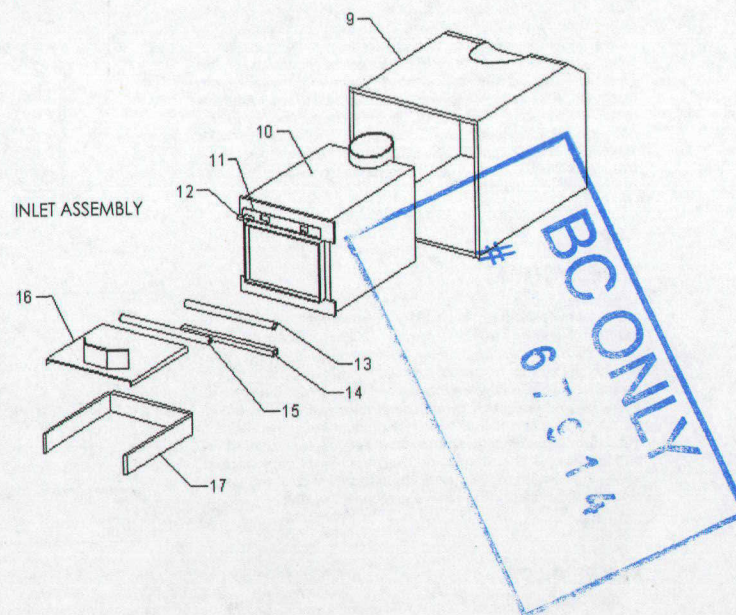
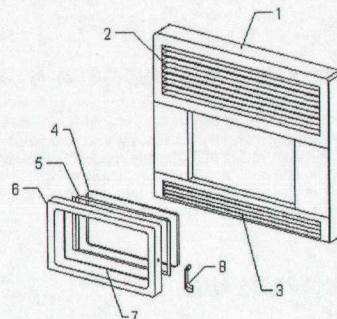


## LOGFIRE MAX PARTS DIAGRAM

1. Fascia Side – Left and Right
2. Fascia Inner Panel
3. Fascia Top Cap
4. Upper Grille Assy
5. Fascia Panel
6. Lower Grille Assy
7. Door Frame
8. Door Handle Assy
9. Glass Retainer
10. Door Seal Rope
11. Door Glass with Seal Tape
12. Secondary Air Tube, Sleeve and Pin
13. Baffle Plate
14. Firebox Assy
15. Outer Casing
16. Outer Casing – Front top panel
17. Outer Casing – Rear top panel

FASCIA ASSEMBLY



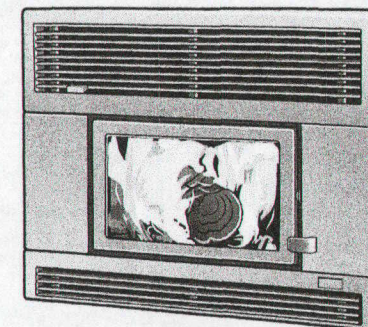
Before the heater is used, ensure that a Compliance Certificate (supplied by a Registered Installer or Territorial Authority Inspector) is obtained for the user. We encourage initial demonstrations on how to light and operate the fire to ensure the user can confidently operate the fire for safe and efficient performance.

