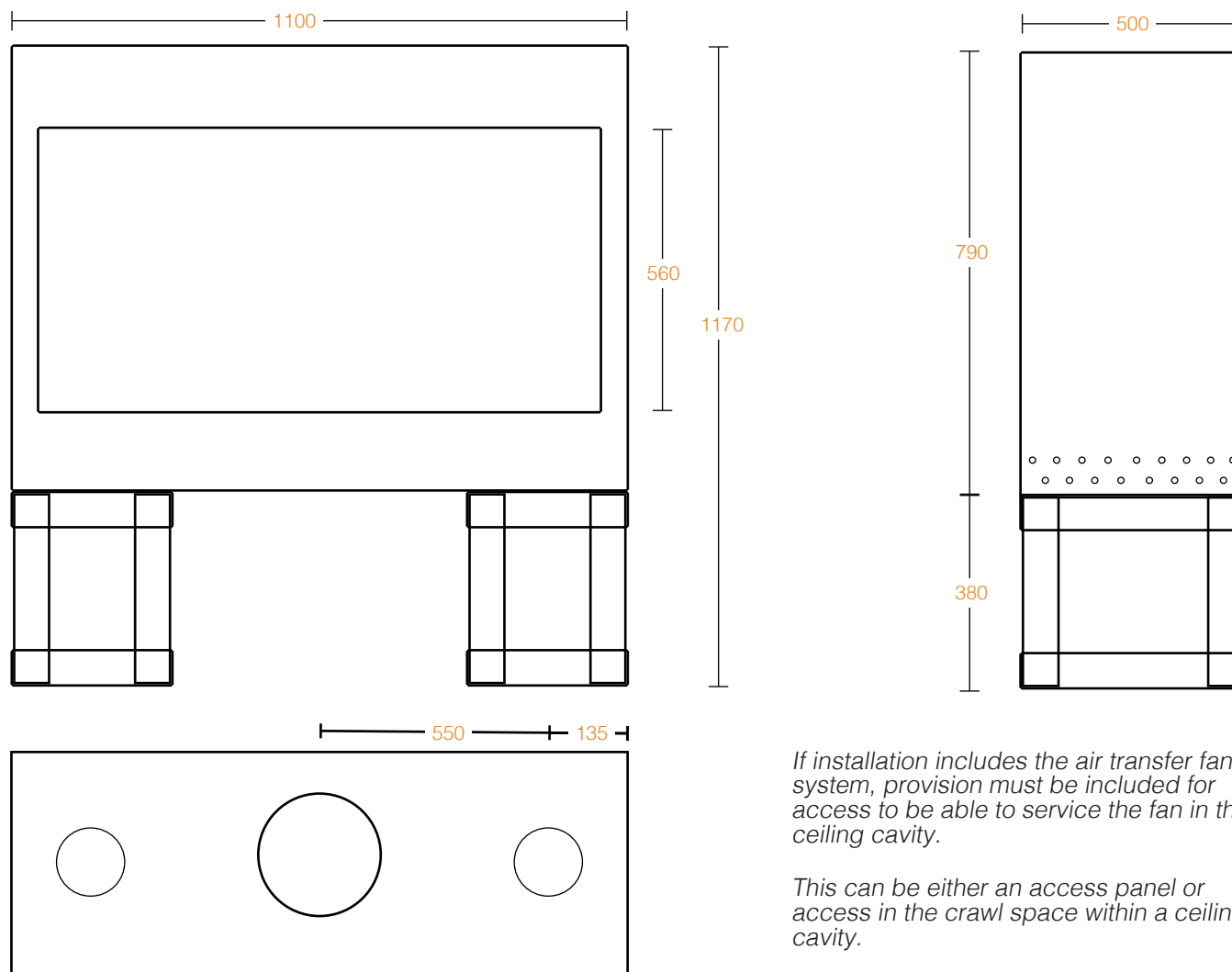


**If the information in these instructions is not followed exactly, a fire could result causing property damage, personal injury, or death.**

- *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.*

# APPLIANCE DIMENSIONS

## ZERO CLEARANCE CASE



### Compulsory For NZ - optional for AU:

Connect 2x 150mm outlet ports on the zero clearance case to two (not included) non-combustible vents via solid or flexible 6inch ducting to vent into room on sides or face of cavity.

More info on page 9

If installation includes the air transfer fan system, provision must be included for access to be able to service the fan in the ceiling cavity.

This can be either an access panel or access in the crawl space within a ceiling cavity.

More information can be found on it's specific installation manual by scanning the following QR code or reading the manual the system came with.



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

INSTALLATIONS TO COMPLY WITH AS/NZS2918 AND MAY REQUIRE A BUILDING CONSENT

**Please note:** the burn rate control handle for this fireplace is on one side only. When considering the installation, consult the home owner to ensure the burn rate control is on the preferred side as this **cannot be** altered without rotating the firebox.



## WARNING



### Fire Risk.

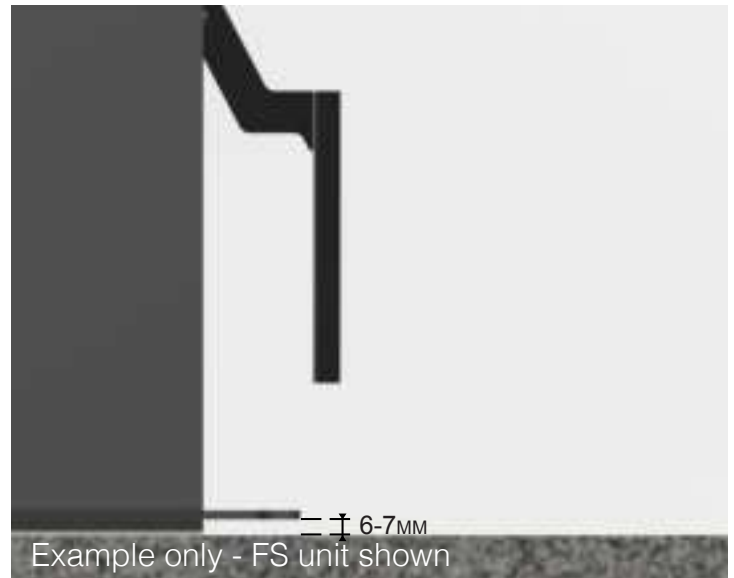
For use with solid wood fuel only.

