



# Firenze Woodfires

**Please read this booklet and keep for future reference for the safe installation and operation of your:**

## Kompact AG & RURAL

### INSTALLATION AND OPERATION GUIDE

AG = Air Guard (clean air – Environment Canterbury & Ministry for the Environment approved)

**AG - AUTHORISATION NUMBER 122076**



**Kompact Athena**



**Kompact Diva**



**Kompact Deco 800**



**Kompact Deco 1000**



**Kompact Forte**

This Fire must be installed by someone competent to do so, Firenze recommend the use of a NZ Home Heating Association, solid fuel appliance installation technician (SFAIT), or other suitably qualified person. The Fire and Flue System must be installed in accordance with AS/NZS2918. All Installations must be in accordance with these instructions. Consult with the building authority having jurisdiction to determine the need for a permit prior to commencing the installation. Failure to follow these instructions may also void your fire insurance and warranty.

The AG Fire has been tested to Appendix E & B of the joint Australia/New Zealand standard 2918:2001.

The AG Fire conforms with ECAN Requirements.

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Under our policy of continuous product improvement, Firenzo reserves the right to alter specification or product from that shown.

# 1. WARNINGS

**This Fire should be maintained and operated at all times in accordance with these instructions.**

The **Kompact AG & RURAL** are tested to N.Z. Standards AS/NZS 2918:2001.

If this Fire is incorrectly installed a house fire may result. For your safety follow the installation instructions carefully.

Do NOT connect the Fire to a chimney serving another Fire.

Although the exterior of the Fire may appear cool, contact with the Fire may cause burns; warn children and others of the possibility of injury should they touch the Fire.

Do NOT dry clothing or unseasoned wood directly in contact with the Fire

Keep all household combustible materials at least 600mm away from front of the Fire. This includes clothing, furniture, wood, newspaper, plastic, matches, etc.

**Do not use FLAMMABLE LIQUIDS or AEROSOLS in the vicinity of this FIRE when it is operating.**

Use caution when reloading with fuel. Do NOT attempt to load fuel into the Fire when the fire inside the stove is at or near its peak.

Do NOT burn large quantities of paper or combustible material that would create an extremely hot/quick fire.

Do NOT burn highly coloured paper or brochures (junk mail).

**USE ONLY DRY WOOD (25% or less moisture content). AVOID BURNING WET OR GREEN WOOD.**

The use of preservative treated wood as a fuel can be hazardous.

Timber treated with copper chromium and arsenic type preservatives will leave toxic residues in the ash, firebox or within the flue, timber offcuts from building construction will often contain boric salts. The combustion of this material over prolonged periods can produce adverse effects on refractory lining in solid fuel Fires. Emission of poisonous gases can also be experienced with the burning of treated wood.

Driftwood with salt content will also cause rapid deterioration of the Fire and should not be used.

## 2. INSTALLATION RESPONSIBILITIES

**WARNING:** The Fire and Flue system must be installed in accordance with AS/NZS 2918:2001 and the appropriate requirements of the relevant NZ Building Code or Codes. If the flue system has been AS/NZS 2918:2001 Appendix F tested by the flue system manufacturer then their specifications for the installation of the flue system must be adhered to.

Any modification of the Fire 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 Fire 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.

Strict adherence to these instructions will meet these standards. Any variation from these installation instructions or any doubt about them must be checked against the requirements of the standards.

**Please leave this manual with the owner when installation is complete.**

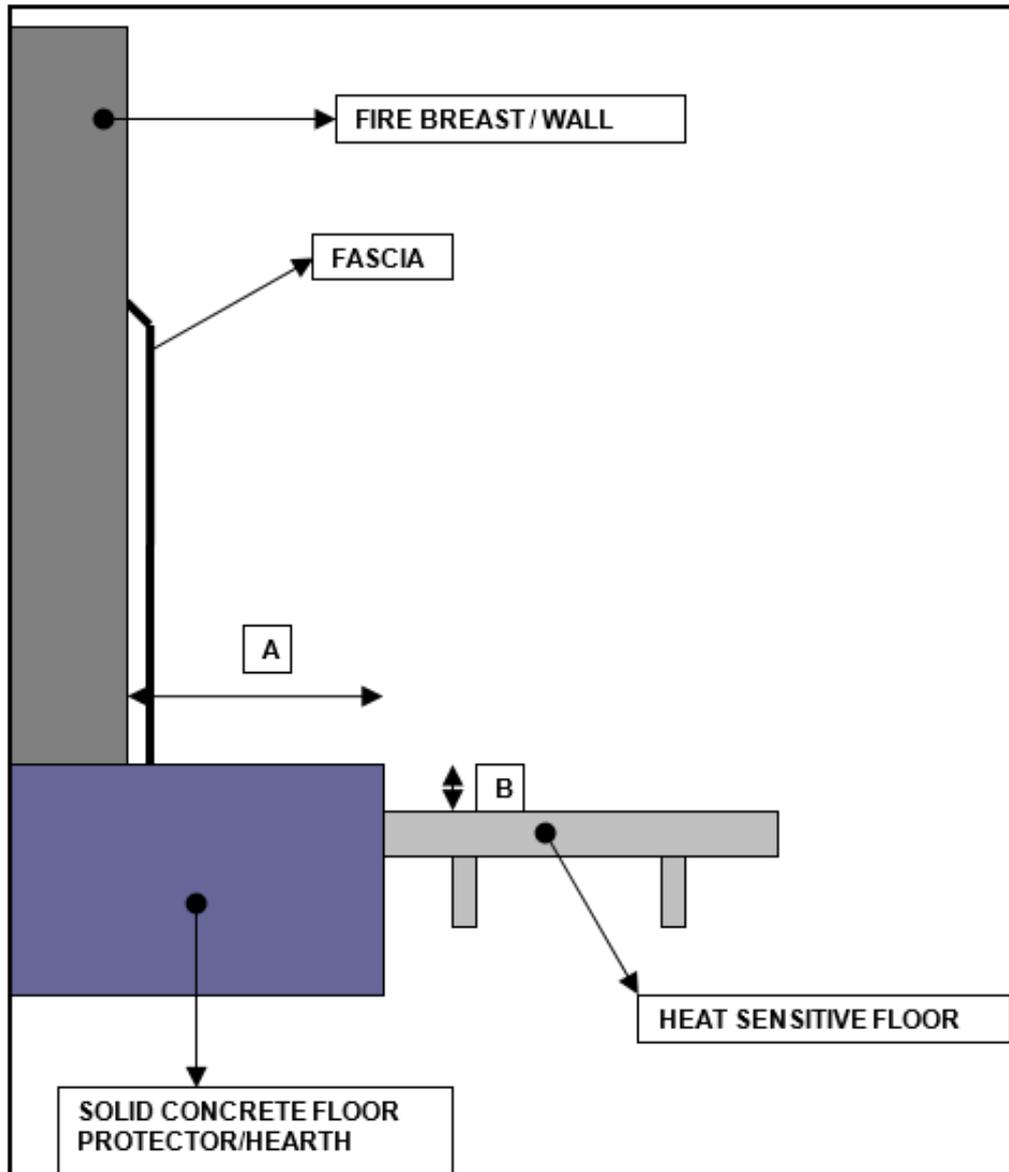
## KOMPACT ZERO CLEARANCE BOX IN A MASONRY FIREPLACE OR ENCLOSURE

### 3. FLOOR PROTECTION REQUIREMENTS

AS/NZ2918 Section 3.3 states that if the Fire is to be placed on or within 500mm of **heat sensitive materials in the floor**, then a floor protector will be required. This floor protector shall extend under the Fire and not less than 300mm beyond the front of the fuel loading or ash removal openings. The width of the floor protector shall be not less than the width of the Fire and shall extend not less than 200mm from each side of the fuel loading or ash removal openings unless it forms an abutment with a wall or heatshield at a lesser distance.

The Fire and floor protector must be fixed to the floor for seismic restraint. Anchor points for the Fire are provided through the 2 front feet of the Fire.

### 3A. FLOOR PROTECTOR REQUIREMENTS SOLID CONCRETE FLOOR



If the Fire is to be installed onto a SOLID concrete floor protector (hearth) that has no heat sensitive materials in its construction it must meet the following **MINIMUM** dimension as marked A & B from above.

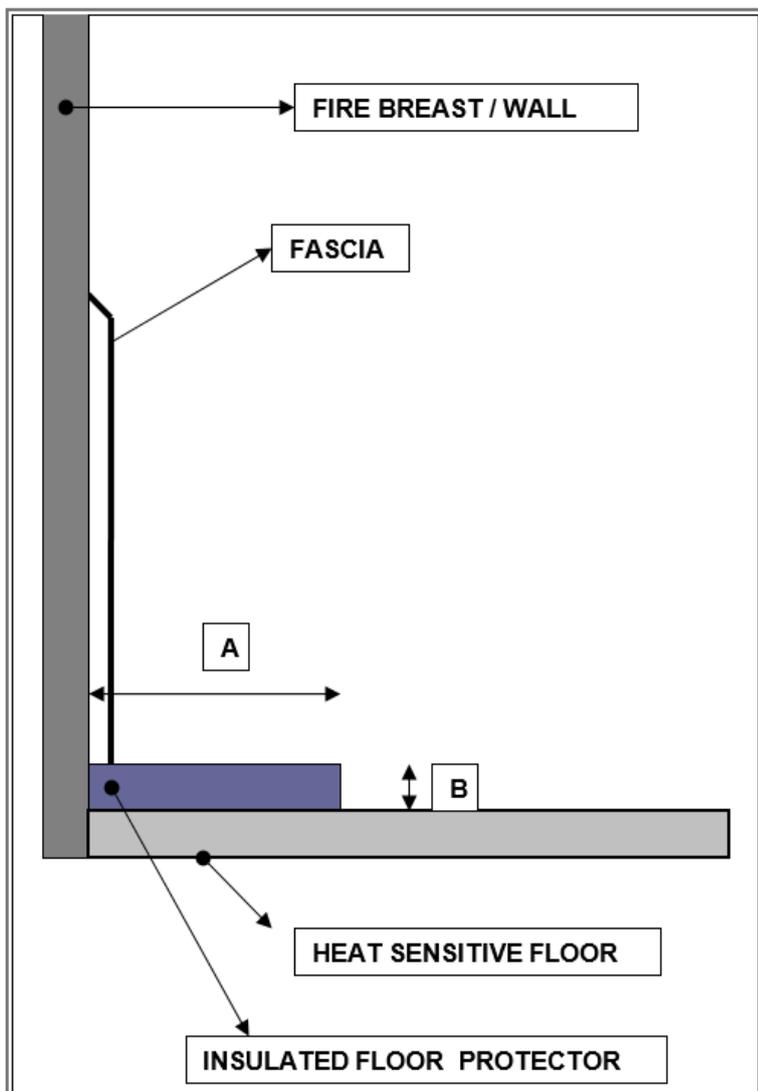
**A** 300mm from breast of fire to outer edge of concrete floor protector (hearth)

**B** 30mm from heat sensitive floor to upper edge of concrete floor protector (hearth)

The minimum width of floor protector must be 820mm and/or 410mm from the centre of the Fire.

## 3B. FLOOR PROTECTOR REQUIREMENTS

### HEAT SENSITIVE FLOORS



An **Insulated** Floor Protector (Hearth) must consist of a minimum of **20mm of Insulation board** (Promatech H, Eterpan LD, Pacbld-Pro or product of similar thermal resistance) and tiles/slate or similar with sealed joints on top surface to protect from spilt ash/embers.

Dimensions A & B from above diagram must meet the following schedule:

B HEIGHT (mm)	A FROM FIRE BREAST
Level Ømm	500mm
30mm	376mm
40mm	355mm
50mm	300mm

Minimum width of floor protector must be 820mm and/or 410mm from centre of Fire.

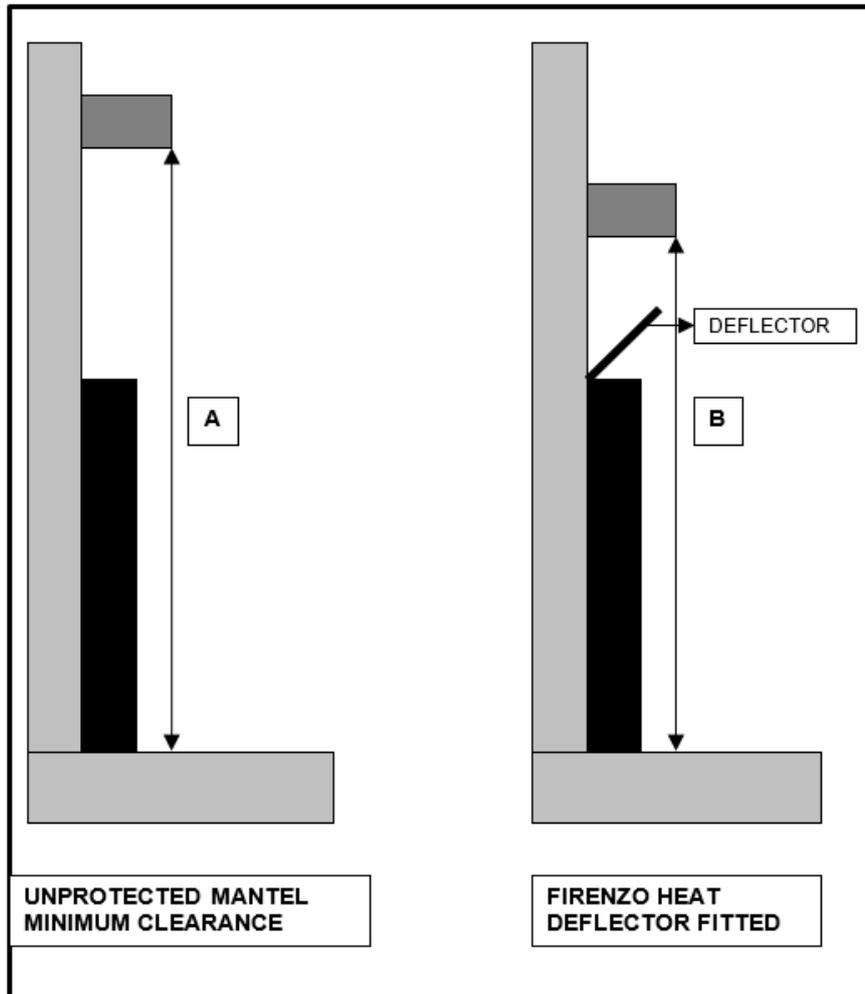
Before installing your Firenzo Kompact it is important to check the condition of your masonry chimney. Ensure any cracks are sealed, loose masonry repaired and the chimney swept.

Check the dimensions of your fireplace opening are adequate to accept the new Fire . Existing linings may need to be removed.

The Fire must be installed on a level non-combustible base.

## 4. MANTEL CLEARANCES

If the mantel shelf on your masonry fireplace is of a combustible material the minimum distance from the floor protector is as follows. This may be reduced if a Firenzo Kompact deflector is fitted.



	<u>A</u> Unprotected	<u>B</u> With Firenzo Deflector
Kompact Diva	1180mm	N/A
Kompact Forte	1180mm	915mm
Kompact Athena	1180mm	N/A
Kompact Deco	1180mm	915mm

Internal Firebox Measurements: Height 240mm - Width 430mm - Depth 400mm

### SIDE PILLAR CLEARANCE

The **minimum clearance** from the side of the fascia to any heat sensitive material must be **5mm** providing the material does NOT protrude more than **150mm**.