1

# KENT

... welcome to a warm home

## STANDARD INSTALLATION



**Logfire Max**

Model No. KWF295-5992

### GENERAL INFORMATION

1. This fire must be installed by an approved installer, ideally registered with the New Zealand Home Heating Association. Do not allow any makeshift compromise installation methods. This could result in a house fire. The **Logfire Max** must be installed according to these instructions.
2. The **Logfire Max** Fireplace Insert Heater, when installed according to these instructions, complies with the provisions of AS/NZS 2918:2001 Appendix E - "Thermal Testing of Fireplace Insert Installations".
3. The **Logfire Max** meets the emission requirements of the joint Australia/New Zealand Clean Air Standards 4012, 4013-1999, and the NZ National Emissions Standard.
4. The **Logfire Max** is intended for installation into masonry fireplaces and chimneys which have been constructed in accordance with the requirements of the NZ Standard for Chimneys, NZS 1900 Ch7, or other nationally recognized code requirements. All installations must be made in accordance with AS/NZS 2918:2001.
5. Do not allow any makeshift compromise installation methods. This could result in a house fire. The **Logfire Max** must be installed according to these instructions. We suggest that a New Zealand Home Heating Association – registered installer be used for installing the appliance.
6. The clearances given in these instructions are necessary to prevent overheating of nearby combustibles and drying out of the house structure. They may not be reduced without authorisation.

### PRIOR TO INSTALLATION

1. Examine the masonry fireplace and chimney carefully to ensure that they are free from cracks, loose mortar, creosote deposits, blockages or other signs of deterioration. Check the area of the facebrick/firechamber joint particularly carefully for cracks or openings. These must be permanently sealed. If evidence of deterioration is found, the fire must not be installed until permanent repairs have been made to the fireplace.
2. Measure the opening of the fireplace to confirm the fire will fit. When fitted, the fascia surround should overlap the fireplace opening by a minimum of 25mm on sides and top. (Refer Figs 1, 2.) If the fascia surround is too small for the opening, a backing plate must be fitted. The underside of the mantel, if fitted, must be no closer to the top of the floor protector than 1150mm. (Refer Fig 3).
3. Check that there is a suitable floor protector. The floor protector must be insulated and non-combustible and must extend 300mm in front of the door glass and be at least 45mm above the floor of the room. Masonry is suitable for the floor protector. If flush with the room floor, the floor protector must extend at least 395mm. It must extend at least 200mm either side of the door opening. (Refer Fig 3).



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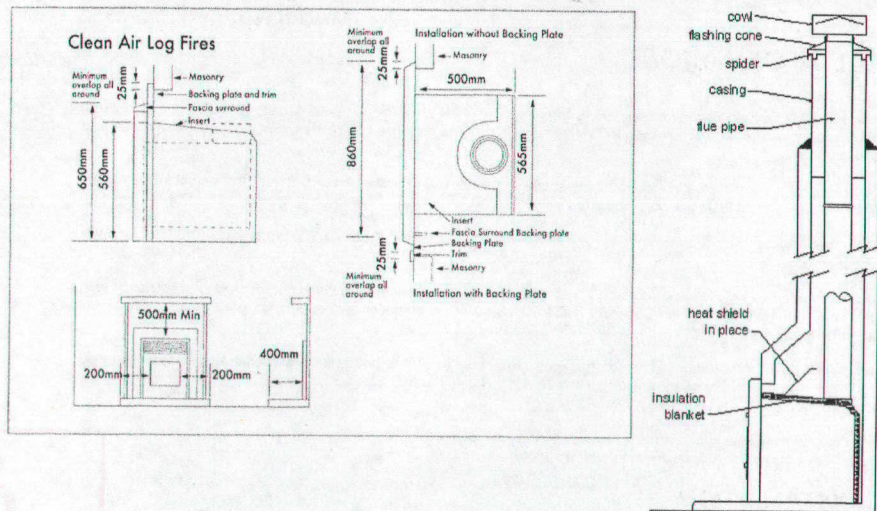
KWF299-6923-09/10