Other fuels may over fire and generate poisonous gases (i.e. carbon monoxide).

### 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 assemblies.
- If necessary, the firebox can be removed from the outer skin. Refer to page 24 for the example.
- Page 21 & 22 contains information regarding brick removal and re-assembly.
- The top door hinge should be marked for it's location prior to removal so it can be re-assembled easily into it's correct location. If the door doesn't locate into the latch mechanism correctly adjustment is via the two bolts on the top hinge. Refer to page 23.

For a floating hearth, consideration should be given to the usability of the burn rate control handle due to the low position location. See example below



### AIR TRANSFER FAN PROVISIONS

If installing the optional air transfer fan system, ensure there is provision for power. Power cord requires a single 240v 10amp GPO and an isolation switch.

Provision must be included for access to be able to service the fan in the ceiling cavity.

This can be either an access panel or access in the crawl space within a ceiling cavity.

More information can be found in the air transfer fan manual on the QR code link below



### OUTSIDE AIR

The Taurus ZC can be connected to outside air via the central air intake at the base or the rear of the unit through the zc 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.

Please note: The outside air duct must be led outdoors or into a well-ventilated room inside the building (cellar, utility room, etc.).

### Outside air 100mm connection shown



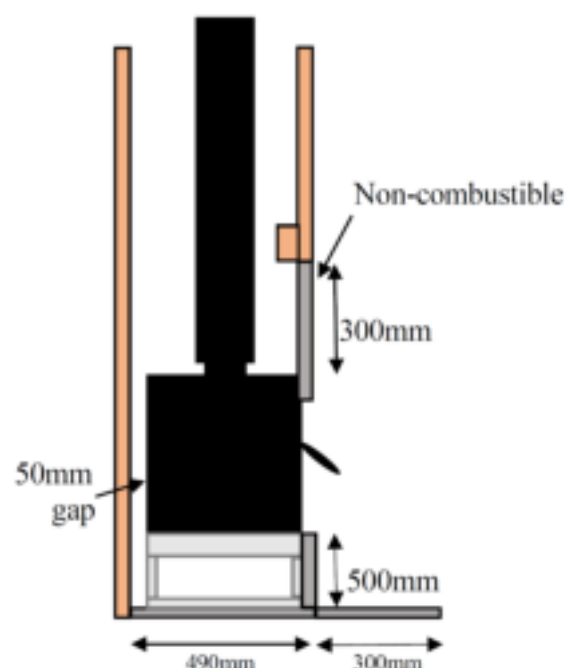
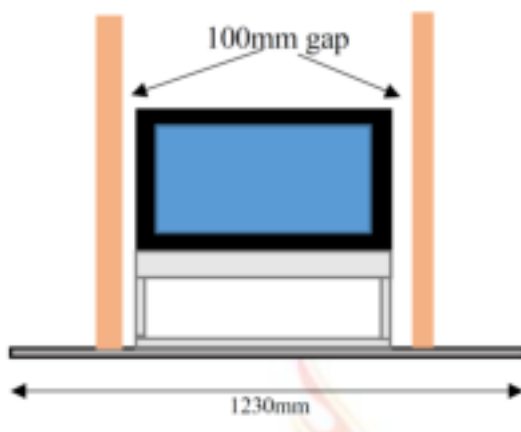
# CLEARANCE REQUIREMENTS

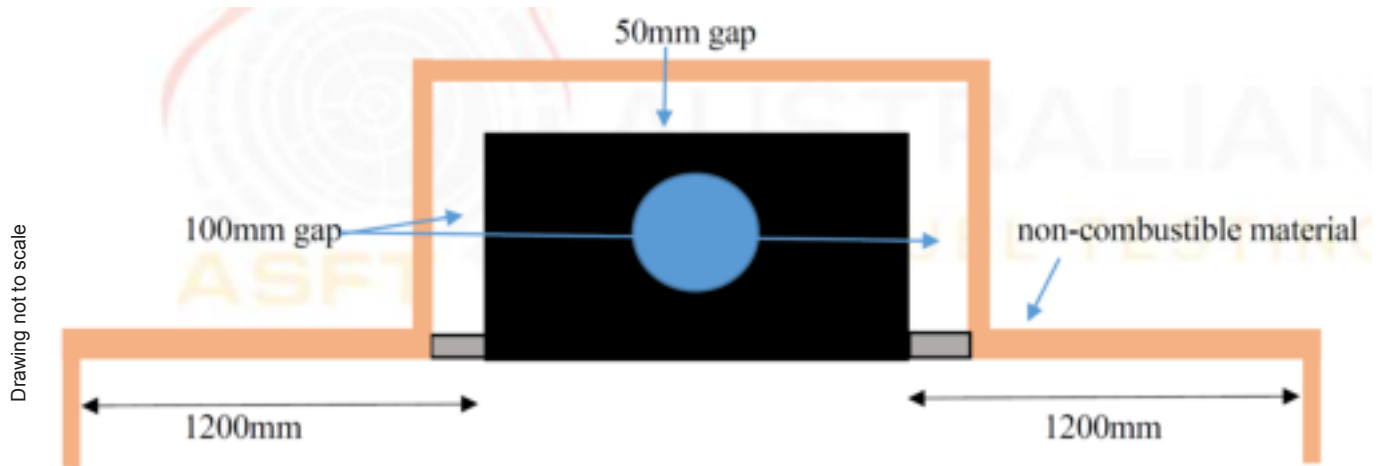
The VisionLINE Taurus Inbuilt and Zero Clearance box must be installed with an air cooled triple skin flue kit.