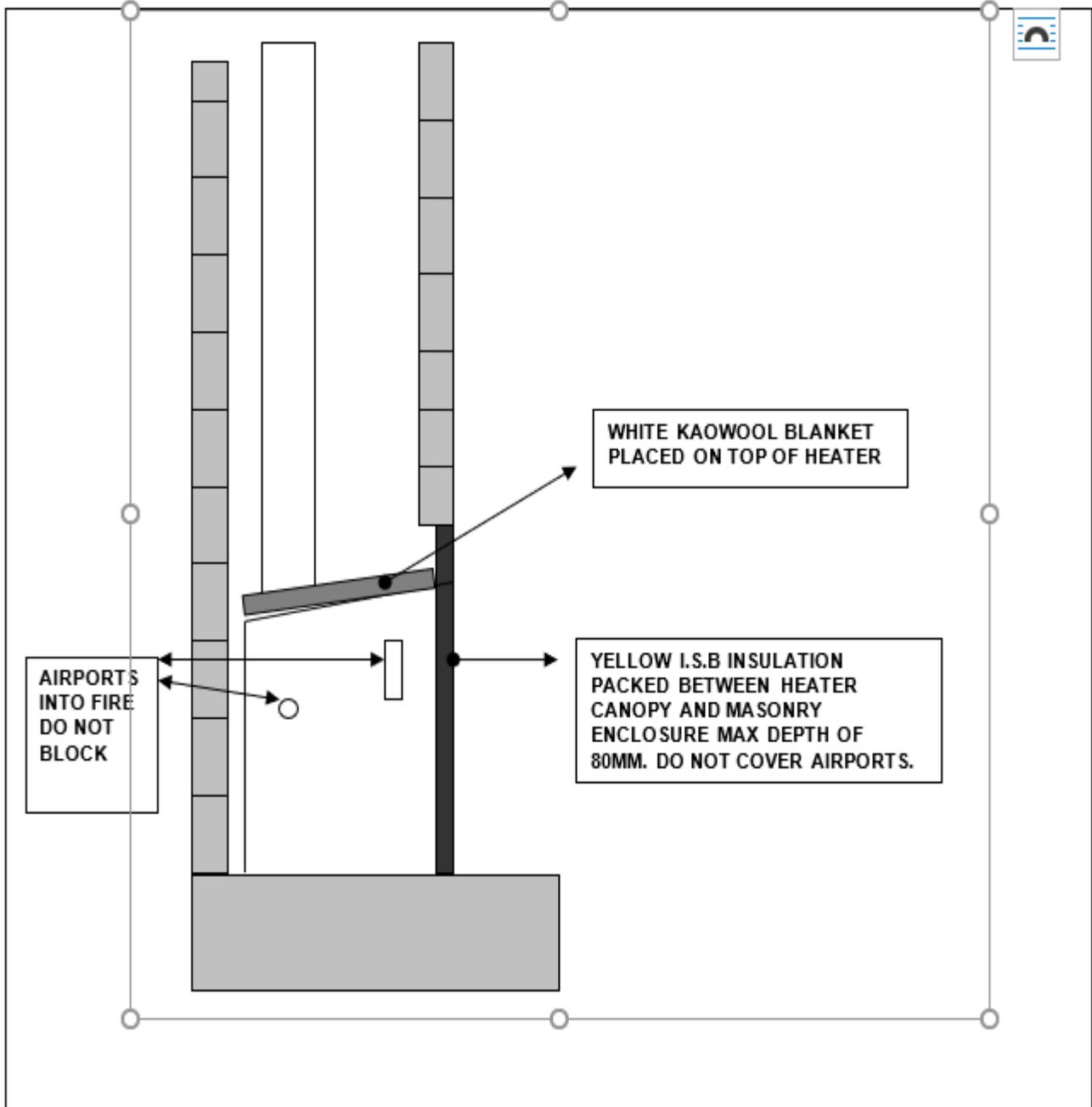
## **5. ASSEMBLY INSTRUCTIONS**

- 1 Carefully remove all packaging.
- 2 The firebox front when installed must be flush with the finished fireplace surround and on a level base of the same height as the finished floor protector. This may be achieved by using a concrete mix to level the base.
- 3 Slide the firebox into the opening so that the outer casing return folds are flush with the finished fireplace surround.
- 4 It is important to anchor the fire box down in case of movement. Restraint points are provided through the fire's two front legs.
- 5 Install Flue as per instructions on page 11 - 13.
- 6 Now that the firebox and flue are in position, **place 25mm white Kaowool blanket (supplied) on top of casing.**
- 7 As this fire sources its combustion air from the chimney cavity/enclosure, **the Fire MUST be sealed around the front between the casing and the masonry. This is achieved by packing the yellow ISB insulation supplied between the casing and the masonry at the FRONT ONLY to maximum depth of 80mm. As shown on pages 9 and 10.**
- 8 Assemble and fit the fascia as per instructions on the relevant pages 27 - 37.

### **NOTE:**

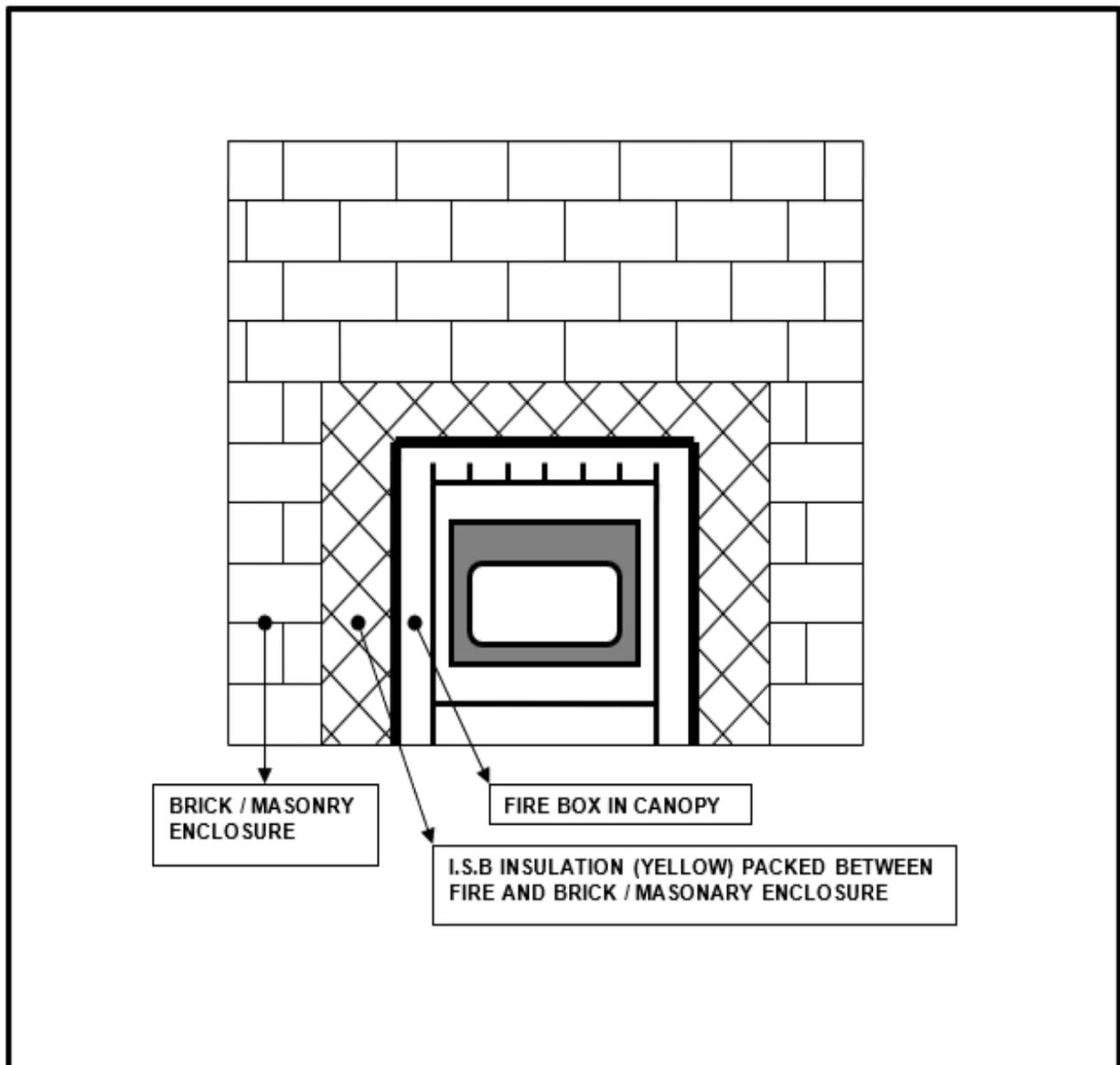
**In the case of some insert fires into existing masonry fireplaces it may be necessary to install additional ventilation into the chimney cavity as per AS/NZ 2918 3.4.1.2 to assist air flow into the fire. This ventilation should not be taken/drawn from the room that the fire is installed in.**

## 6. TYPICAL INSULATION REQUIREMENTS



As this fire sources its combustion air from the chimney cavity, the fire must be sealed using the yellow ISB insulation provided around the front of the casing and masonry enclosure at the FRONT ONLY to a maximum depth of 80mm.

**UNDER NO CIRCUMSTANCES SHOULD THE AIR SUPPLY INTO THE AIRPORTS ON THE SIDE OF THE FIRE BE RESTRICTED**



## 7. INSERT FLUE SYSTEM

### For Installation in a Masonry Fireplace

**WARNING:** The Fire and Flue system must be installed in accordance with AS/NZS 2918:2001 and the appropriate requirements of the relevant building code or codes. If the flue system has been AS/NZS 2918:2001 Appendix F tested by the flue manufacturer then their specifications supersede the standard requirements and must be adhered to.

1. Position Fire in fireplace. Extend plumb line from top of chimney, ensuring Fire spigot is in line with top of the chimney. If not, flue offsets will be required.

2. Assemble flue ensuring all seams are in line and assembly is straight and tight with crimped ends pointing downwards.

Secure flue with at least 3 stainless steel or monel rivets and seal.

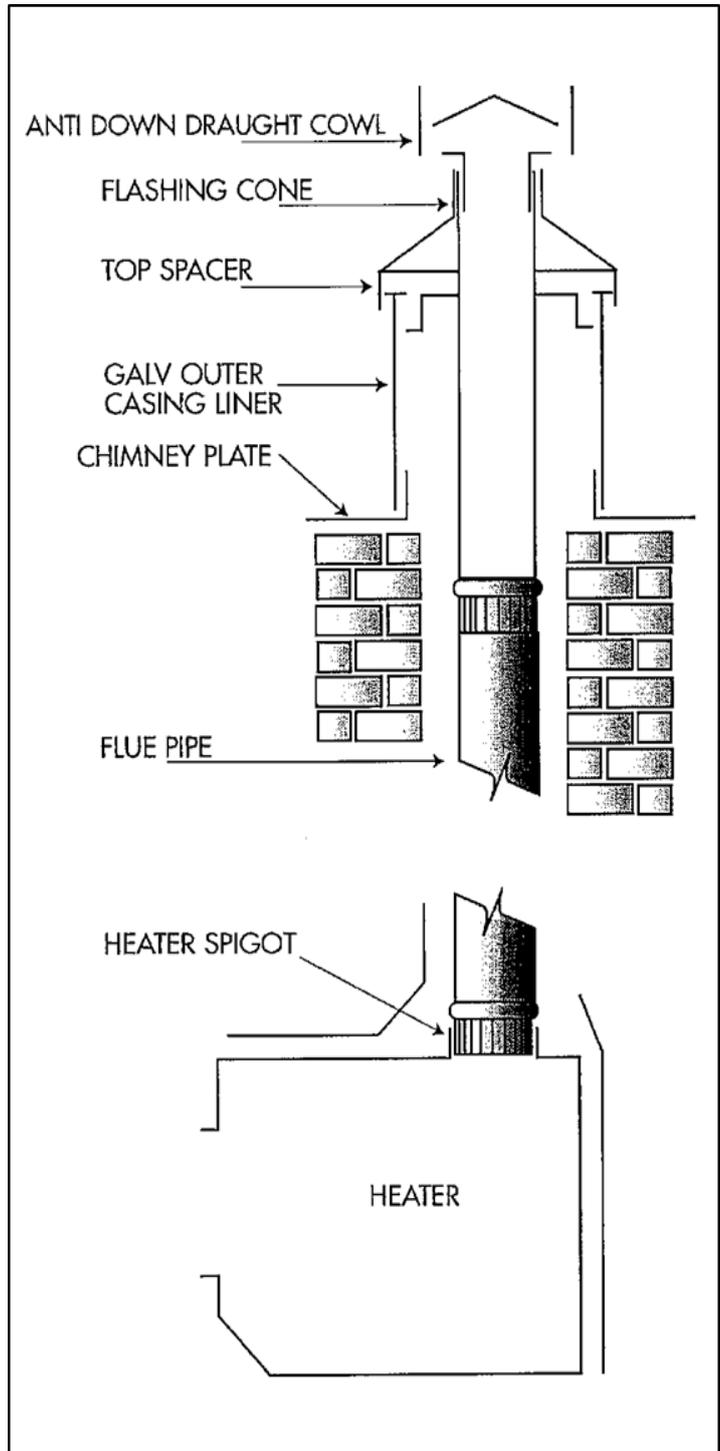
3. Fasten chimney plate supplied onto the chimney top. The chimney plate must be weather sealed with silicone or mortar.

4. Install chimney liner on top of the chimney plate.

5. Ensure flue is extended over the chimney liner by 180mm. Secure top spacer bracket to the flue and ensure slots fit snugly inside the chimney liner.

6. Slide flashing cone over top of flue, until it rests firmly over top spacer. Ensure ventilation gap is not closed off. Secure with pop rivets or self-tapping

7. Fit anti-down draught cowl. Do not secure as it must be removed for cleaning.



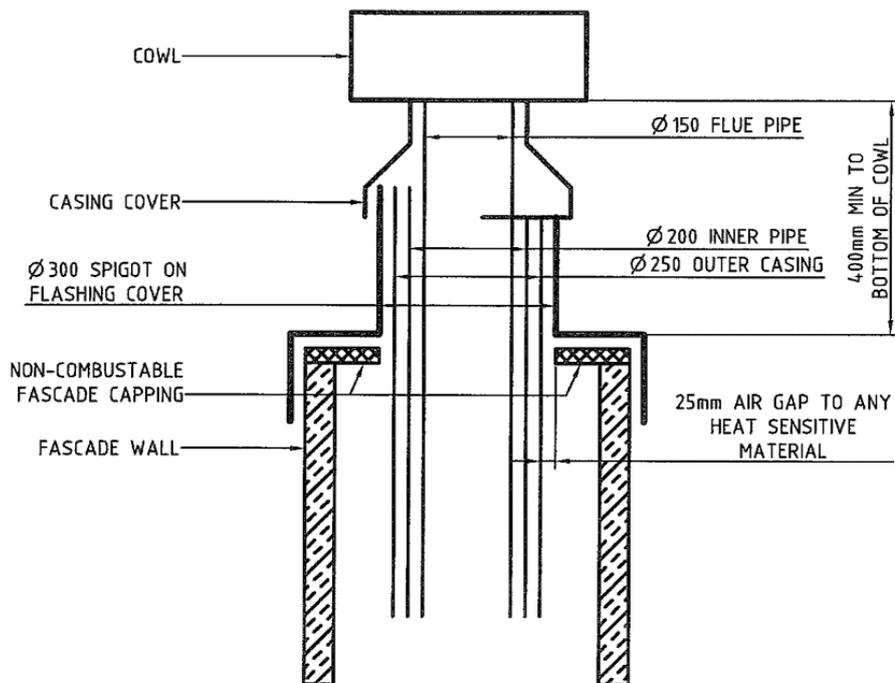
**WARNING:** The Fire and Flue System shall be installed in accordance with AS/NZS 2918:2001 Appendix F and the appropriate requirements of the relevant building code or codes. Firenzo/SFP Flue Kits or Davin Flue Kits must be used.

**CAUTION:** Mixing of Fire or Flue System components from different sources or modifying the dimensional specifications of components using more than 1 metre of extra flue may result in hazardous conditions. Where such action is considered the manufacturer should be consulted in the first instance.