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4. Flue pipe installation is determined by the existing fireplace structure and condition (Refer Fig 4). The flue pipe shall extend not less than 4.6m above the top of the floor protector. The flue cowl must be at least 600mm above the highest point of the roof if within 3 metres of it, or 1000mm above the roof penetration if more than 3 metres from the ridge – see drawing. 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. **These heights are given as a general minimum, and in actual practice the presence of surrounding structures, trees, fences, etc. may necessitate additional height for satisfactory performance.** The cowl must be fitted to prevent entry of birds, snow and rain. At flue joints, the swaged end of the upper piece must be fitted to the plain end of the lower piece. The Kent flue kit provides for a maximum height of 4.6 metres above the fire. Should extra lengths of flue or heat shield be required, they can be purchased through your Kent dealer.
5. The **Logfire Max** requires up to 40 cu.m/h of fresh air for burning, and this must come from outside the house. A normal house will allow enough air in through incidental openings to satisfy this. We recommend that a source of air be located near the heater for best performance. This can be a window that is left ajar while the heater is in use. If this is not possible, and the house is particularly air-tight, a vent may need to be installed next to the heater to provide the air required. Lack of air will lead to a heater that is hard to light and get going, or in bad cases, to smoke spilling back into the room. This situation can also lead to excessive carbon monoxide levels through incomplete combustion.

#### Logfire Max Dimensions (mm)



### INSTALLATION PROCEDURE

Once you have determined that the **Logfire Max** will fit and that all necessary repairs have been made to the fireplace and chimney, installation may proceed as follows:

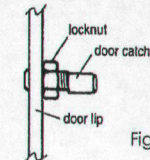
1. Clean any loose rubble from the hearth to make it substantially level. Ideally, the insert should sit 5-6mm above the level of the floor protector in front of the fireplace, to allow the fascia to be properly centred on the insert.
2. Unpack the **Logfire Max** from its crate and remove the additional components packed inside.
3. Open the fascia kit. In this pack you will find the fascia components and hardware.
4. Slide the insert into the fireplace opening. The flange on the outer casing should be positioned flush with the front face of the opening. If the fireplace is too shallow, a spacer will need to be obtained.
5. For ease of assembly of the flue, remove the front half of the top panel of the casing. Fit the flue system to the **Logfire Max** as detailed in the separate Manufacturers instruction sheet that accompanies the flue kit. **This heater is tested and approved for use with a Kent Inbuilt Flue Kit only. Use of other brands of flue systems may void installation approvals. The flue must not be connected to any other flue or chimney servicing another appliance. Modification of the appliance or flue kit in any way without the written approval of the manufacturer is expressly prohibited.**
6. Slide the front half of the top panel back into place, **ensuring the heat-shield and insulation are in place** and refasten to the casing. (Refer Fig 4).

### ATTACHING THE FASCIA

1. Remove the grilles and fascia panel from the package.
2. If a backing plate or spacer is required to be used, this should be fitted to the back of the fascia surround, using self-tapping screws, before the fascia surround is fitted to the outer casing of the **Logfire Max**. It will be necessary to drill mounting holes in the fascia surround.
3. Fit the 7 sheet metal nuts onto the flange of the outer casing of the heater, aligning them with the holes in the flange, 3 across the top and 2 down each side.
4. Fit the fascia panel and screw into place. Adjust the surround so that the door is centred in the panel. The door should not rub on the fascia panel when it is opened and closed. If the door cannot be centred, it may be necessary to remove the fascia again and pack the **Logfire Max** casing up with non-combustible packers to give added clearance under the bottom of the fascia.
5. Fit the upper grill by locating the pins in the top of the upright bars of the grille into the holes in the underside of the top cap of the fascia, and then clipping the grill into the top edge of the door surround panel. Fit the lower grill in a similar manner.

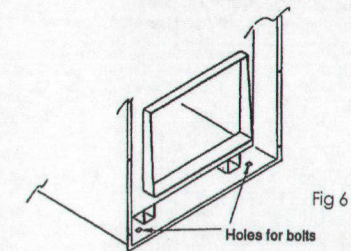
### DOOR HANDLE AND DOOR

The door handle is pre-fitted and should not require any adjustment on assembly of the heater. Any adjustment required to maintain the correct fit of the door is made at the door catch pin on the right side of the door lip. To adjust the fit of the door catch, loosen the lock nut and turn the eccentric pin to loosen or tighten the fit. Re-tighten the lock nut. (Refer Fig 5).