A minimum 490mm deep x 1240mm wide x 6mm thick floor protector (compressed board) should be used under the appliance, a minimum 1230mm wide x 300mm deep x 6mm thick floor protector (compressed board) must be used in front of the appliance base when installing the appliance (see joint AS/NZS 2918 3.3.2). The floor protector should extend 300mm in front of the fuel loading door and be placed centrally in the 1230mm width. The Thermal resistivity of the floor protector is 0.08m<sup>2</sup>.K/W for 6mm thick compressed cement sheets.

- The appliance and Flue Combination should be installed at the following clearances:
- The mantle shelf and mantle upright clearances was not tested and should be installed as per clause 3.4.1.3(b) of AS/NZS 2918.
- Flue ceiling penetration must have a 50mm air gap in all directions around the outer casing of the from combustibles.
- The outer casing of the flue (12") must be raised 65mm above the zero clearance box.
- The inner galvanised casing of the flue (10") must be vented into the zero clearance box outer skin and be sealed to prevent venting into the enclosure.
- The front wall of the enclosure must be made of non-combustible material to a height of 300mm above the zero box from the hearth and must extend to 100mm either side of the zero box.
- 300mm from the top of the Zero Clearance box to the first internal wall noggin above the front of the appliance.
- The Zero clearance box as tested must have air gaps of 8mm above the appliance and 3mm on both the sides of the appliance.
- Combustible material/rear wall of the enclosure must be a minimum of 50mm from the rear of the appliance zero clearance box.
- Combustible material/side wall of the enclosure must be a minimum of 100mm from the side of the appliance zero clearance box