## 8. INSERT FLUE SYSTEM FOR INSTALLATION IN A ZERO CLEARANCE BOX FIREPLACE

DIMENSIONS IN MILLIMETERS  
UNLESS OTHERWISE STATED

### FASCADE / CHASE TERMINATION

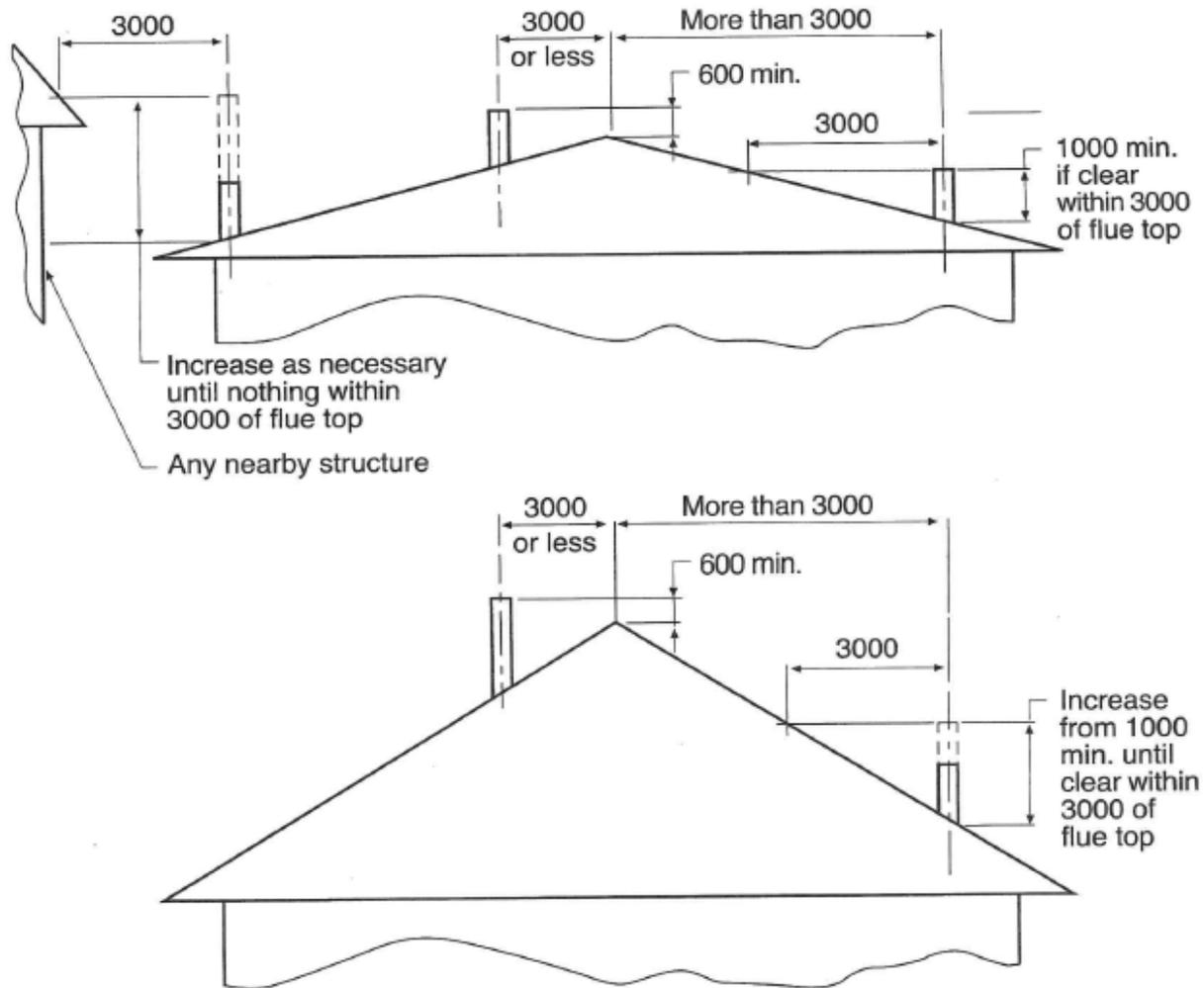


Please Note:

Flue system must comply to AS/NZS2918:2001 Section 4

1. The fascade capping must be made from a non-heat sensitive material i.e. 9.5mm Supalux or Hebel stone. Must be placed across the top of any wood framing.
2. The chimney flashing must have a 25mm free air clearance to the Ø250 outer casing, with a suitable oversize casing cover and a 250mm to 300mm spacer preventing the air gap from being closed. This permits air to freely flow from the fascade / chase cavity to atmosphere preventing any temperature rise within the cavity.
3. Fascade canopy must comply to all building regulations and section E2 of the building code.

## MINIMUM HEIGHT OF FLUE SYSTEM OUTLET



### NOTES:

1. The flue shall extend not less than 4.6m above the top of the floor protector.
2. The flue cowl must be at least 600mm above the highest point of the roof if within 3 metres of it, or 1 metre above the roof penetration if more than 3 metres from the ridge.
3. No part of the building, or any adjacent building may be in or above a circular area of a horizontal radius of 3 metres from the flue exit.

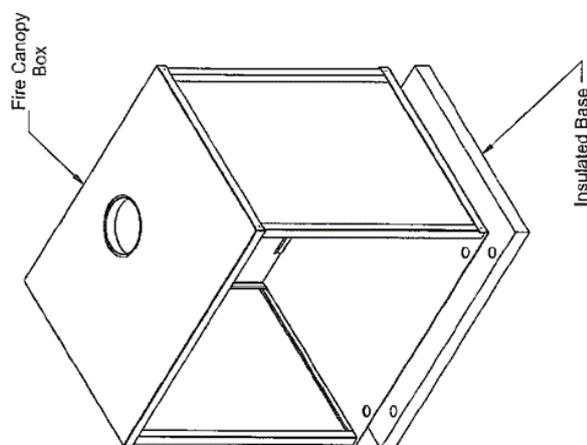
# 9. KOMPACT IN A ZERO CLEARANCE BOX

## BUILT-IN FIRE CANOPY

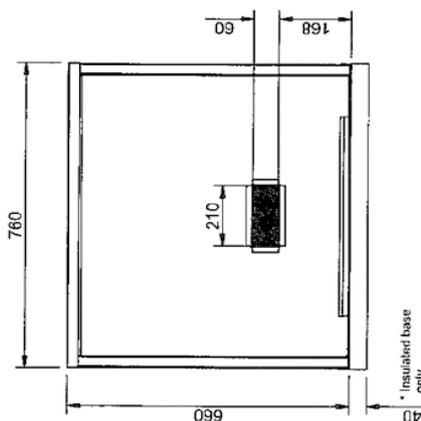
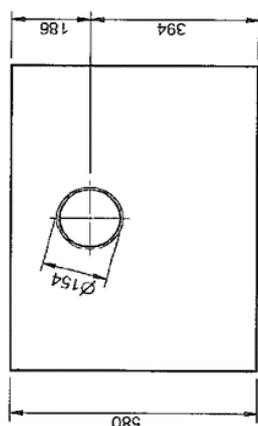
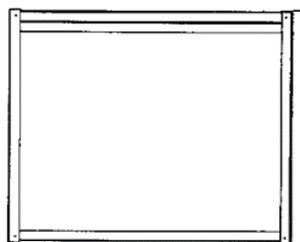
**A ZERO CLEARANCE BOX - (Built-in Fire Canopy) IS REQUIRED IF THE FIRE IS NOT BEING INSTALLED INTO A MASONRY FIREPLACE**

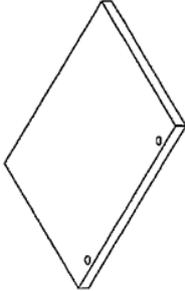
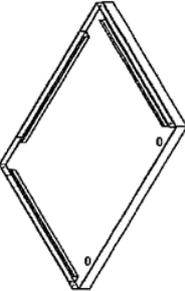
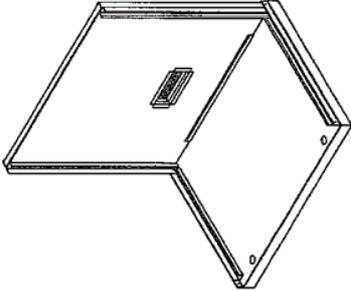
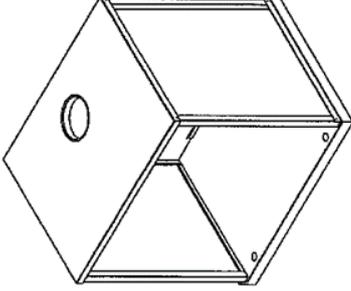
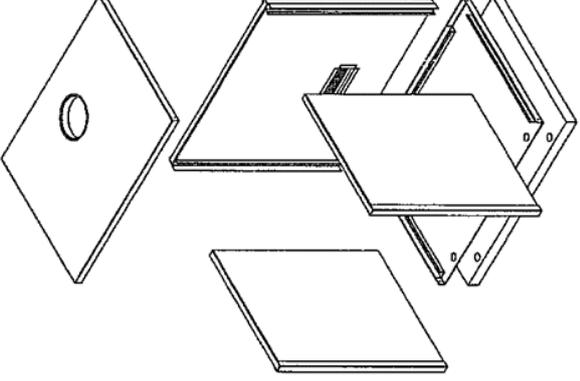
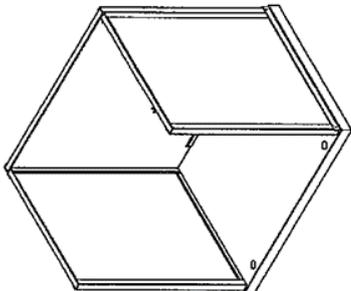
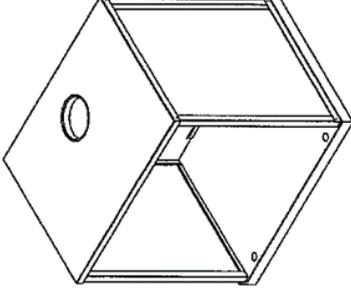
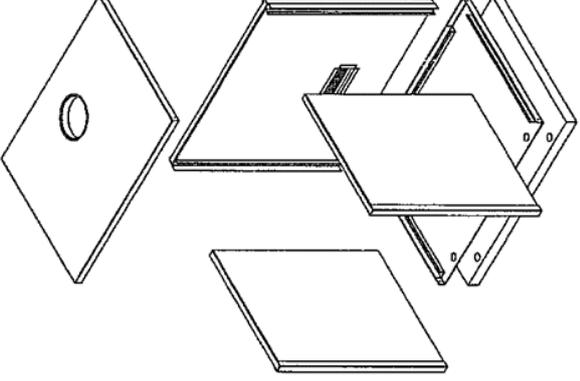
For Zero Clearance Box installations see the following pages 15 to 22

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**



TITLE  
BUILT IN FIRE CANOPY (Dimensions)

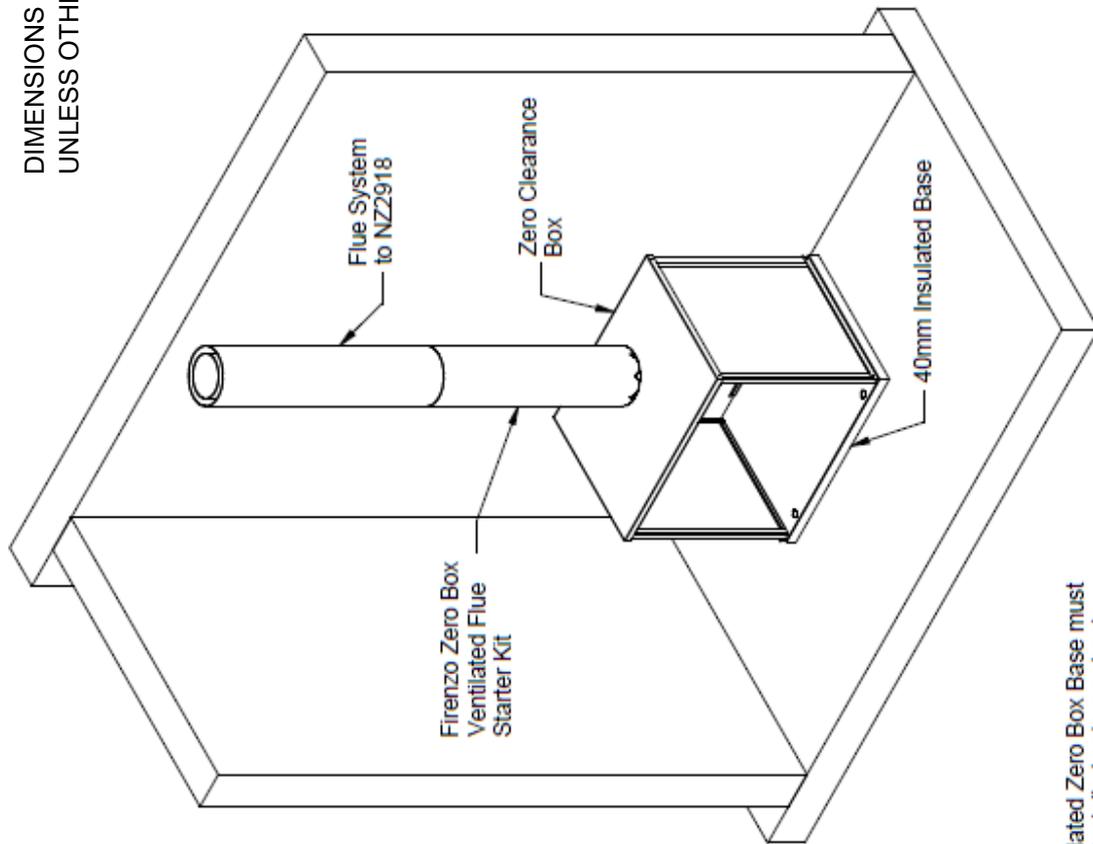


	<p><b>STAGE 1</b> Place Insulation Base on Combustible Floor</p>		<p><b>STAGE 2</b> Place Metal Base on top of Insulation Base Ignore Stage 1 for Non-Combustible Floors</p>		<p><b>STAGE 3</b> Position Rear Panel into Metal Base rear groove</p>		<p><b>STAGE 4</b> Position first Side Panel into Rear Panel and Metal Base Panel grooves</p>	 <p style="text-align: right;">Exploded View</p>
	<p><b>STAGE 5</b> Position second Side Panel into Rear Panel and Metal Base Panel grooves</p>		<p><b>STAGE 6</b> Place Top Panel in position, making sure to locate the Side Panels and Rear Panel into the Top Panel grooves. Secure by screwing panels together.</p>	 <p style="text-align: right;">Exploded View</p>				