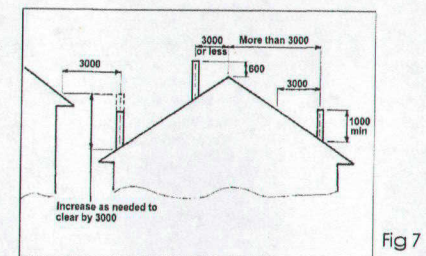
### SEISMIC RESTRAINT

The heater must be restrained against movement due to earthquakes. Once the **LOGFIRE** is in place and the fascia has been fastened in place, it is necessary to bolt it down to the hearth. Remove the upper and lower grilles and fascia panel to give access to the 2 square holes in the base pan of the outer casing. Mark through these and drill for 2 8mm DYNABOLTS® or similar, penetrating at least 50mm into the concrete of the fireplace (Refer Fig 6). Replace the grilles and fascia after bolting down. Once all components are correctly installed, your heater is ready for use. On initial light up, the presence of smoke may be noticed. This is normal and will dissipate quickly. **DO NOT BURN YOUR HEATER TOO QUICKLY TO BEGIN WITH.** Allow several small fires to build up a layer of ash in the heater, and cure the paint before using maximum power.



### FLUE SYSTEMS

The flue cowl must be at least 600mm above the highest point of the roof if within 3 metres of it, or 1000mm above the roof penetration if more than 3 metres from the ridge (Refer Fig 7). 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. **These heights are given as a general minimum, and in actual practice the presence of surrounding structures, trees, fences, etc. may necessitate additional height for satisfactory performance.** The cowl must be fitted to prevent entry of birds, snow and rain. At all flue joints, the swaged end of the upper piece must be fitted to the plain end of the lower piece.



### SPARE PARTS

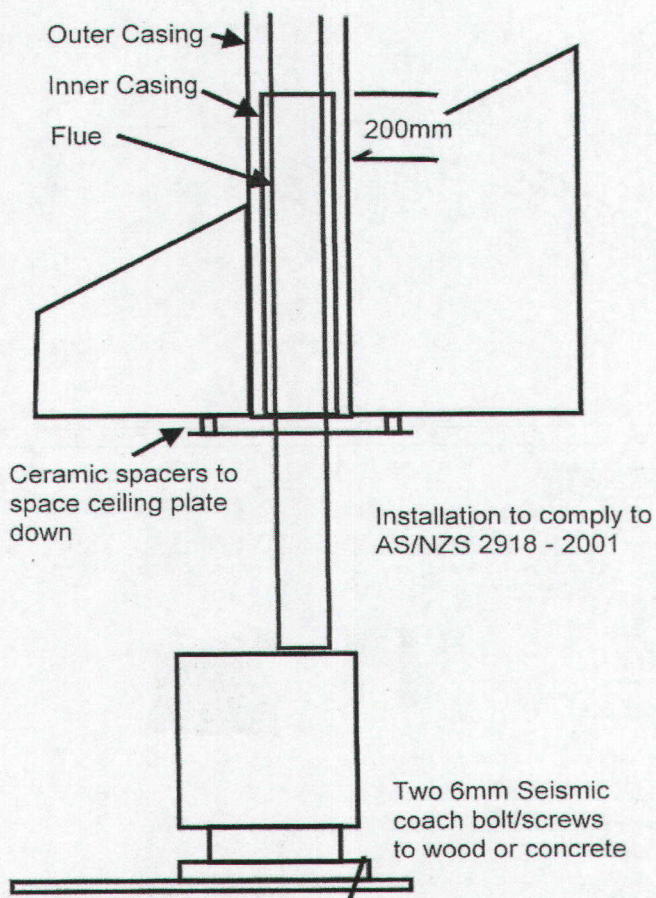
Certain parts of solid fuel heaters will require periodic replacement in normal use. These parts include the baffle plate and air tube, the door rope and glass seal, firebricks and control knobs and handles. Because we have no control over the conditions of use of the heater, we cannot say how long these parts may last.