Drawing not to scale

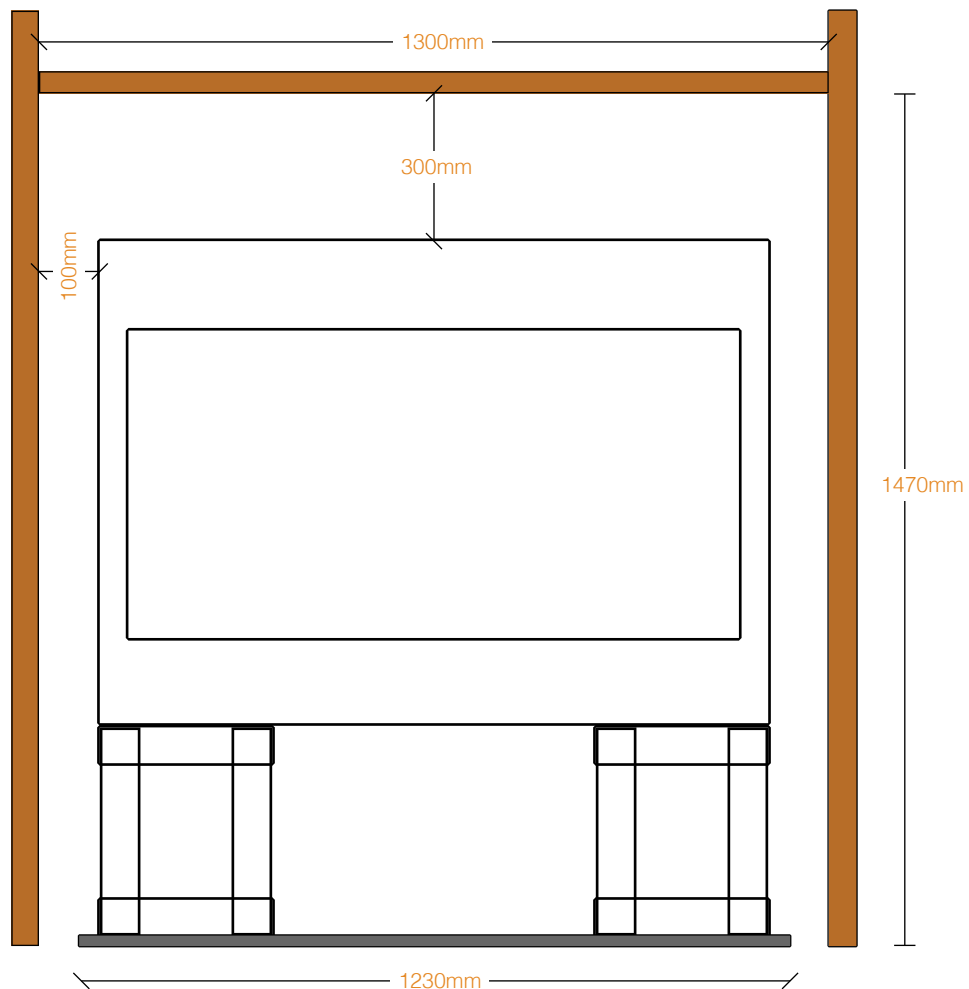




## TIMBER FRAMING

### *Front elevation*

*Frame opening of 1470mm high x 1300mm wide and 550mm deep*

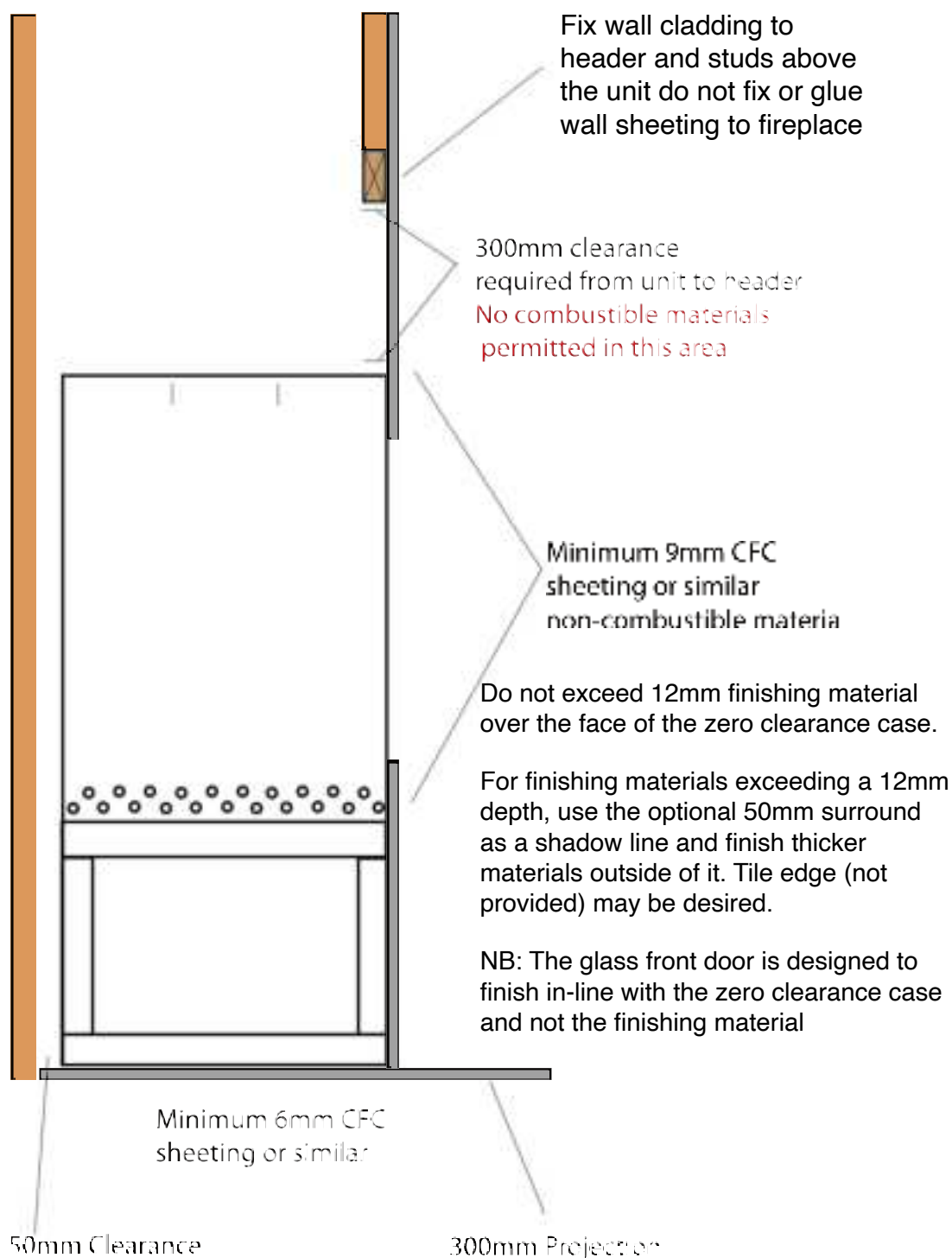


# CLEARANCE REQUIREMENTS

## TIMBER FRAMING

### Side Elevation

Frame opening of 1470mm high x 1300mm wide and 550mm deep  
50mm rear wall clearance required from combustible materials



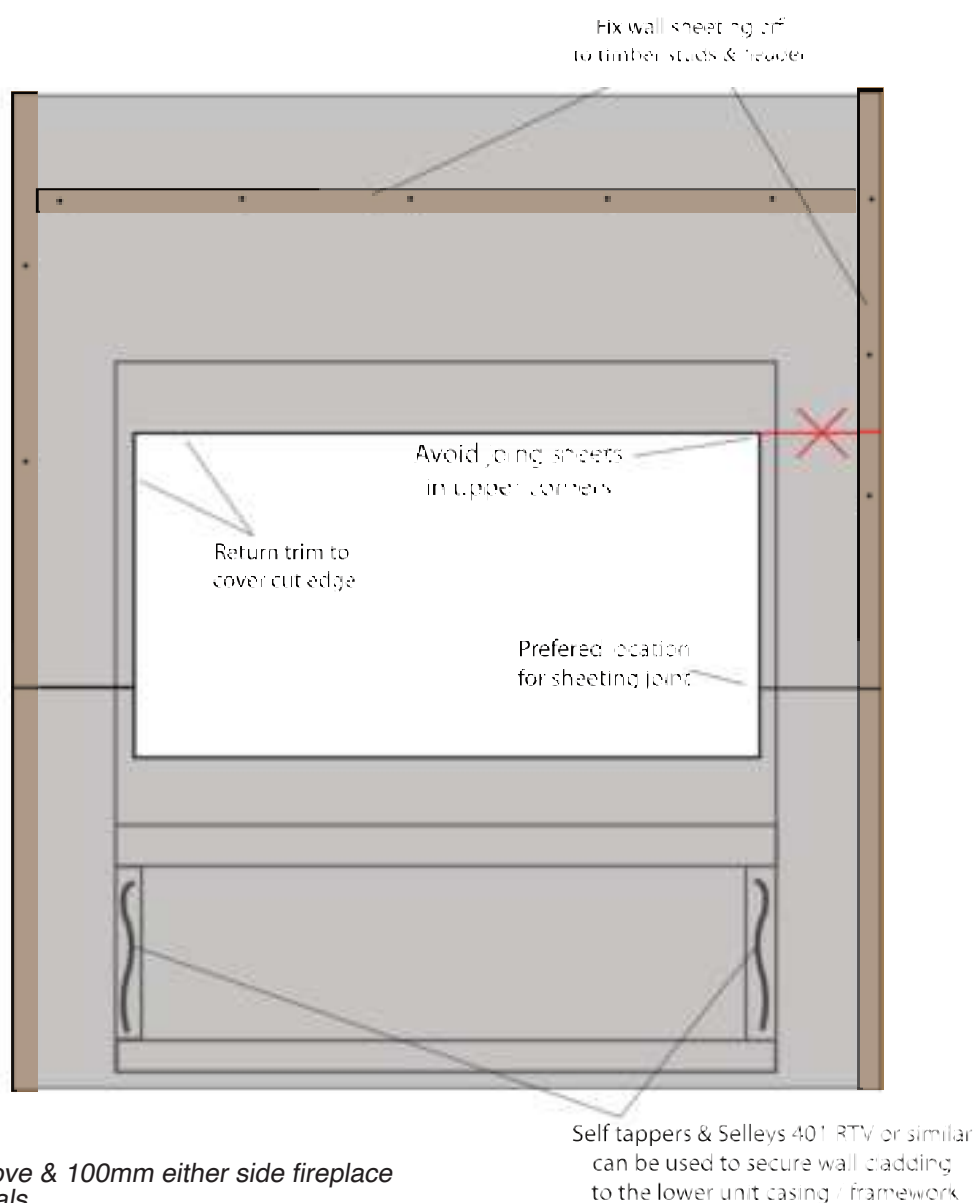
Please Note - Light coloured wall paints may discolour over time due to heat darker colours are recommended if the fireplace wall is to be a painted finish