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

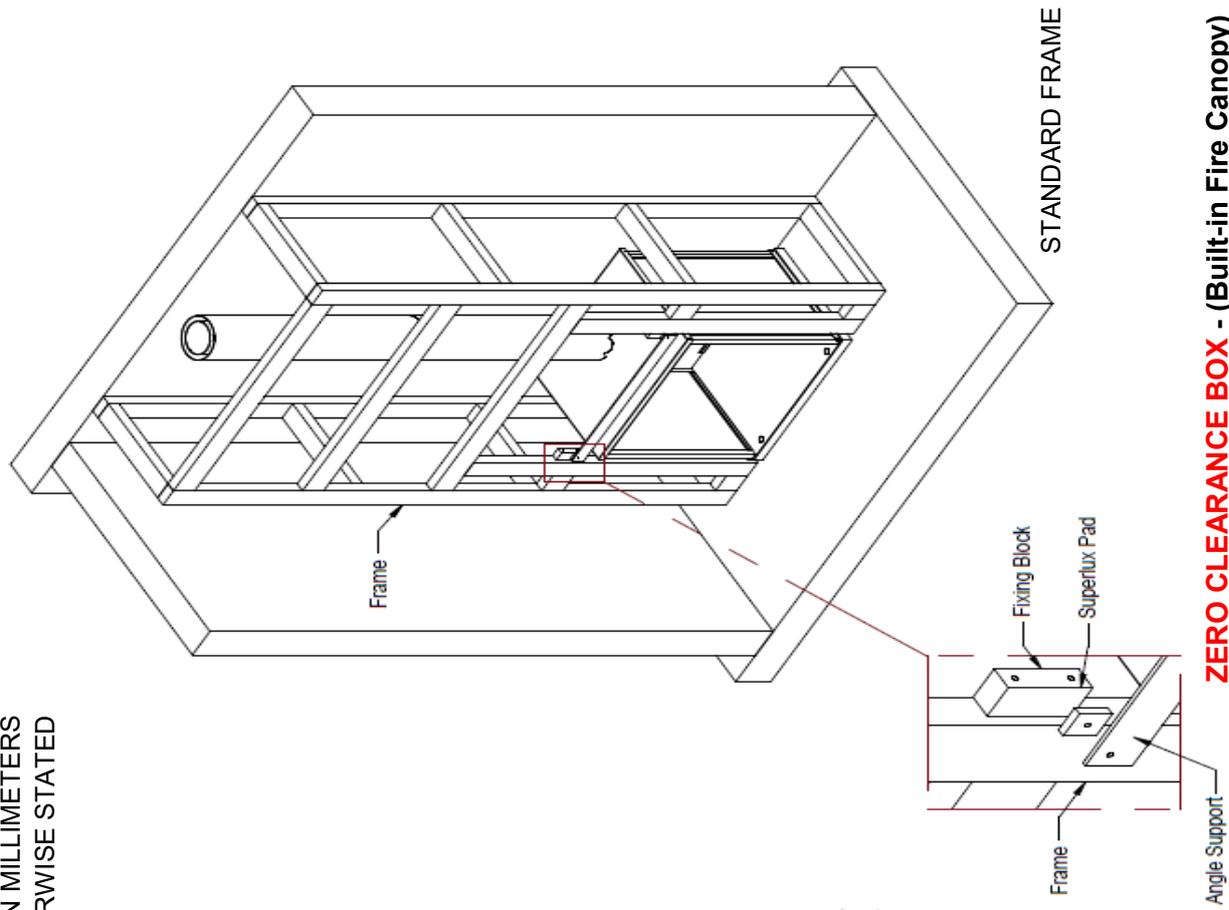
TITLE  
**BUILT IN FIRE CANOPY (Assembly)**

DIMENSIONS IN MILLIMETERS  
UNLESS OTHERWISE STATED

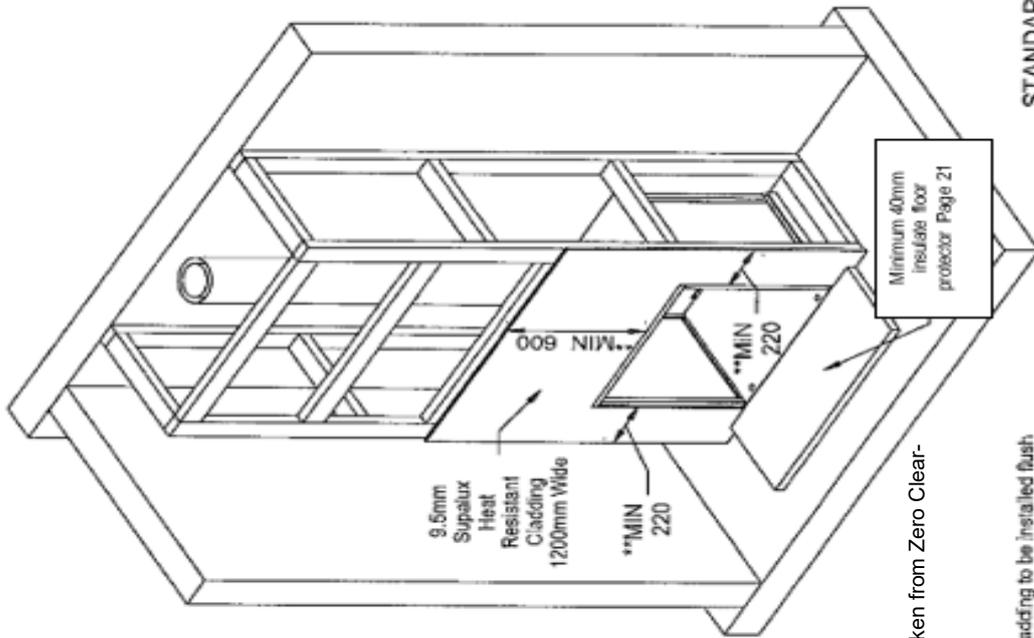
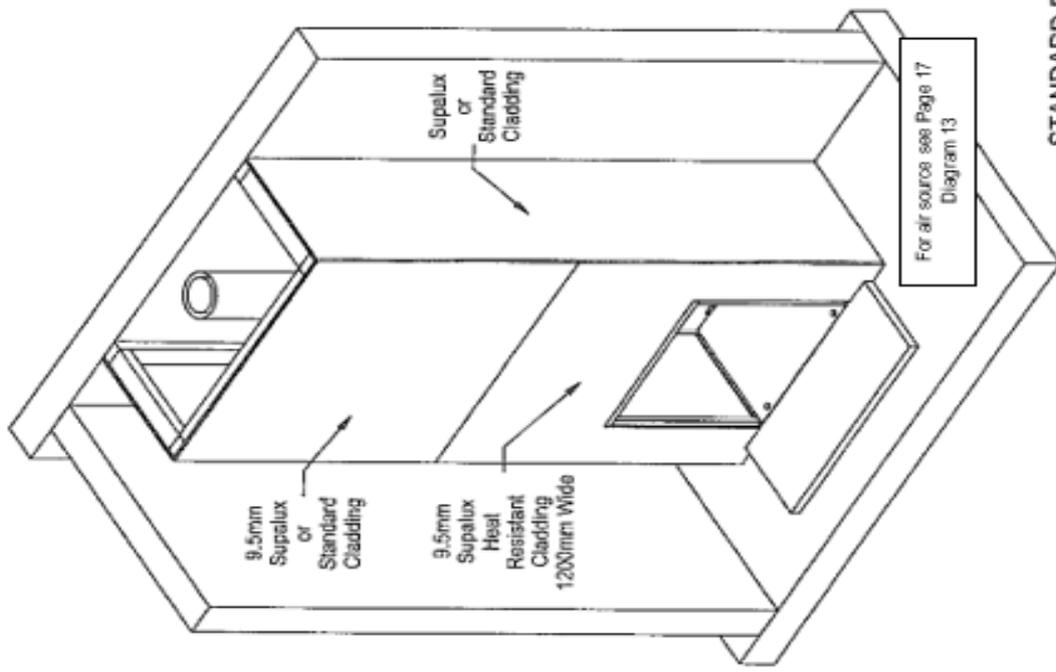


**NB - 40mm Insulated Zero Box Base must be fitted if installed onto any heat sensitive floor construction.**

The internal faces of the framework for the fire surround cavity must not be lined with building papers. Specifically no bitumen or paper based linings to be used in these areas.



**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

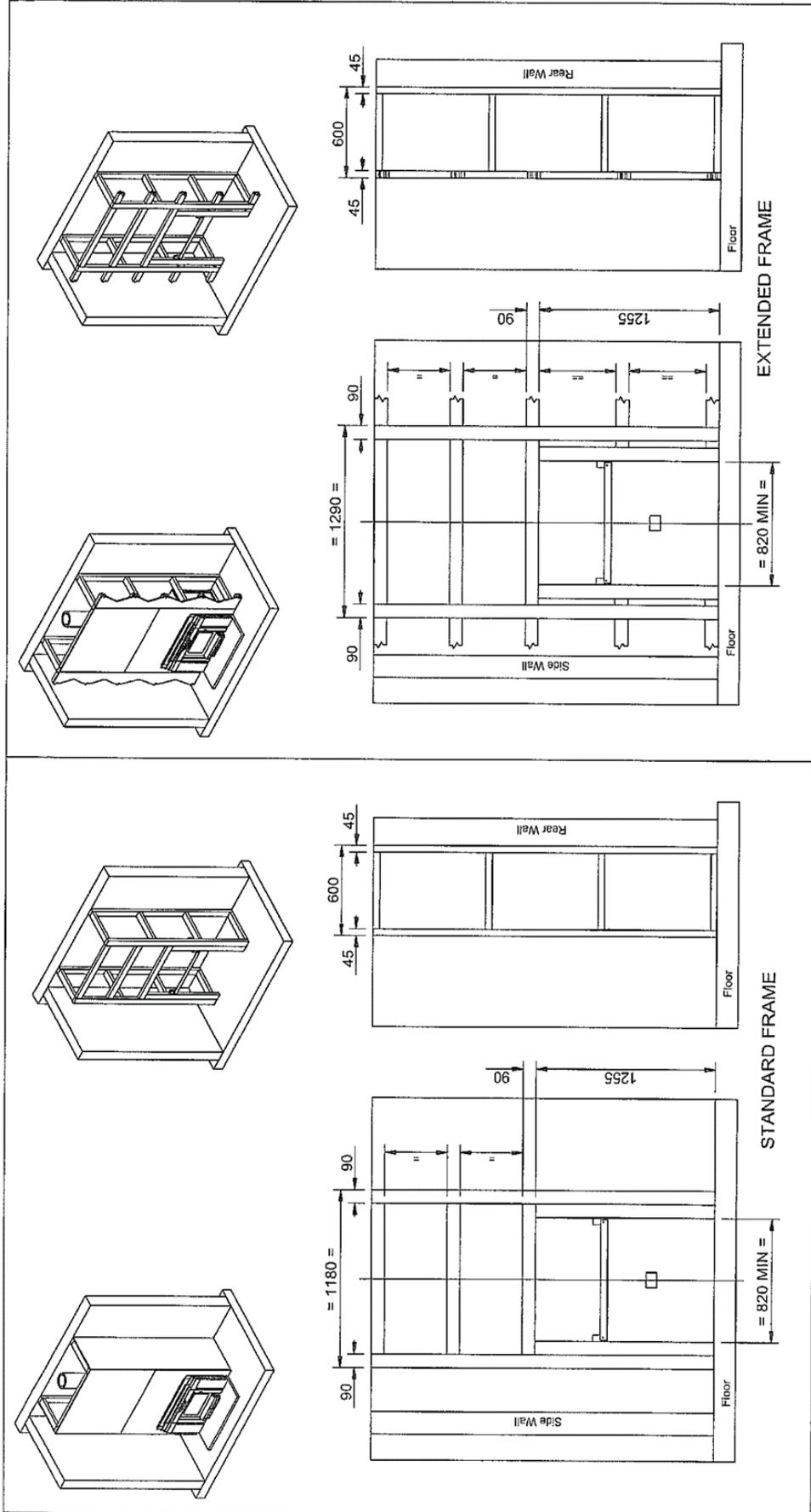


**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

\*\* Dimensions taken from Zero Clearance Box

NB - Supalux Cladding to be installed flush to sides and top of Built-in Fire Canopy Box.

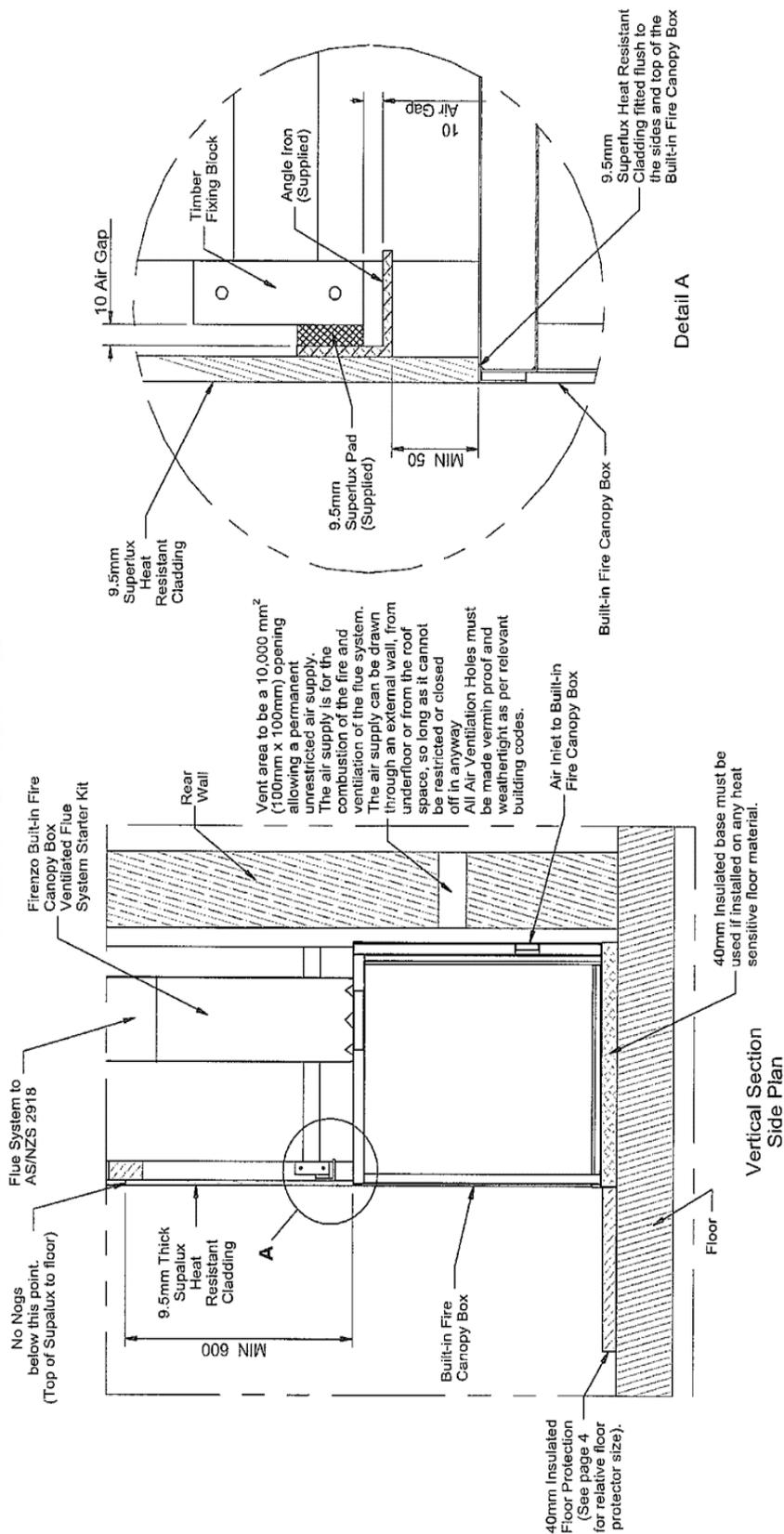
The internal faces of the new framework for the fire surround cavity must not be lined with building papers. Specifically no bitumen or paper based linings to be used in these areas.