Replacement parts may be purchased from your Kent dealer. To ensure the correct parts are ordered, please refer to the parts diagram **overleaf**, and advise the dealer of the date of purchase and serial number of the **Logfire Max**. The serial number is located on the identification plate on the inside near the front of the outer casing side. For enamelled panels, please also advise the colour of the panels required.

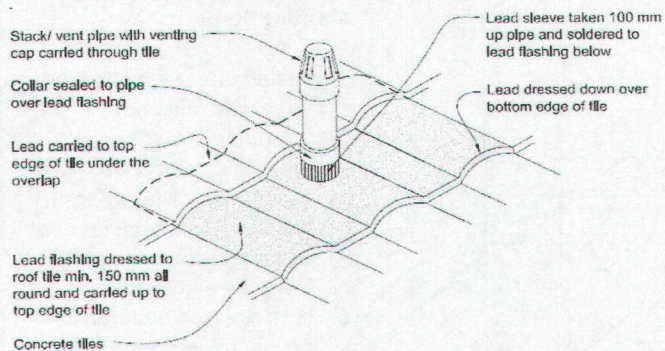
NOTE: When refitting secondary air tubes, be aware that the two round air tubes are NOT THE SAME. The front tube has two rows of holes and must be fitted with the row of 14 holes facing forward and the row of 6 holes facing down. The rear tube has one row of holes and must be fitted with the 12 holes facing forward.



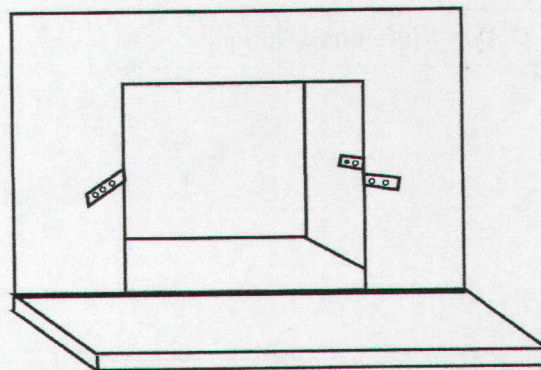
## Freestanding Installation



### Tile Roofs



## Insert Install

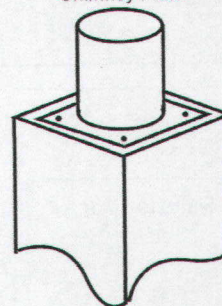


For seismic restraints the use of Simplex Strapping secured to existing chimney with 6mm sure drives.

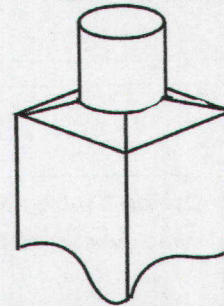
All gaps in chimney filled with fireproof fibre wool or fire rated sealant

## Flashing

Chimney Plate



Mortared over top

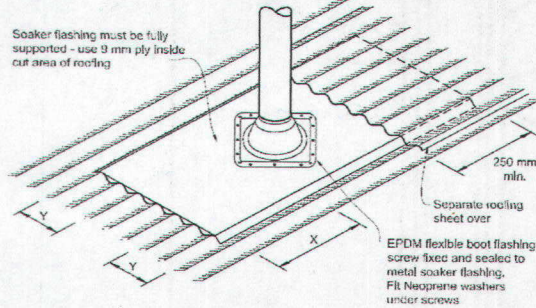


Flue height a minimum of 4.2 metres



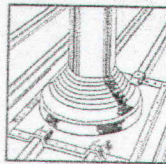
## Iron Roofs

### Option 1 (Preferred Option)



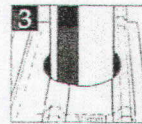
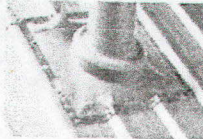
### Option 2 (Alternative Solution for new install)

#### Dektite® Soaker™

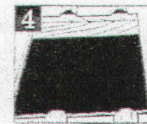


The large base of the Dektite® Soaker™ dramatically reduces and diverts rainwater back-up likely to occur on very low or high pitched roofs and deep ribbed roofing profiles. No need to cut around pipes, just quick straight lines for the square base.