Wall Cladding to be minimum 9mm CFC sheeting or similar non-combustible material.

DO NOT overlap the 6mm 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.

For finishing materials exceeding a 12mm depth, use the optional 50mm surround as a shadow line and finish thicker materials outside of it. Tile edge (not provided) may be desired.



*300mm clearance above & 100mm either side fireplace to combustible materials*

*Please Note - Light coloured painted wall finishes may discolour due to heat*

*Darker colours recommended if a painted finished is required.*

*Compulsory For NZ - optional for AU:*

*The top of the zero clearance case has two knockout points for additional venting that is required for New Zealand.*

*Connect 2x 150mm outlet ports on the zero clearance case to two (not included) non-combustible vent registers via solid or flexible 6inch ducting to vent into room on sides or face of cavity.*

*Vent registers must be metal/aluminium type and attached to non-combustible facing material.*



## F. Install Checklist

### ATTENTION INSTALLER Follow this Standard Work Checklist

This standard work checklist is to be used by the installer in conjunction with, not instead of, the instructions contained in this installation manual.

Customer: \_\_\_\_\_  
 Date Install: \_\_\_\_\_ Lot / Address: \_\_\_\_\_  
 Location of Appliance: \_\_\_\_\_ Installer: \_\_\_\_\_  
 Dealer / Distributor Phone #: \_\_\_\_\_ Serial #: \_\_\_\_\_  
 Model: \_\_\_\_\_

**WARNING! Risk of Fire or Explosion!** Failure to install appliance according to these instruction can lead to a fire or explosion.

#### Appliance Install

|                                                                                                                                                                                                                                                 | YES                      | IF NO, WHY? |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------|
| Verified clearances to combustibles.                                                                                                                                                                                                            | <input type="checkbox"/> | _____       |
| Appliance is level and connector is secured to appliance.                                                                                                                                                                                       | <input type="checkbox"/> | _____       |
| Hearth extension size/height decided.                                                                                                                                                                                                           | <input type="checkbox"/> | _____       |
| Outside air kit installed.                                                                                                                                                                                                                      | <input type="checkbox"/> | _____       |
| Floor protection requirements have been met.                                                                                                                                                                                                    | <input type="checkbox"/> | _____       |
| If appliance is connected to a masonry chimney, it should be cleaned and inspected by a professional. If installed to a factory built metal chimney, the chimney must be installed according to the manufacturer's instructions and clearances. | <input type="checkbox"/> | _____       |

#### Chimney

|                                                                                                 |                          |       |
|-------------------------------------------------------------------------------------------------|--------------------------|-------|
| Chimney configuration complies with diagrams.                                                   | <input type="checkbox"/> | _____ |
| Chimney installed, locked and secured in place with proper clearance.                           | <input type="checkbox"/> | _____ |
| Chimney meets recommended height requirements (14-16 feet). Roof flashing installed and sealed. | <input type="checkbox"/> | _____ |
| Terminations installed and sealed.                                                              | <input type="checkbox"/> | _____ |

#### Clearances

|                                                                                  |                          |       |
|----------------------------------------------------------------------------------|--------------------------|-------|
| Combustible materials not installed in non-combustible areas.                    | <input type="checkbox"/> | _____ |
| Verified all clearances meet installation manual requirements.                   | <input type="checkbox"/> | _____ |
| Mantels and wall projections comply with installation manual requirements.       | <input type="checkbox"/> | _____ |
| Protective hearth strips and hearth extension installed per manual requirements. | <input type="checkbox"/> | _____ |

#### Appliance Setup

|                                                                                                                                          |                          |       |
|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------|
| All packaging and protective materials removed.                                                                                          | <input type="checkbox"/> | _____ |
| Firebrick, baffle and ceramic blanket installed correctly.                                                                               | <input type="checkbox"/> | _____ |
| All labels have been removed from the door.                                                                                              | <input type="checkbox"/> | _____ |
| All packaging materials are removed from inside/under the appliance.                                                                     | <input type="checkbox"/> | _____ |
| Manual bag and all of its contents are removed from inside/under the appliance and given to the party responsible for use and operation. | <input type="checkbox"/> | _____ |

VisionLINE fireplaces recommends the following:

- Photographing the installation and copying this checklist for your file.
- That this checklist remain visible at all times on the appliance until the installation is complete.