TITLE  
**BUILT-IN FIRE CANOPY INSTALLATION**  
 DRAWING NUMBER  
**FRAMING GUIDE 3**

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

**DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE STATED**



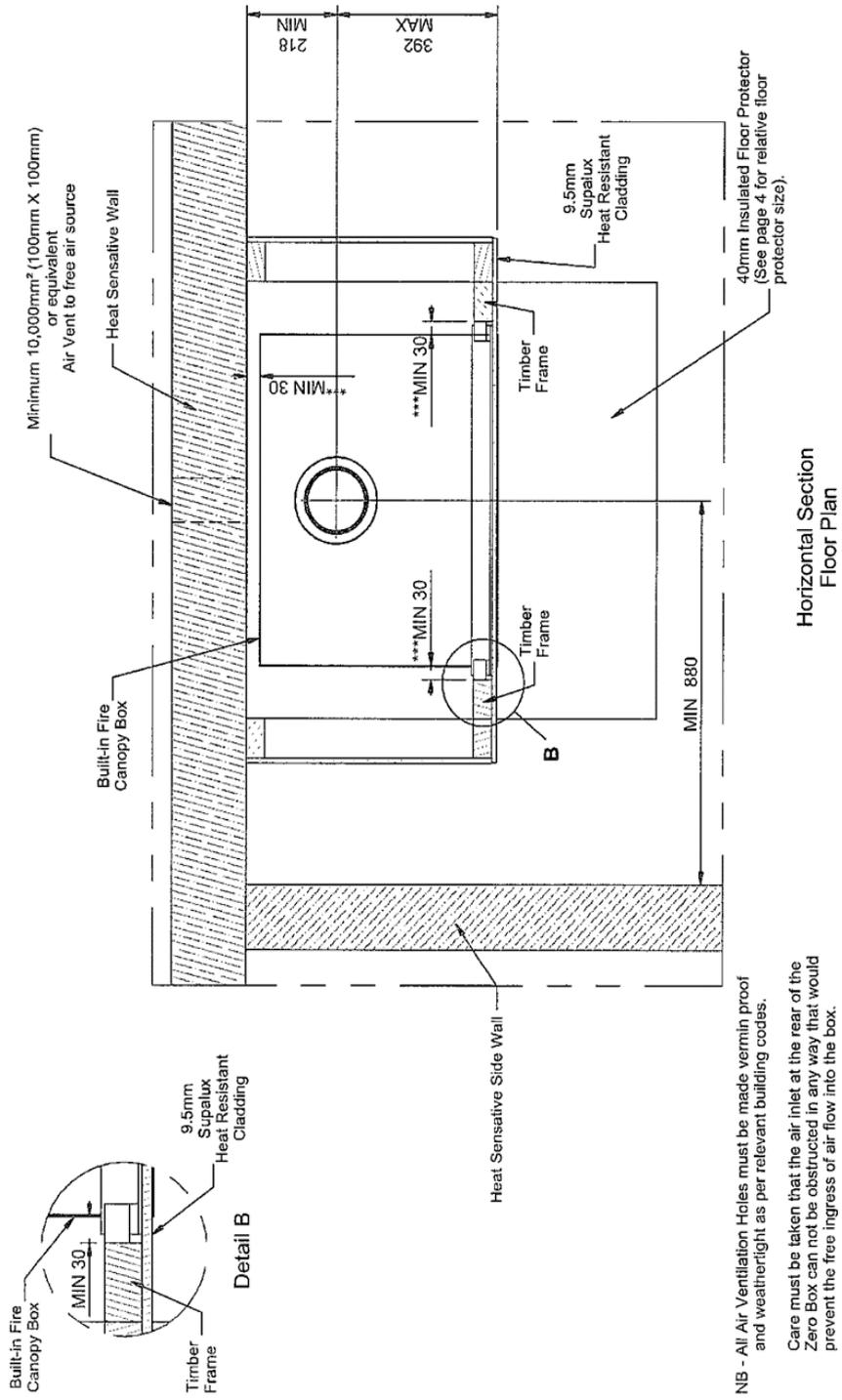
STANDARD & EXTENDED FRAME

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

TITLE  
BUILT-IN FIRE CANOPY INSTALLATION  
DRAWING NUMBER  
FRAMING GUIDE 4

NB - Care must be taken that the air inlet at the rear of the Built-in Fire Canopy Box can not be obstructed in any way that would prevent the free ingress of air flow into the box.

DIMENSIONS IN MILLIMETERS  
UNLESS OTHERWISE STATED



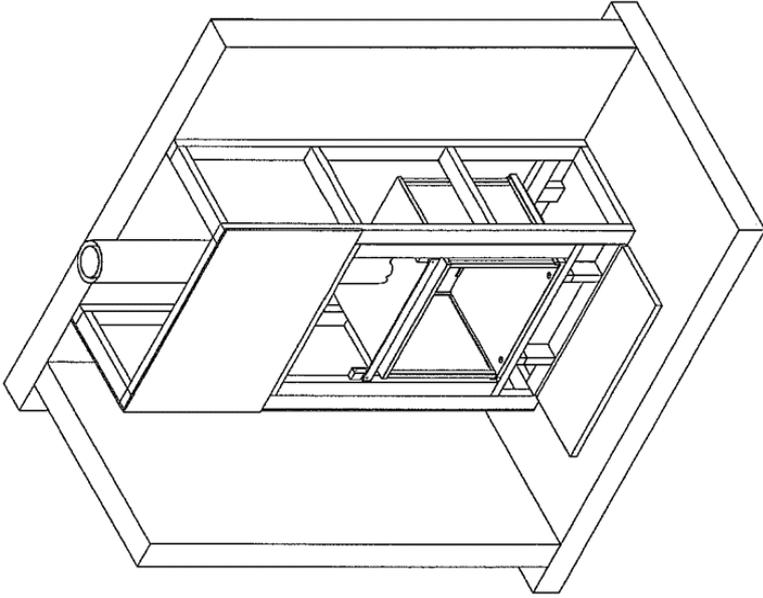
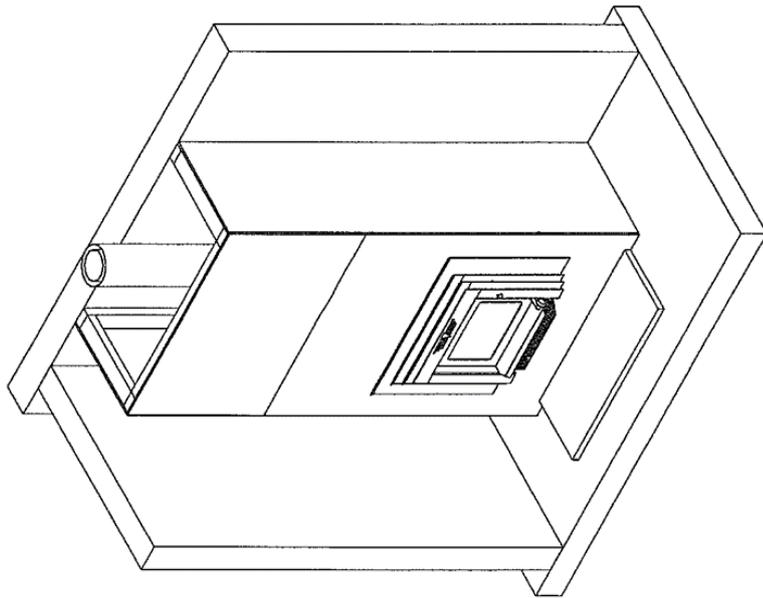
STANDARD & EXTENDED FRAME

TITLE  
**BUILT-IN FIRE CANOPY INSTALLATION**  
DRAWING NUMBER  
FRAMING GUIDE 5

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

NB - All Air Ventilation Holes must be made vermin proof and weathertight as per relevant building codes.  
Care must be taken that the air inlet at the rear of the Zero Box can not be obstructed in any way that would prevent the free ingress of air flow into the box.  
\*\*\*MIN 30mm gap measured from the Built-in Fire Canopy Box to the internal faces of the new framework, the rear wall or any heat sensitive material.

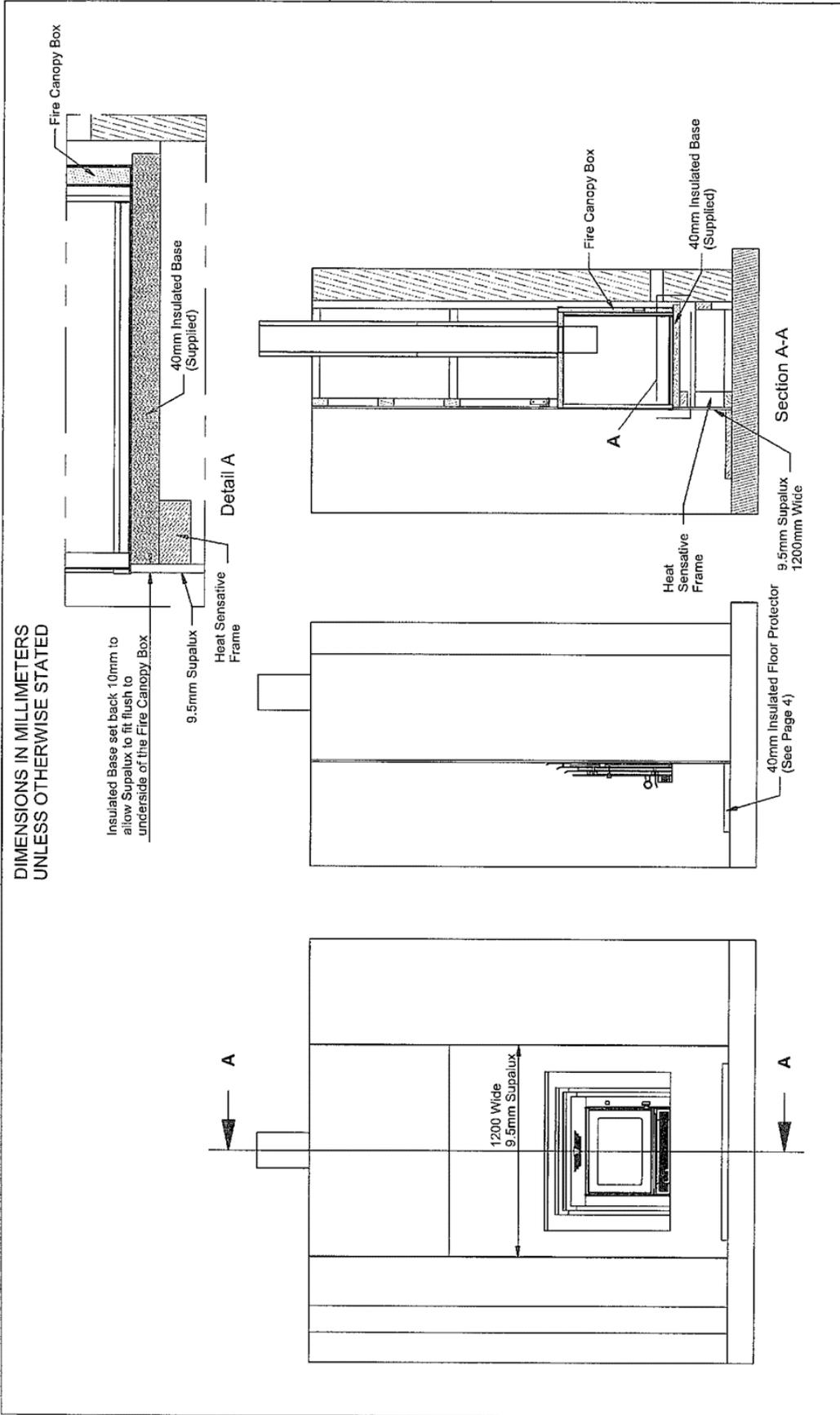
DIMENSIONS IN MILLIMETERS  
UNLESS OTHERWISE STATED



TITLE	RAISED BUILT-IN CANOPY
DRAWING NUMBER	FRAMING GUIDE 07

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

DIMENSIONS IN MILLIMETERS  
UNLESS OTHERWISE STATED



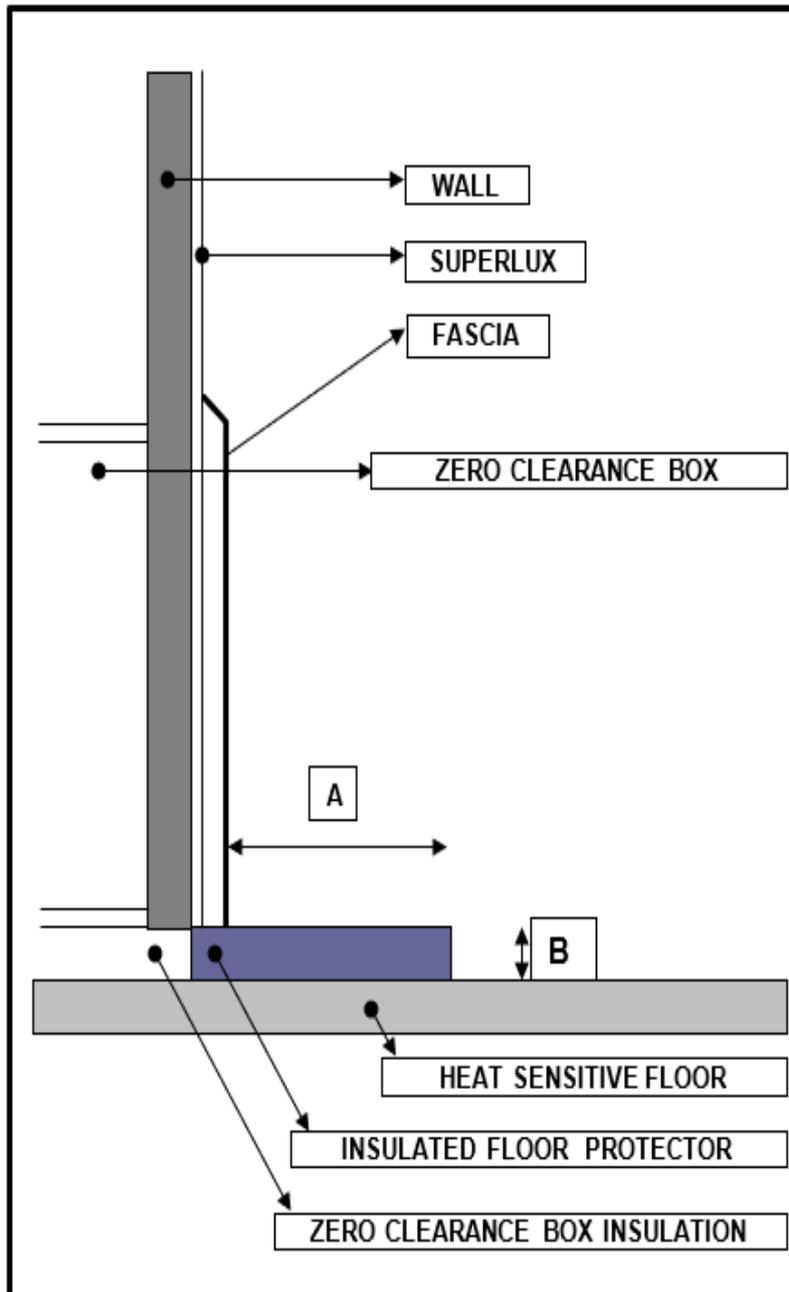
TITLE  
**RAISED BUILT-IN CANOPY**

DRAWING NUMBER  
**FRAMING GUIDE 06**

**ZERO CLEARANCE BOX - (Built-in Fire Canopy)**

## 10. FLOOR PROTECTOR REQUIREMENTS FOR A ZERO CLEARANCE BOX

### (BUILT-IN CANOPY FIRE) WITH HEAT SENSITIVE FLOOR



An **Insulated** Floor Protector (Hearth) must consist of a minimum of **20mm of Insulation board** (Promatec H, Eterpan LD, Pacbld Pro or product of similar thermal resistance) and tiles/slate or similar with sealed joints on top surface to protect from spilt ash/embers.