- Ideal where roof pitch is below 10°
- Perfect on high pitched roofs over 45° and deep roof profiles
- The safest flashing in snow zones



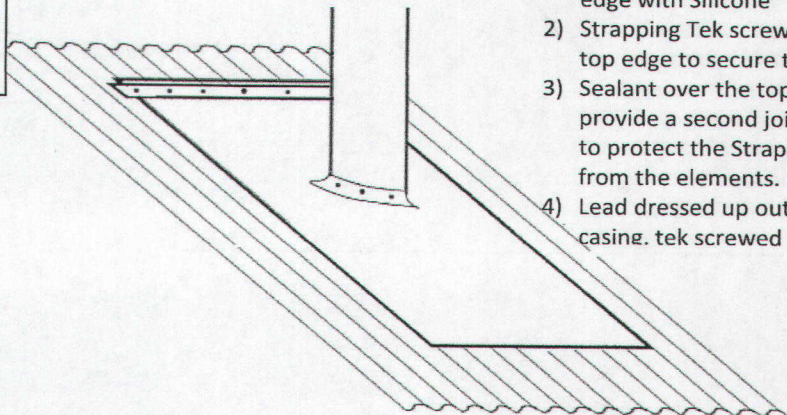
3 Mark the outline of the soaker on the roof then remove it. Mark a lap allowance of 30mm (inside the original mark). Now determine where soaker sides will finish.



4 Remove roof inside 30mm line. Trim sharp or uneven edges. Install timber supports to brace roof where ribs have been removed. (Pipe not shown above for clarity).

#### Flashing Steps

### Option 3 (Alternative Solution for swap over install)



- 1) Sealed under lead at top edge with Silicone
- 2) Strapping Tek screwed over top edge to secure to roof
- 3) Sealant over the top to provide a second joint and to protect the Strapping from the elements.
- 4) Lead dressed up outer casing. tek screwed and



✕ INSTALLATION OF KENT WOODBURNER

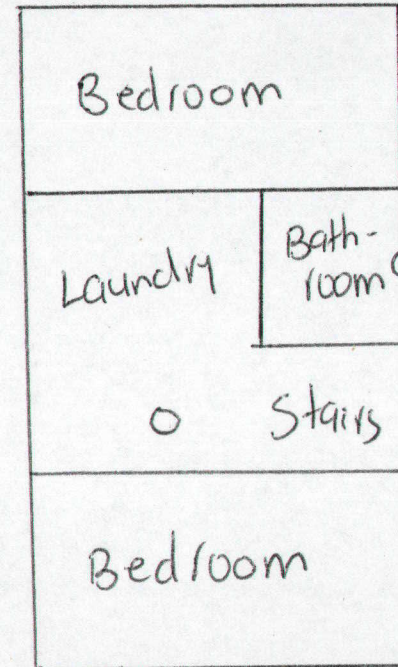
○ SMOKE ALARMS TO COMPLY WITH F7 WARNING SYSTEMS

ADDRESS: 11 Sophia Street

First floor



Second floor



PLANS APPROVED SUBJECT TO ALL REQUIREMENTS OF THE BUILDING ACT 2004 BEING FULLY COMPLIED WITH

DATE: 29/6/11

OFFICER: H. Ferguson

CONSENT NO: # 67914

**BC ONLY**

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