Comments: Further description of the issues, who is responsible (Installer/Builder/Other Trades, etc.) and corrective action needed:  
 Comments communicated to party responsible \_\_\_\_\_ by \_\_\_\_\_ on \_\_\_\_\_

(Builder / Gen. Contractor)

(Installer)

(Date)

## 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.



#### 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.

**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.

### 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.

### 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

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
- Basement installations should be avoided



### 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.



### WARNING



#### 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.

## D. Tools And Supplies 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

## 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.**

**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.**

## Included Items



Base:  
Long Rails (1100mm) x 4  
Medium Rails (500mm) x 4  
Short Rails (375mm) x 4

Casing:  
Top Panel x 1  
Bottom Panel x 1  
Side Panels x 2  
Rear Panel x 1  
Center Support Bracing x 1  
Rear Stand-off Bracket x 1  
Firebox Support Brackets x 2

### Constructing the base stand

#### Step 1.

Take 2x short rails (375mm) and 2x medium rails (500mm) align the holes and secure with self tapping screws to create an end frame. The medium length rails face the outside with the short rails being fixed to the back of the medium rails.

Once you have completed the first end frame, repeat the above steps to complete the final end panel.



#### Step 2.

In order to complete the base, join the long rails (1100mm) to each corner of the finished end frames, align the screw holes and fix with self tapping screws. Once completed, turn over and repeat to complete the base.



# ZERO CLEARANCE CASING ASSEMBLY

## Step 3

Locate the base panel and secure the centre support and heater support rails to the base panel using the supplied self tapping screws.



## Step 4.

Locate and secure the side panels to the base panels with self tapping screws ensuring the side panels are inside the base panel folds.



## Step 4.

Slide the back panel into place, the back panel will sit inside the base panel fold and on the outside of the side panels. Once in place, secure loosely until the top panel has been fitted to allow for adjustment.



## Step 5.

Secure rear wall spacer to the back panel in the pre-drilled holes.



## Step 6.

Position top panel in place and align holes as required tighten back panel screws then remove the top panel to be fitted off at a later stage once the fire box has been positioned inside the casing.

## Step 7.

There are several tabs located on the lower rails which secure the base to the casing to provide additional support, fold tabs up 180° and secure the casing with self tapping screws.

## Step 8.

Position the Zero Clearance assembly inside the wall cavity. Once the casing is positioned, check level and ensure positioning is flush with the wall framing. Secure the lower base rails to the floor using appropriate fixing methods for the flooring material.

It may be necessary to add angle support (not supplied) to secure the zero clearance case to the cavity framing for extra stability.



# ZERO CLEARANCE CASING ASSEMBLY

*Inserting the firebox*

*Step 9.*

*Position the firebox inside the zero clearance casing.*

*Due to the weight of the firebox (220kg), it is highly recommended to remove as much weight as possible from the 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 ## 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. Applying grease or similar to the lower support brackets will aid in sliding the firebox into the casing.*



Lifting aid examples



*Step 10.*

*Once the fire box is positioned inside the zero clearance casing, fit the top panel on the casing and secure with self tapping screws.*

*Step 11.*

*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 10 inch flue pipe using self tapping screws or rivets. The 8 inch flue pipe and brackets pass through the casing and rest on top of the fire box. The brackets will stand the 8 inch flue pipe off the top of the firebox the required distance.*



## Step 12.

Once the 10" and 8" flues are 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.

Using a suitable heat resistant sealant rated above 500°C, seal the 8" flue pipe to the zero clearance casing as marked below in blue.

The second step on the flue bracket will stand the 10" flue pipe off the zero clearance casing as shown.



Use heat resistant sealant to seal 8" flue pipe to casing

Second step in bracket stands off 10" flue pipe

## Step 13.

Once the flue has been positioned and sealed to the top of the zero clearance casing, lower the 6" Stainless flue pipe down inside the 8" flue pipe and seat fully on the top of the fireplace flue spigot.

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

### Typical flue size for triple cased flue

152mm | 200mm | 250mm

6in | 8 1/4 | 10 1/4

## FINISHING

Clad the fireplace wall using a suitable non-combustible rated cladding material (page 7 & 8 for specs).

DO NOT overlap the 6mm firebox lip. Only cover the zero clearance casing with finishing material and leave a 3-5mm gap to the firebox.

Note: Optional 50mm finishing surround available.

Surround fits to inner edge of 6mm outer firebox (top and bottom) and suits facing material up to max 12mm. For finishing materials exceeding a 12mm depth, use the optional 50mm surround as a shadow line and finish thicker materials outside of it. Tile edge (not provided) may be desired.

Note: The glass front door is designed to finish in-line with the zero clearance case and not the finishing material



For flue system installation, please follow manufacturers instructions.

Below relates specifically to the active flue connection.



Lower channel

The active 6" flue seats over the flue starter spigot, the flue crimp will slide down and rest in the lower channel.

Friction fitment secures the flue on the spigot, no sealant required.

If active flue is found to be slack or loose, cut off the crimp on the first length to ensure air-tight fitment.