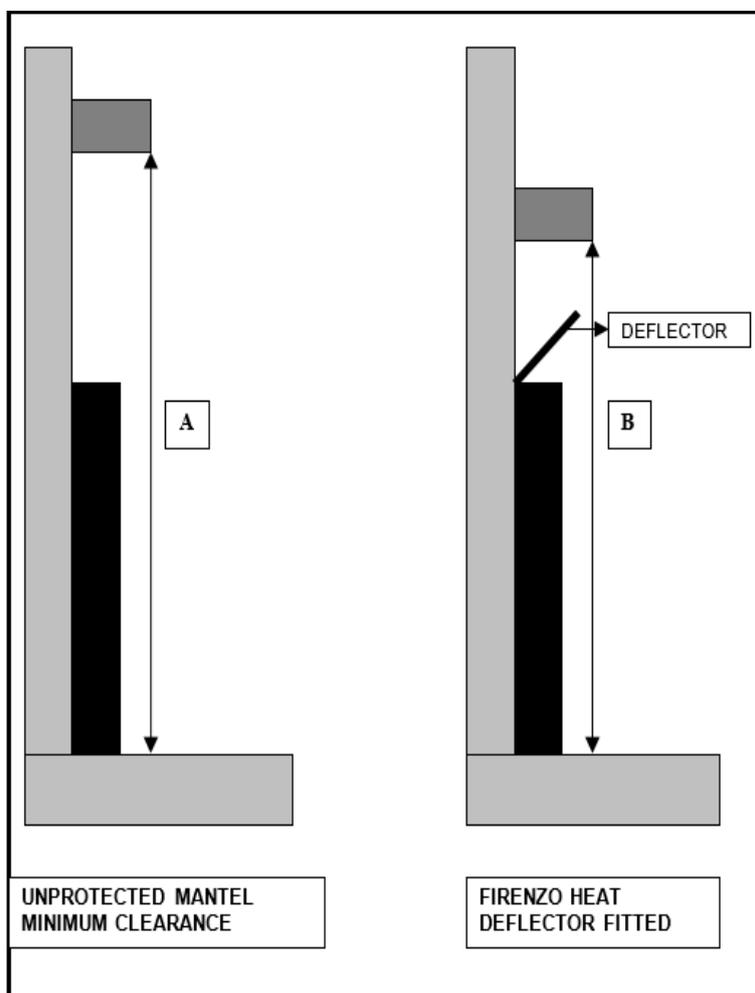
Dimensions **A** & **B** from above diagram must meet the following schedule:

<b>B</b> HEIGHT (mm)	<b>A</b> FROM FIRE BREAST
40mm	500mm

Minimum width of floor protector must be 840mm and/or 420mm from centre of **Fire**.

## 11. MANTEL CLEARANCE FOR A ZERO CLEARANCE BOX

If the mantel shelf on your fireplace is of a heat sensitive/combustible material the minimum distance from the floor protector is as follows. This may be reduced if a FIRENZO KOMPACT Deflector is fitted.



### Heat sensitive mantle no greater than 200mm deep

A Unprotected (not tested with deflector)

Kompact Athena    1180mm    "

B With Firenzo Deflector Only

Kompact Deco    1180mm    "

Kompact Diva    1180mm    "

Kompact Forte    1180mm    "

### Non-heat sensitive/non-combustible mantle no greater than 200mm deep

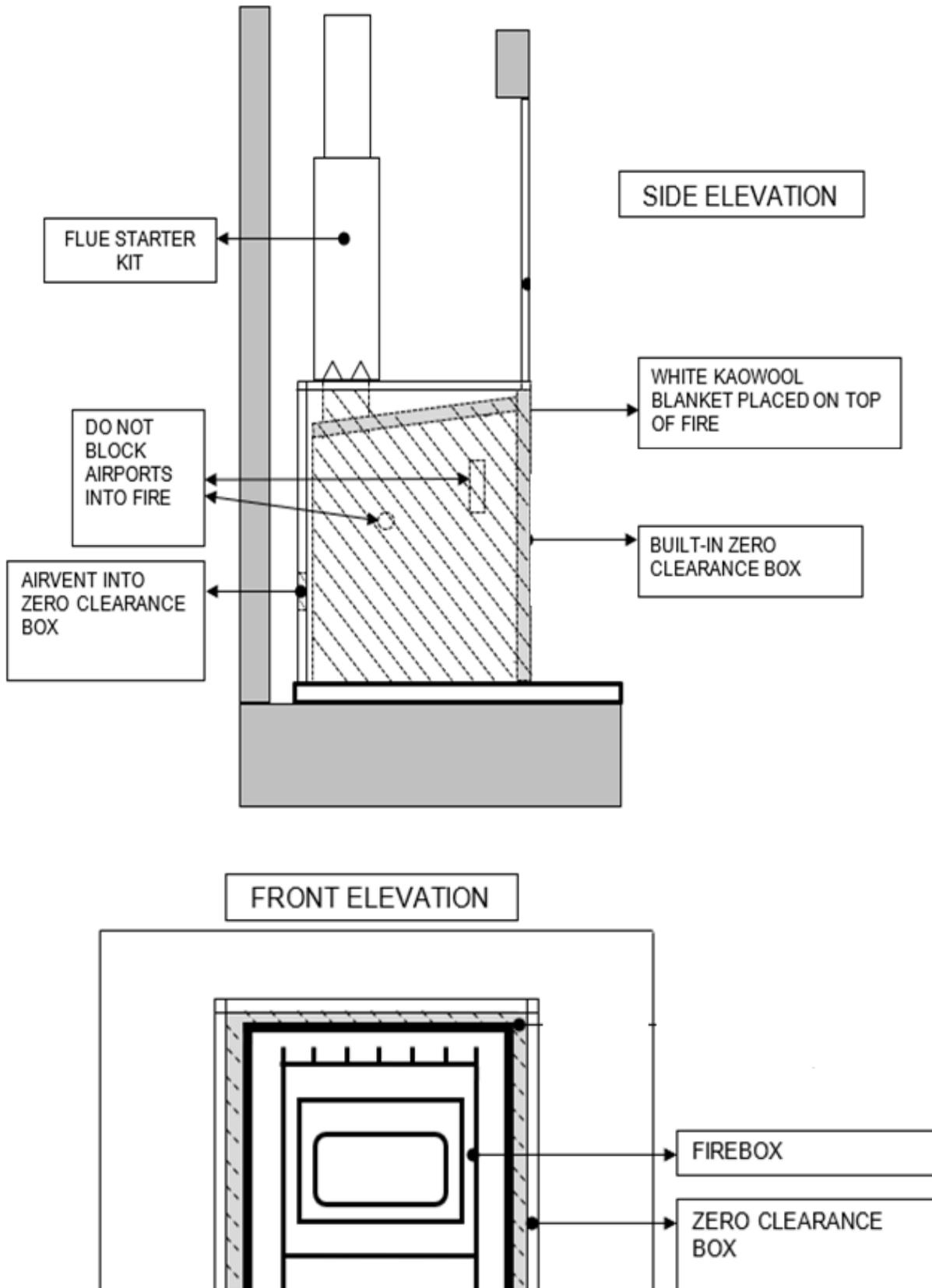
A Unprotected (deflector not required)

All Kompact fires    1180mm

### SIDE PILLAR CLEARANCE

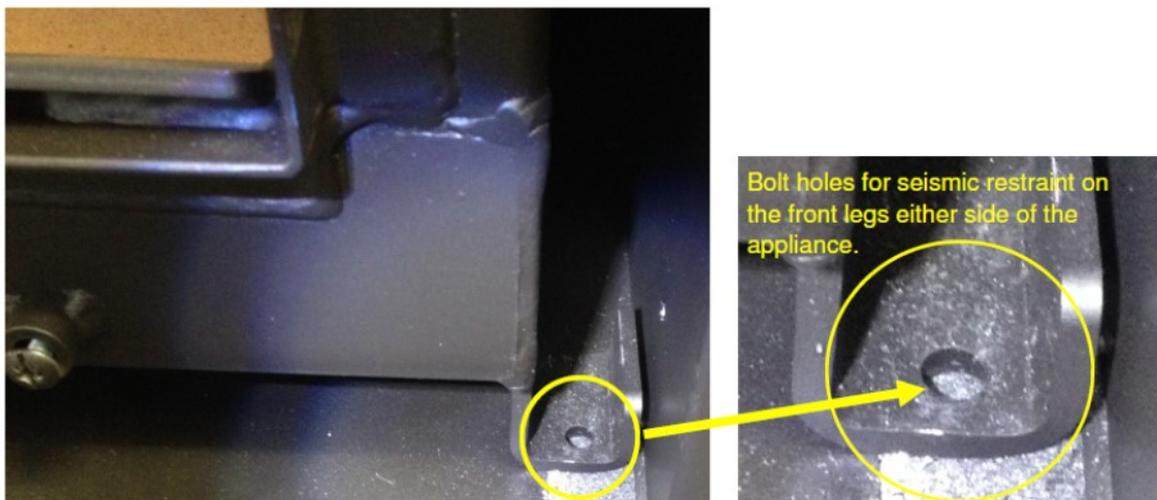
The **minimum clearance** from the side of the fascia to any heat sensitive material must be 5mm providing the material does **NOT** protrude more than **150mm**.

## 12. INSTALLATION OF KOMPACT FIRE IN A ZERO CLEARANCE BOX



## 13. ASSEMBLY INSTRUCTIONS

- 1 Carefully remove all packaging.
- 2 If installation is into a **ZERO CLEARANCE BOX - (Built -in Fire Canopy)**: Construct the Zero Clearance box and install into framework following the guides on pages 14 - 22 as applicable.
- 3 Before insertion into the masonry cavity or Zero Clearance Box - (Built-in Fire Canopy) **place 25mm white Kaowool blanket (supplied) on top of casing.**
- 4 Slide the firebox into the opening so that the outer casing return folds are flush with the front of the chimney chase.
- 5 Due to New Zealand being an earthquake prone country it is important to anchor the insert down in case of movement. Restraint points are provided through the fires two front legs. (See diagram below)



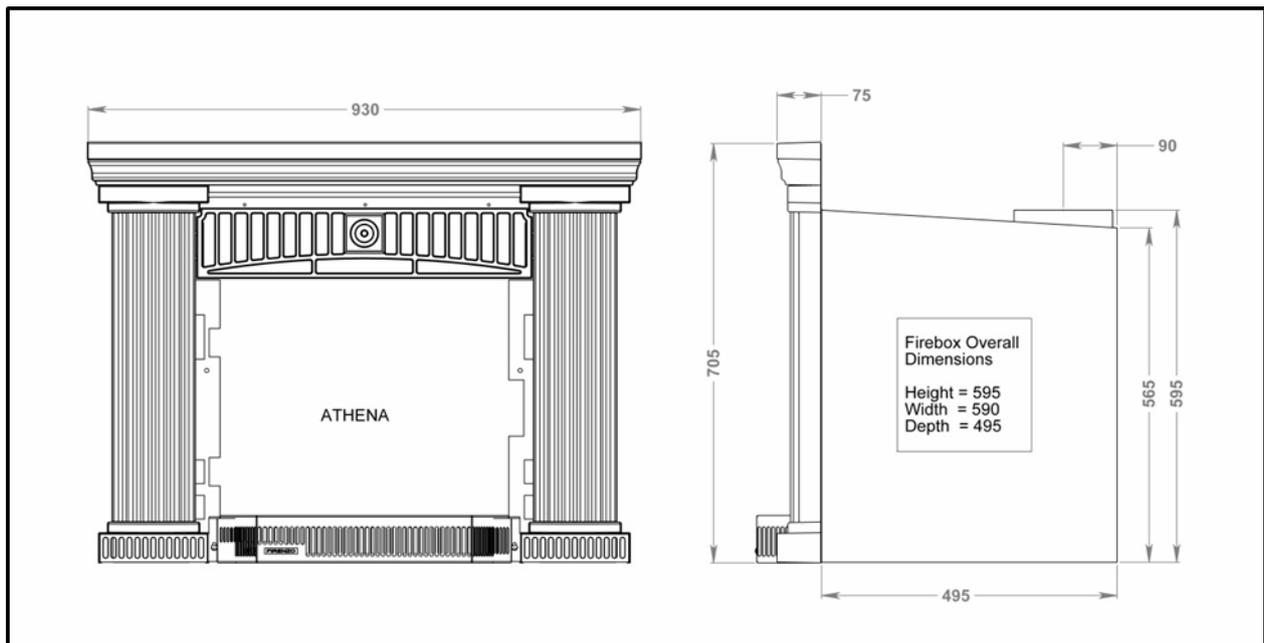
- 5 Install Flue as per instructions on pages 11 - 13.  
If using a Zero Clearance Box a triple skin flue system with Firenzo Starter is required.

**UNDER NO CIRCUMSTANCES SHOULD THE AIRPORTS ON THE SIDE OF THE FIRE BE RESTRICTED. Refer page 25.**

The Fire sources its combustion air from the false chimney cavity, not from the room where the fire is installed. See Page 19 for ventilation requirements. Failure to ensure this air supply will starve the fire of air and lead to poor performance.

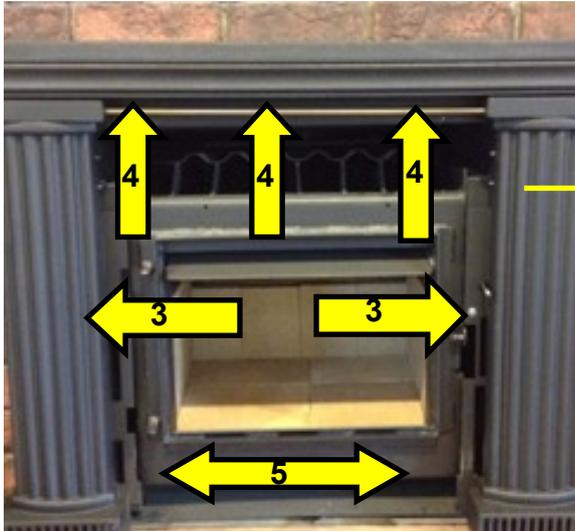
- 6 Assemble and fit the fascia as per instructions on pages 27 - 35.

## 14. KOMPACT WITH ATHENA FASCIA



## Assembly and Installation Instructions:

### KOMPACT with ATHENA FASCIA



1

Athena fascia  
without top grill

Bottom Grill



3

1. Remove Door.
2. Position Athena fascia against the canopy and fix the 50mm screws (3) Secure the top of the fascia with the three 15mm self tapping screws (4) (provided in the fascia pack).

4. Fit the bottom grill on to the 2 locating screws.



2

Athena Ashlip

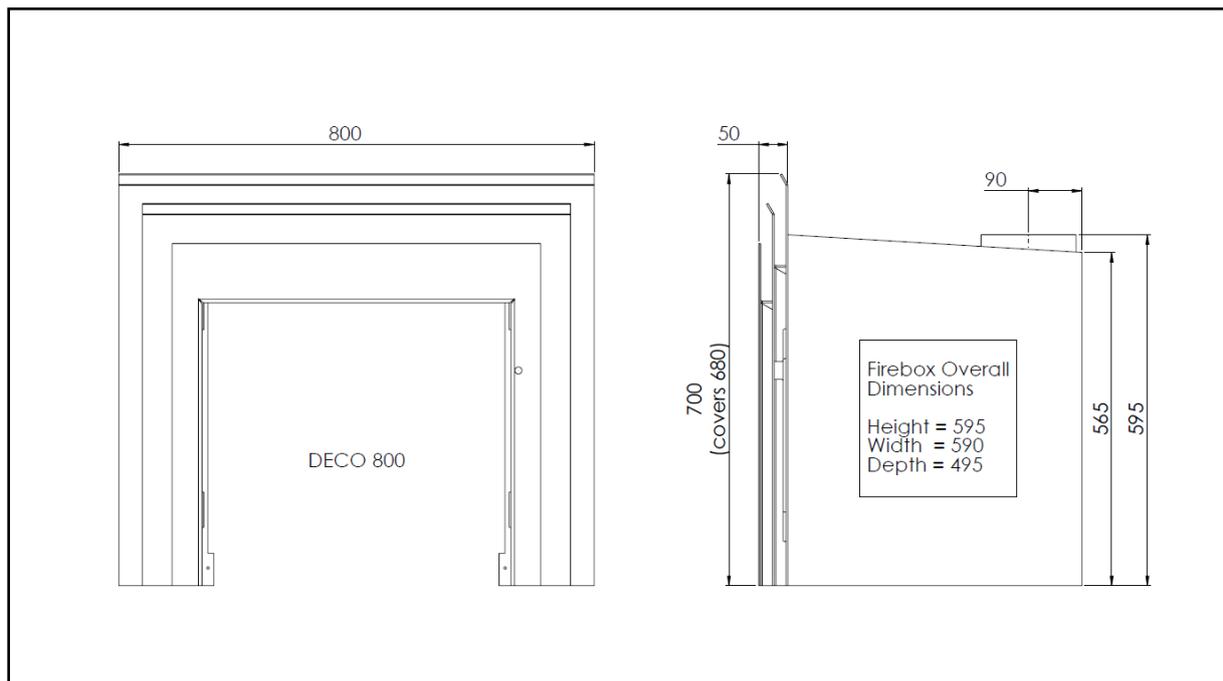
- 3 Remove the granite ashlip from the fascia box and fit below the door opening using the two locator screws at the bottom of the firebox (screws for granite ashlip (5) see illustration 1).  
These two screws protrude by 5mm to enable the ashlip to be lifted up and over the screw heads and then screw up tight.



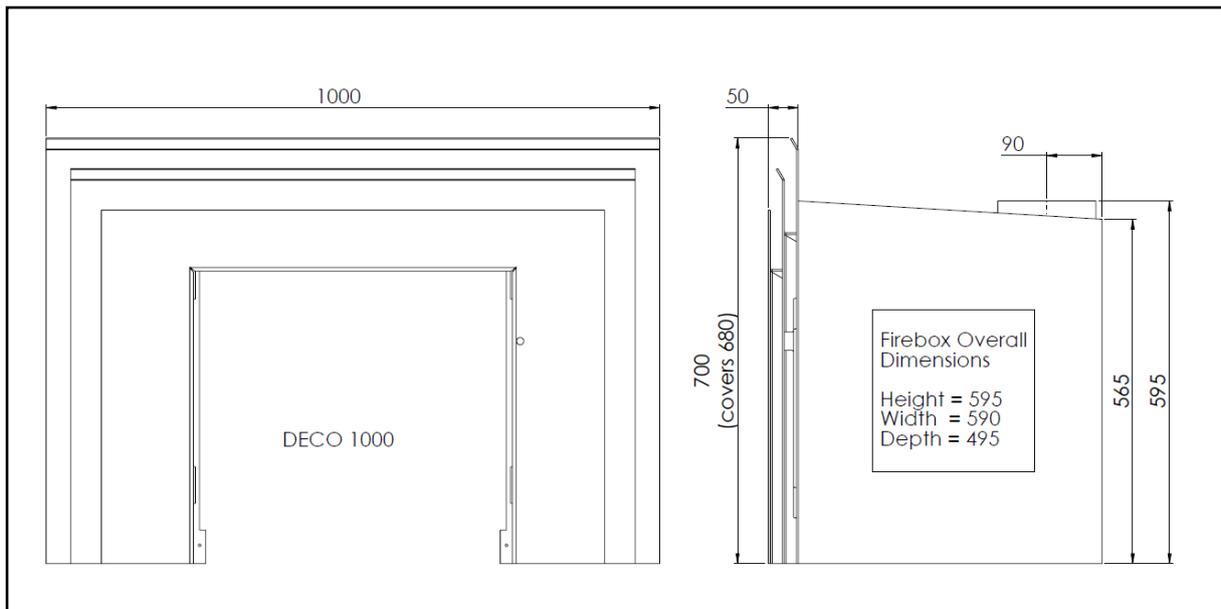
4

5. Fit the top grill (cast iron).  
Fit the air control knob (6).  
Finally fit the door. Locate the hinges correctly by angling the door at approximately 45 degrees.

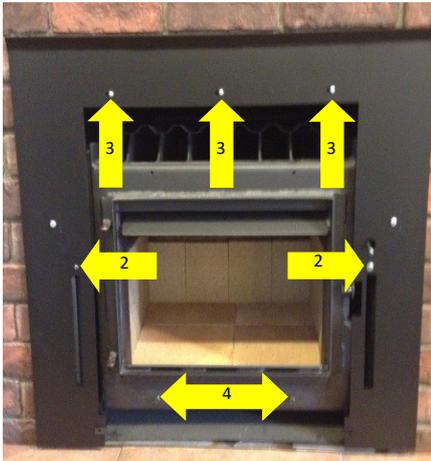
## KOMPACT WITH DECO 800 FASCIA



## KOMPACT WITH DECO 1000 FASCIA



## Assembly and Installation Instructions: KOMPACT with DECO Fascia



**1**

1. Remove door.

2. Place the single back plate of the fascia against the firebox. Replace the 50mm screws (2) in the outer clips of the fire box securing the backplate.

Secure the top of the backplate with self tapping screws (3).



**3**

3 plate Deco fascia

Air control rod and knob

Deco door

4. Install the middle panel by aligning the hooks with the slots on the back panel and lowering it down onto the tabs.

5. Install the front panel by aligning the hooks with the slots on the back panel and lowering it down onto the tabs.

6. Fit the air control extension rod and the air control knob.

7. Finally fit the door. Locate the hinges correctly by angling the door at approximately 45 degrees open.



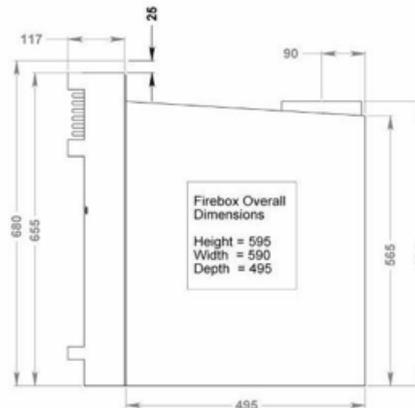
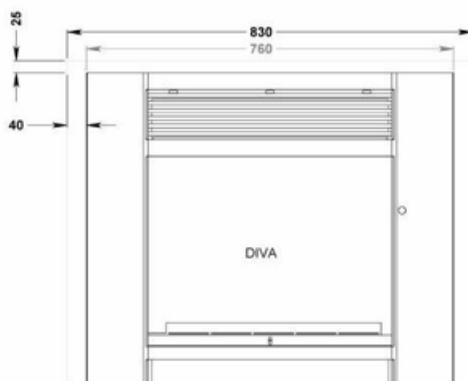
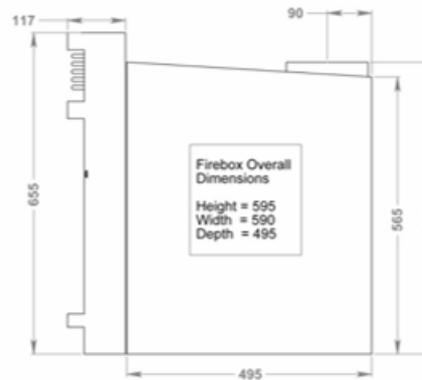
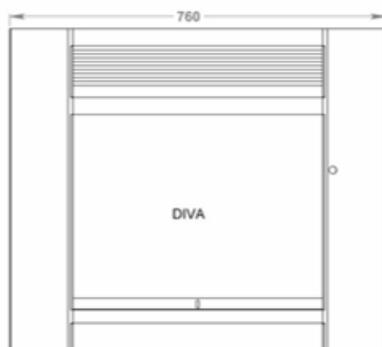
**2**

3. Remove the granite ashlip from the fire and fit below the door opening using the two locator screws at the bottom of the firebox (Screws for granite ashlip (4) see illustration (1)).

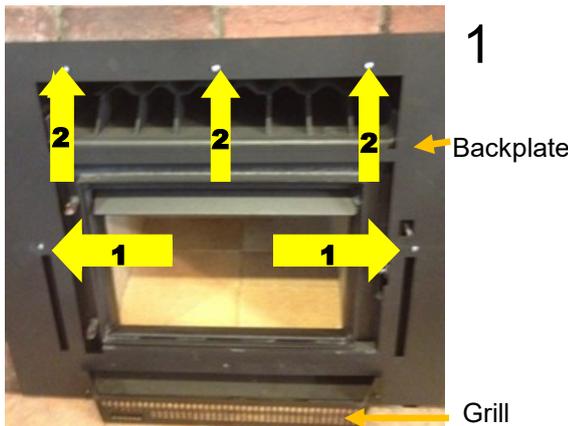
These two screws protrude by 5mm to enable the ashlip to be lifted up and over the screw heads and then screw up tight.

Attach the bottom grill to the back panel using self tapping screws.

## Assembly and Installation Instructions: KOMPACT with DIVA Fascia



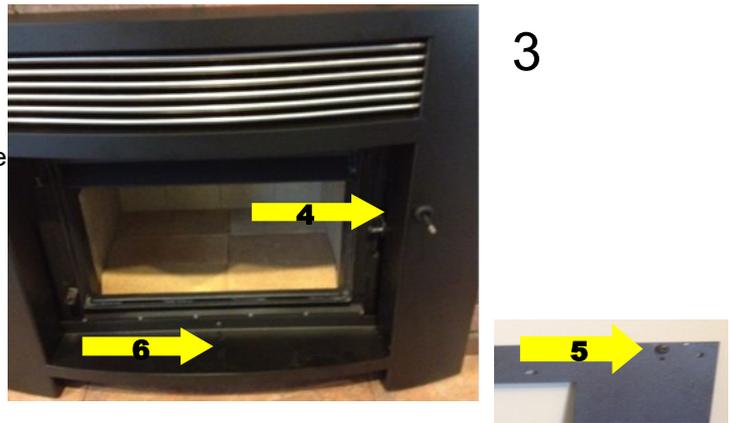
## Assembly and Installation Instructions: KOMPACT with DIVA Fascia



### 1. Remove door.

Place the backplate with bottom grill attached against the canopy (lips facing inwards) and replace the 50mm screws (1) in the outer clips on the firebox.

Secure the top of the backplate with the three 15mm self-tapping screws (2) (provided in the fascia pack).



3. Place the Diva fascia against the backplate guiding the extension to the air control rod into the 'boss' (4) (the control rod hole in the fascia). Next lift, then lower in place over the pre-fitted screws (5) at the top of the backplate.

Secure the lower part of the fascia with the single 15mm self tap screw below the door opening (6).



2. Add the extension (3) (provided in the fascia pack) to the air control rod



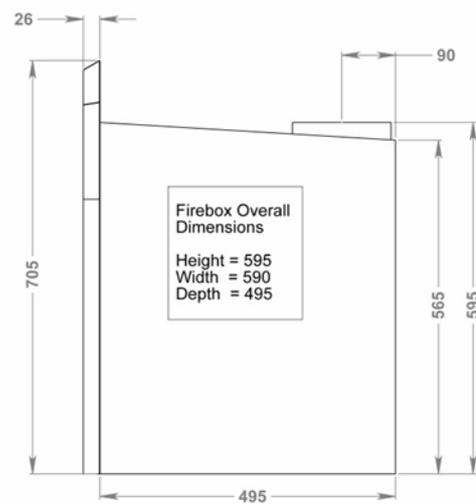
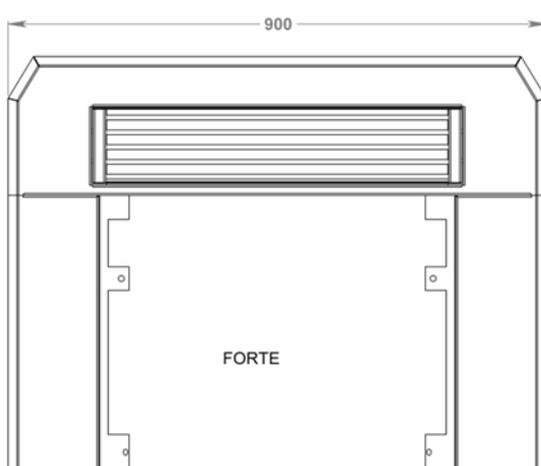
4. Fit the air control knob (7).

Fit the granite ashlip (8) (provided) by securing it to the bottom support plate by inserting the locking pin on the support plate into the hole on the bottom of the granite ashlip.

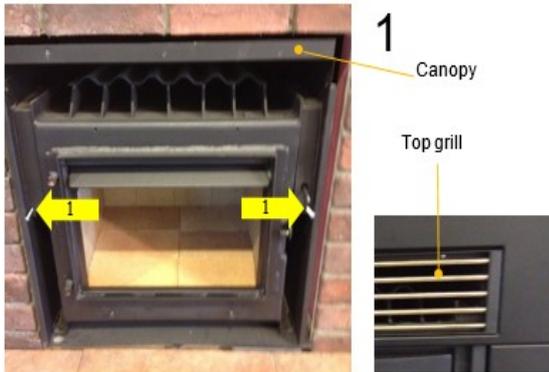
Finally fit the door. Locate the hinges correctly by angling the door at approximately 45 degrees.



## KOMPACT WITH FORTE FASCIA



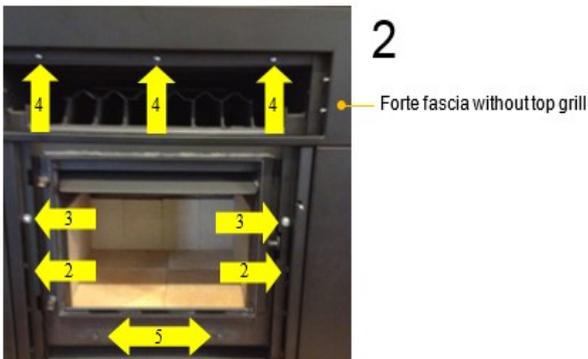
## Assembly and Installation Instructions: KOMPACT with FORTE Fascia



1. Remove all items from packaging and separate by releasing the bottom grill screws. Remove door. Then remove the two 50mm screws (1) located one on each side of the door opening. Remove the top grill from the Forte fascia.



3. Refit the top grill. Remove the granite ashlip from the fascia box and fit below the door opening using the two locator screws at the bottom of the firebox (Screws for granite ashlip (5) see illustration 2). These two screws protrude by 5mm to enable the ashlip to be lifted up and over the



2. Position the Forte fascia against the canopy. Position the infills (2) on each side of the door opening taking care to position the air control rod through the 'boss' on the right side of the door. Replace the 50mm screws (3) in the outer clips of the fire box securing the fascia and the infills. Secure the top of the fascia with the three 15mm self tapping screws (4) (provided in the fascia pack).



4. Fit the air control knob (6). Fit the bottom grill. Finally fit the door. Locate the hinges correctly by angling the door at approximately 45 degrees.

## 15. OPERATING INSTRUCTIONS

**PLEASE READ FULLY BEFORE PROCEEDING ANY FURTHER.  
KEEP THIS BOOK IN A SAFE PLACE.**

Please refer to “**Lighting your Firenzo Woodfire Insert Fire**” leaflet

### **FIRST BURN**

On the INITIAL LIGHTING only, the high temperature paint finishes used on your Fire will give off smoke and odour for several hours. As this is a temporary condition, open doors, windows, etc. to give adequate ventilation until passed.

1. Prepare fire by placing crumpled paper in middle of firebox. Do not use a grate, or elevate fire. Build fire directly on floor of firebox.
2. Pull **air control knob out fully for high** (this is the small knob to the right of the door)

**AIR CONTROL OUT = HIGH.**

**AIR CONTROL KNOB IN = LOW**

3. Arrange dry kindling in “tepee” style with larger pieces standing up on each side. Ignite paper leaving door ajar until kindling is alight.
4. When vigorous flaming of the kindling subsides and embers begin to appear, reload with larger wood, placing them in a side to side configuration.
5. Open door carefully and place small pieces, then larger logs on top.
6. Close door tight and leave Air Control on HIGH for some 30 minutes. The value in establishing this technique is that you are providing an excellent base for burning your wood effectively.
7. When a good fire is established move air control to middle position. **DO NOT IMMEDIATELY SHUT THE FIRE TO LOW.** Remember to close the air control gradually to your desired level of heat output. It is better to take 3-4 adjustments to get to the low setting (extended burn).