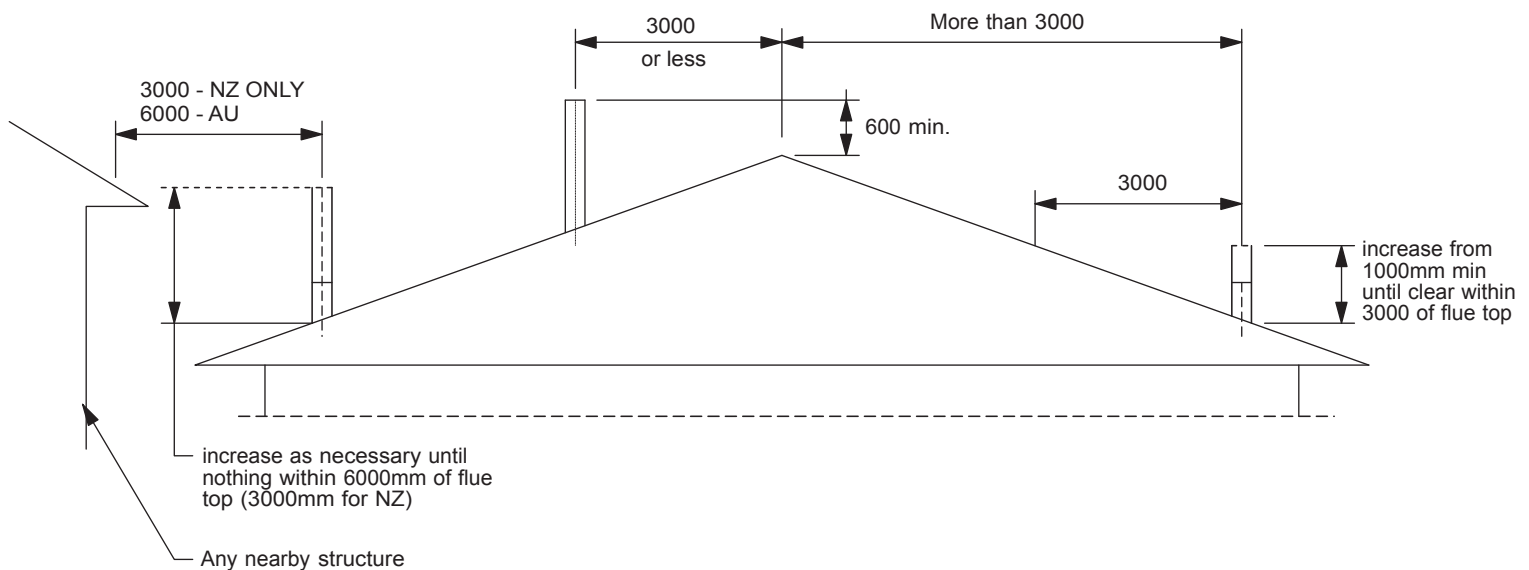
*Flue spigot removal for demonstration purposes only. Not required for installation of the fireplace unless for seismic restraint requirements as per page 22.*



Flue seated correctly.

**Typical flue size for triple cased flue**  
**150mm | 200mm | 250mm**

## MINIMUM HEIGHT OF FLUE SYSTEM EXIT



## Before lighting the 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 odour for at least 4 hours as it adheres to the steel. Ensure to ventilate the room during this time.

## Lighting your fire

- Ensure the Air Slide is in the open or high position. (pulled out fully towards you).
- In firebox lay your fire lighters 10 to centimetres apart. Do not use newspaper as a fire lighter.
- Add a mixture of soft wood and hardwood kindling in a criss 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.
- 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.
- Load pieces of hardwood that are no wider than a drink can in a criss cross pattern.
- 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.
- 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.
- 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.

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.*

## Tips on choosing firewood

How long a tree has been felled or dead for does not indicate how dry the wood is. The best way to dry wood is to split it and expose the inner core allowing the sun to dry the wood naturally.

Good wood merchants will split the wood for you, but may not season it for you.

The amount of you pay for your wood or the appearance of the wood does not justify how dry the wood is. The only way to know how dry your wood is, is to use a moisture meter measuring from the inner core after splitting the piece of wood you are testing.

### Only burn wood under 20% moisture.

Anything over 20% and your wood heater will not work efficiently. The energy from the fire will be used to reduce moisture in your wood and not produce heat for your house.

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%.

Never burn treated wood or painted wood.

## Combustion air

The 3 elements required for fire are Fuel, Heat and Oxygen. When a fire is started within a slow combustion heater, the heat rises in the flue system creating a vacuum within the firebox. This vacuum creates positive pressure or 'draw' which pulls oxygen in to replace itself and create the balance of air to keep the fire running.

In tightly sealed homes, fresh air supply to the unit may be insufficient due to an air pressure imbalance which can affect the operation of the stove.

This stove has the possibility of connecting directly to outside the envelope of the home to supply combustion air. This is via the 99mm diameter central air duct neck located on the base of the unit which can be connected through the sub floor.

To ensure a central air supply, the duct must not be longer than 3 m and have too many bends. The minimum duct diameter is 80 mm.

*The central air duct must be led outdoors or into a well-ventilated room inside the building (cellar, utility room, etc.).*

**VisionLINE fireplaces recommends the VisionLINE AIR insulated flue system to create a balanced flue ensuring adequate air supply balance. T-section and snorkel cannot be used to connect to outside air on this appliance.**

### NOTICE

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 considered to be overloaded and can result in over-firing of the product causing damage to the unit and voiding the warranty.



**CAUTION:** Avoid opening the door if there is considerable visible smoke inside the firebox. Smoke spillage will occur. Stage the fire and only open the door once down to coaling phase of the bur cycle.