### **RELOADING**

**WARNING: It is necessary to move the Air Control to HIGH before opening the door.**

Never open the door when a vigorous fire is in progress. Wait until the flames have subsided and the wood has broken up into glowing embers. Reload with dry logs, placing them in a side to side configuration

Leave the air control in the HIGH position for 10 to 15 minutes or until the flames begin to subside. This shows that the initial highly volatile wood gases have been driven off and the Fire will be able to maintain an even burning rate.

Normally a light load of fuel will stabilize quickly but a full load will take longer. Once the burning rate has stabilized move the Air Control to a medium position.

## RE-LOADING AFTER AN EXTENDED BURN TIME

At the end of an extended burn, re-establish the fire by adding a few small split logs, adjust the Air Control to HIGH and allow the firebox temperature to build up before adding the balance of the fuel, **loading logs in a side to side configuration.**

The addition of large quantities of cold fuel to a low fire will reduce the firebox temperature dramatically and this may result in 'losing' the fire.

Proceed with fire as before.

Do NOT operate the Fire with the door constantly open, this overrides the Air Control System and greatly lowers optimum heat output and efficiency.

### **FUEL:**

Dry, seasoned soft wood should be used at all times with a moisture content of less than 25% dry weight.

The heat output level on the Fire is controlled not only by the Air Control but also by the type and quantity of fuel in the firebox.

A fully loaded firebox set to HIGH will produce far more heat than an almost empty Fire set at the same position. Remember, you only get out of any Fire what you put into it. The better the fuel, the better the Fire

Do NOT burn plastic, household refuse or driftwood. This will void any Warranty and reduce the lifespan of the fire.

### **FLAMMABLE LIQUIDS**

**CAUTION:** Never use gasoline-type fuel, kerosene, charcoal lighter fuel or similar liquids to start or 'freshen-up' a fire in this Fire.

### **CLEANING THE ASHES FROM THE FIRE**

#### **Disposal of Ashes:**

Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from all combustible materials, pending final disposal, if the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled.

A LAYER OF ASH AT LEAST 25MM DEEP SHOULD ALWAYS BE LEFT IN THE BOTTOM OF THE FIREBOX AND IT WILL ALSO ACT AS 'INSULATION' FOR THE FIRE.

**WARNING:** DO NOT REMOVE EXCESS ASH FROM THE FIREBOX BY VACUUM UNLESS THE FIRE HAS BEEN OUT FOR 5 OR MORE DAYS - EMBERS WILL SMOULDER FOR SEVERAL DAYS AND WILL IGNITE VACUUM CLEANER BAGS.

## **16. MAINTENANCE**

### **FLUE**

Creosote is caused by burning wet fuel, leaving particles and condensation to build up on the inside of any closed solid fuel Fire. Creosote and soot left to build up can cause decreased heat performance and flue fires. Your heating retailer or local reputable chimney sweep will be able to assist with flue cleaning.

### **SECONDARY CHAMBER**

The baffles (horizontal bricks in the ceiling of firebox) are critical to the Fires performance. They should be checked annually during flue cleaning and replaced if signs of deterioration are evident.

### **DOOR HANDLE AND HINGES**

Light lubrication is recommended once a year before the first autumn burn. Use a little GRAPHITE grease, available from any garage or engineering outlet.

### **PAINTWORK (ATHENA CASTINGS)**

If any scratches or surface marks have appeared on the paintwork, use 'Stovebright' Metallic Black paint to retouch, taking note of the manufacturer's instructions for spraying. Never spray a hot fire.

### **BLACK OR SILVER PLATED RAILS**

The black or silver plated rails must not come in contact with abrasive materials. Use a clean damp cloth when the Fire is cool, if cleaning is required.

### **FIRE BRICKS**

The internal fire bricks on the sides and base of the firebox can crack in extreme heat. However they are safe to leave as is until they start to crumble in which case they should be replaced.

### **FIRE ROPE**

As part of general maintenance the door rope and glass tape should be checked and replaced regularly. Failure to do this may overfire your fire.

### **WELDS**

The 5mm exposed steel sill and deflector in the fire box is welded on each side but primarily to the firebox underneath. With expansion and contraction the side welds develop hairline cracks. Do not be alarmed the main weld is sound and the Fire will not be effected in any way. Any hairline cracks are not a structural problem

### **INTERNAL DISCOLOURATION**

A brown (rust like) colouration will develop on the exposed inside of the fire box. This is expected over time and does not affect the performance of the fire.

## 17. DOOR GLASS

The inserts are equipped with a self-cleaning glass air wash system. A discolouration can form after a long 'low' burn, but 30 minutes of 'high' burn should clear it from the glass.

**Clean glass with wet newspaper dipped in ash from the firebox, then wipe glass.**

**Do NOT clean glass while hot.**

**CAUTION: THIS FIRE SHOULD NOT BE OPERATED WITH A CRACKED GLASS.**

If a replacement of glass is required:

**GLASS MUST BE REPLACED WITH FIRENZO CERAMIC GLASS.**

Insulating material for the glass should be replaced at this time also.

**NEVER** place glass directly against the door. Without the insulation seal tape in place, the glass is likely to shatter. Your Firenzo agent will be able to supply any spare parts.

## 18. SAFETY

All surfaces on the inserts will get hot and cause burning if touched by bare hands.

Firenzo recommends using a fireguard.

The heat from inserts will effectively dry laundry and other wet articles; however such materials should be kept well clear of the Fire to prevent accidental fires.

The Flue should be cleaned regularly to avoid flue fires. In such event, close the air control. Do **NOT** open door. Remove combustible item from near the Fire and Flue.

## 19. WARRANTIES

Terms applicable to Firenzo Woodfires' warranties (current as at 29<sup>th</sup> May 2015):

1. Hewitsons Limited (company number 569753) with a specified address of 98 Niven Street, Onekawa, Napier (Firenzo) and trading as Firenzo Woodfires give:
  - a ten (10) year warranty but **ONLY** for the steel firebox, fascia's and cast iron components of all Firenzo Woodfires.
  - a one (1) year warranty for all other parts and finishes of a Firenzo Woodfire including its refractory linings, glass, air supply components, wetback, seals, tapes and extrusions.
2. The warranty periods commence on the original date of sale of the relevant Firenzo Woodfire to a consumer (please see paragraph 5).
3. The warranties are given in respect of any defects in the specified Firenzo component parts and materials and Firenzo workmanship that render the component parts and materials unfit for normal domestic use.
4. The warranties have qualifying limitations, restrictions and conditions attached to them. Please see paragraphs 5, 6, 7, 9 and 13.
5. Firenzo Woodfires gives the warranties only to New Zealand consumers as defined in the Consumer Guarantees Act 1993. Please also see paragraph 16. The warranties are additional to the rights available to consumers against the manufacturer under the Consumer Guarantees Act 1993. To the fullest extent permitted at law, no other warranties or guarantees, express or implied, are assumed or given by Firenzo Woodfires to any person with respect to the quality, merchantability, description or fitness for purpose or use of Firenzo Woodfires or their component parts and materials.
6. Firenzo Woodfires is not liable for, and to the maximum extent permitted by law excludes any liability for, any consequential loss or damage arising out of the installation, ownership or use of a Firenzo Woodfire. To the extent such liability cannot lawfully be excluded, Firenzo Woodfires' liability is limited to the purchase price paid for the Firenzo Woodfire.
7. The warranties do not apply to:
  - normal wear and tear.
  - performance issues or limitations affecting a Firenzo Woodfire arising out of prevailing site conditions such as downdraughts or insufficient draw or from, incorrect servicing adjustments or incorrect flue components or installation.
8. The warranties may be assigned to other consumers (as defined in the Consumer Guarantees Act 1993) on any sale of the residential property where a Firenzo Woodfire has been installed.
9. For information (including claim procedures) concerning potential claims, potential warranty claimants should contact:
  - in the first instance, the retailer/dealer from whom the Firenzo Woodfire was originally purchased;
  - or (if the retailer/dealer is not contactable or does not address the claim to the claimant's satisfaction) Firenzo Woodfires at the specified address (page 42).

10. After complying with paragraph 9, for valid claims, a warranty claimant must submit a completed warranty claim form (see Firenzo Woodfires website, or contact Firenzo Woodfires for this form), or other form acceptable to Firenzo Woodfires providing the Model and Serial Number details (page 15), including the date of purchase and specifying the defect:
  - to the retailer/dealer from whom the Firenzo Woodfire was originally purchased;
  - or to Firenzo at the specified address.
11. The warranty claimant is responsible for paying any service call fees, transport charges and for any damages and loss incurred in transit to the Firenzo Woodfire or its component parts and materials, to and from Firenzo Woodfires or its designated accredited agent. Where Firenzo Woodfires honours a warranty, as described in paragraph 12, it will reimburse the warranty claimant any transportation costs they have incurred.
12. Firenzo Woodfires or its designated accredited agent (please see paragraph 15) will replace any component parts and materials covered by the warranties or the entire Firenzo Woodfire, at its discretion, where Firenzo Woodfires is reasonably satisfied a defect is solely due to faulty Firenzo Woodfires workmanship or materials.
13. Firenzo Woodfires may decline (in whole or part) to honour a warranty claim:
  - until any amounts due but unpaid by a consumer in respect of the Firenzo Woodfire or its servicing are paid.
  - until Firenzo is provided with the applicable compliance and installation permits (please see below);
    - if it appears to Firenzo that the Firenzo Woodfire has:
    - not been installed correctly at the specified residential address, or not been operated and maintained strictly in accordance with the manufacturer's instructions, AS/NZS 2918:2001 and any relevant building code or consent or these warranty terms.
    - not been inspected and confirmed after installation as a compliant installation (with the requisite specifications and permits).
    - not been regularly maintained and at least annually serviced.
    - been operated with faulty, worn or missing seals.
    - been subject to misuse, neglect, or accident in transit, storage or use.
    - been damaged by water ingress in any way, including any surface rust which has occurred in transit or storage. However, this exclusion will not apply to any damage to the Firenzo Woodfire which is determined to have been caused by the wetback.
    - been over fired or has used any fuel other than clean dry firewood (having 25% or less moisture content), including any chemically treated timbers or driftwood.
    - if it appears to Firenzo that the defect is attributable to a failure to replace consumable parts or components or materials within a timely manner to maintain their durability.
14. Firenzo reserves the rights to alter or supplement the warranties, but no alteration will reduce a consumer's rights under the warranties that applied at the date of original acquisition of the applicable Firenzo Woodfire. In the event of any inconsistency between the warranties and any other written Firenzo Woodfires material, including a manual, the warranties shall prevail to the extent of the inconsistency.
15. No person other than a designated accredited agent can bind Firenzo Woodfires with respect to Firenzo Woodfires obligations under the warranties, and then only in accordance with the agent's actual authorities. A person is a designated accredited agent where they are identified and certified in writing by Firenzo Woodfires to be such with their authorities specified in the certificate. Consumers must take reasonable steps to satisfy themselves that they are dealing with designated accredited agents.
16. The warranties do not apply to export sales of Firenzo Woodfires. Separate terms apply to those sales.

This document is intended to form part of (and may be expressly referenced in) the terms of sale and purchase by every original New Zealand consumer of a Firenzo Woodfire. For any questions about the warranties or this document please contact Firenzo Woodfires at its specified address, on telephone 06 8438260, by email at [firenzo@firenzo.co.nz](mailto:firenzo@firenzo.co.nz), or via the Firenzo website [www.firenzo.co.nz](http://www.firenzo.co.nz).

A copy of this document is to be executed by Firenzo as a deed poll in favour and for the benefit of the New Zealand consumers described in it and to be kept for inspection purposes with Firenzo's corporate records at its specified address.

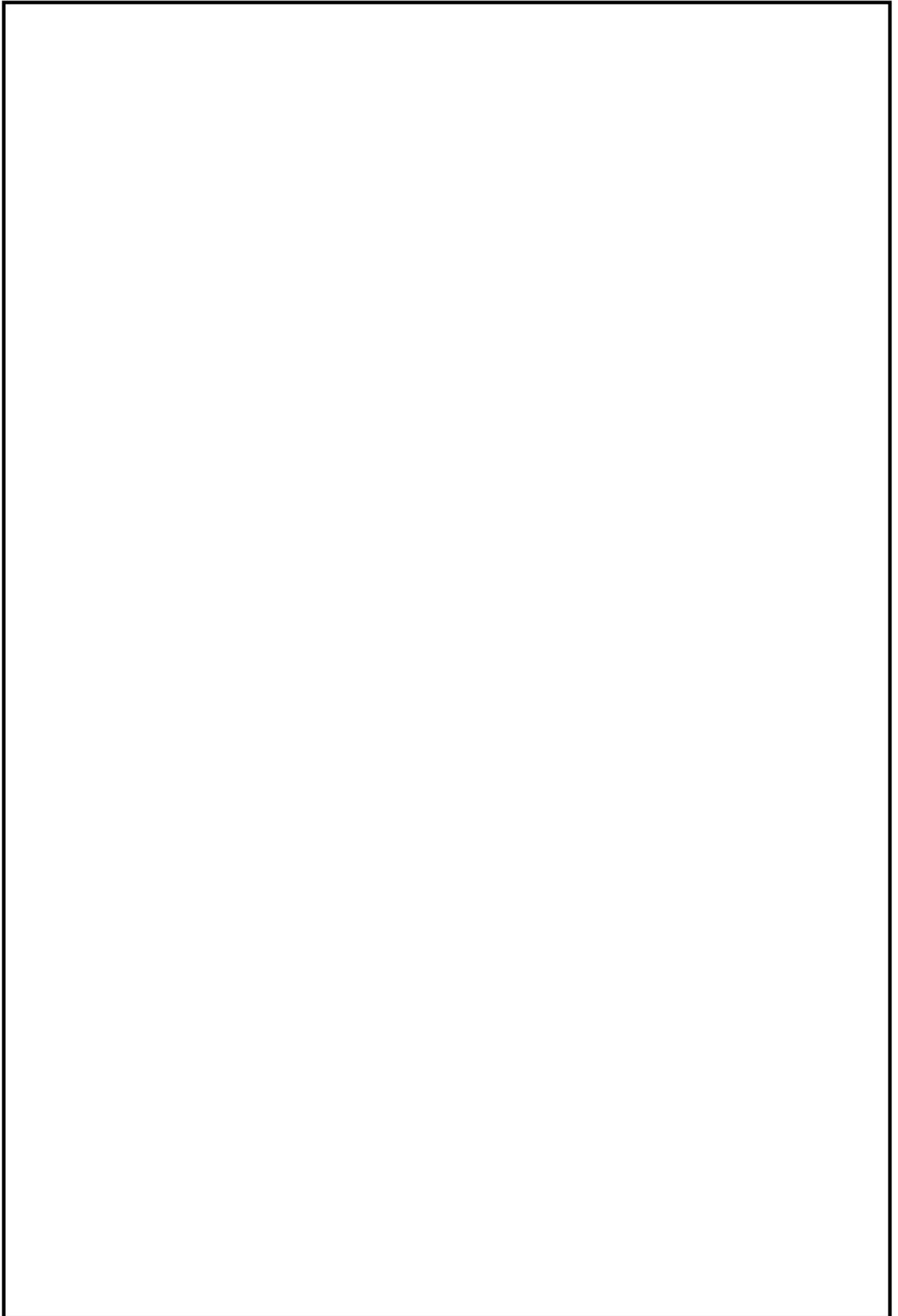
### **Model: Kompact**

Serial No: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Purchased from: \_\_\_\_\_

**Please complete for your reference**





# Firenzo Woodfires

Manufacturers of:

[Freestanding](#)

**Bronte**

**Contessa**

**Encore**

**Lady Kitchener**

**Napier**

**Viking**

**Vision**

**Stella**

**Topaz**

[Insert](#)

**Aqualux**

**Bay Fire**

**Flush**

**Kompact**

**Topaz**

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PO Box 3231

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Website: [www.firenzo.co.nz](http://www.firenzo.co.nz)

email: [firenzo@firenzo.co.nz](mailto:firenzo@firenzo.co.nz)