**NOTICE:** This fireplace is not designed to be operated as an open fire.

*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.*

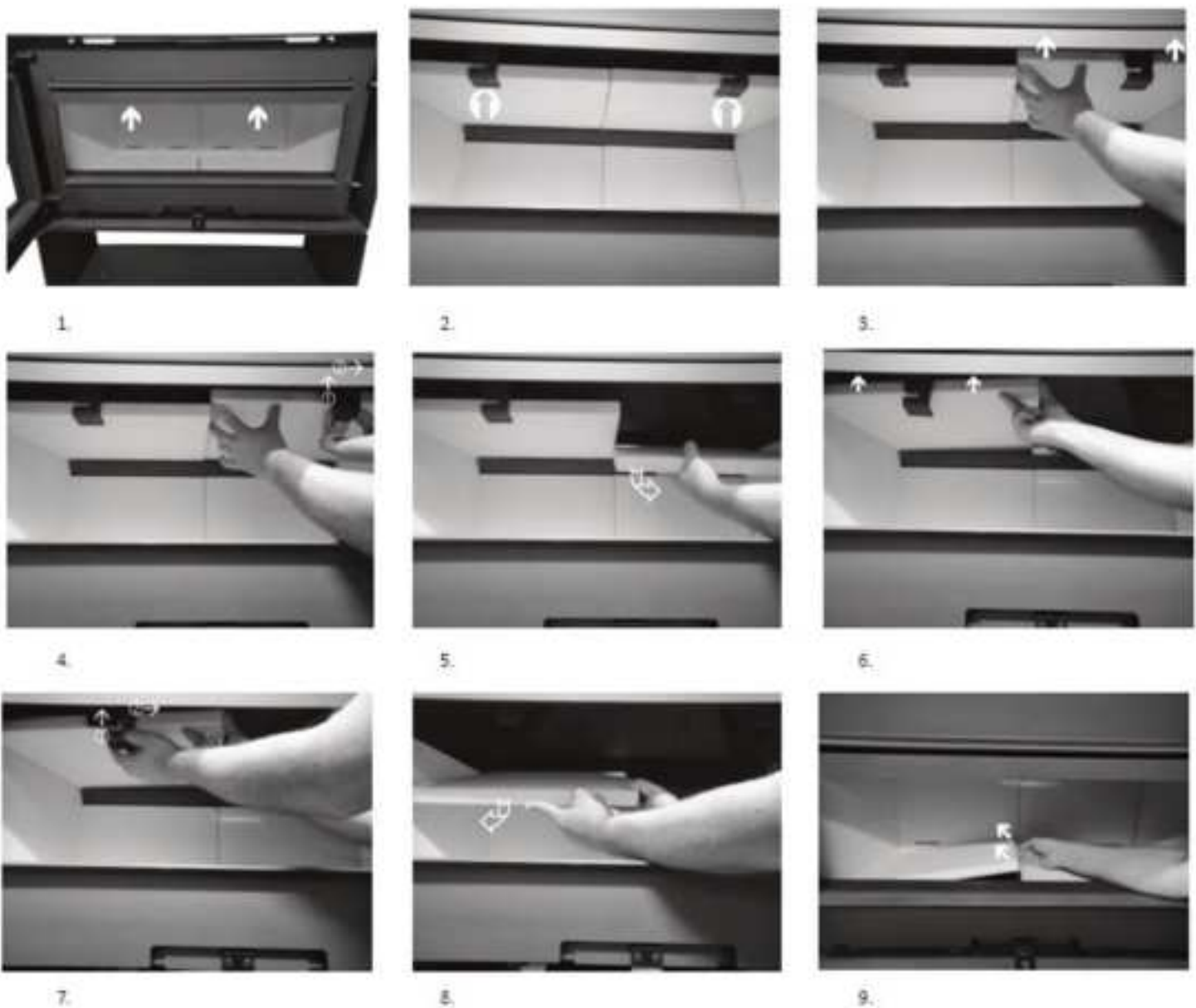
*Before the heating season, thoroughly clean the entire fireplace from ash and soot with a brush or vacuum cleaner. Ensure that ash that has fallen between fire bricks is removed.*

*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 following guide*





10.



11.



12.



13.



14.



15.



16.



17.



18.

# SEISMIC RESTRAINT

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.

*Note: Mark the door hinge location for easy re-fitting.*

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



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



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



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



The firebox will slide on the rails as pictured below.



*For ease of re-fitting the firebox, the firebox shield on the rear can be removed by undoing 4x 10mm securing bolts*



*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)*



*For reassembly, follow these steps in reverse.*

## VisionLINE Wood Stove Warranty

VisionLINE extends the following manufacturer's warranty for wood hearth appliances that are purchased from a VisionLINE authorised 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 of 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, authorised 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: 10 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.

10 year structural warranty on the firebox construction including weldment.

5 year warranty on tertiary air tube, baffle and bricks. (labour for 3 years)

2 year warranty on fans and electrical components. (labour for 1 year)

## OTHER RIGHTS

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

Our goods come with guarantees that cannot be excluded under the Australian/NZ 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.

## WARRANTY CONDITIONS AND EXCLUSIONS:

The VisionLINE manufacturer's warranty only covers VisionLINE appliances that are purchased through a VisionLINE authorised dealer or distributor. A list of VisionLINE authorised dealers is available on the VisionLINE branded websites.

This warranty is only valid while the VisionLINE appliance remains at the site of original installation.

## WARRANTY EXCLUSIONS:

This VisionLINE manufacturer's warranty does not cover the following:

- *Changes in surface finishes as a result of normal use. As a heating appliance, some changes in colour of interior and exterior surface finishes may occur. This is not a flaw and is not covered under warranty.*
- *Damage to printed, plated, or enamelled 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 discolouration 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.*

#### **WARRANTY EXCLUSIONS cont.**

- 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 authorised and approved by VisionLINE (8) modification of the appliance not expressly authorised 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 discolouration 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.

#### **HOW TO CLAIM**

- To make a claim against this warranty, contact your local distributor during regular business hours. See addresses below for a dealer nearest you.
- Additional service fees may apply if you are seeking warranty service from a dealer other than the dealer from whom you originally purchased the product.
- Check with your 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.
- VisionLINE will assess your claim. VisionLINE (AU) or The Fireplace (NZ) may need to inspect the product as part of the assessment of your claim. If the product requires inspection, VisionLINE or The Fireplace 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 VisionLINE or Jetmaster may accept other evidence of the date of purchase.



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