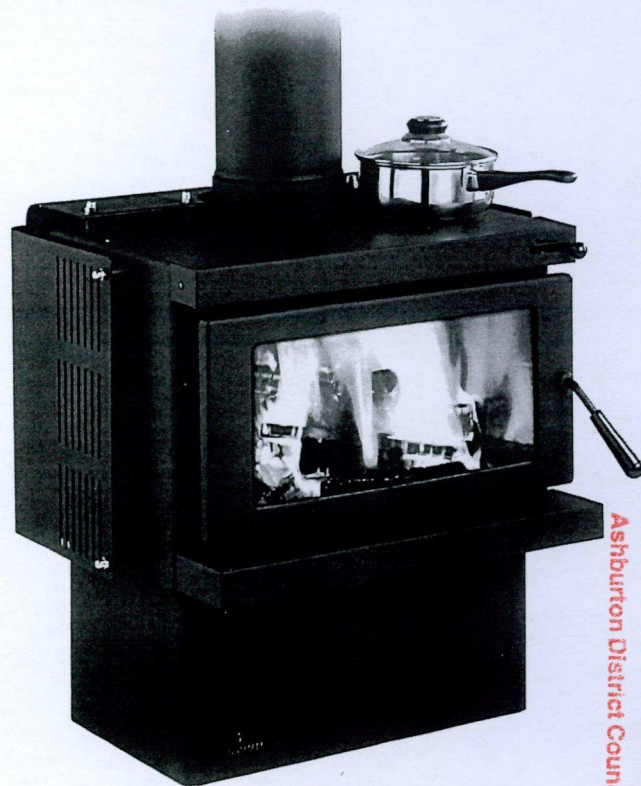




# WOODSMAN

Warming kiwi homes since 1887.

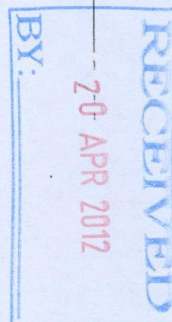


## ECR MkIII

Free Standing Woodstove

- 16.1 kW lab tested output
- 32L firebox capacity
- Clean air approved for ALL zones
- Cook top
- Optional clean air approved water booster (ECR MkV)
- Ultra durable 6mm steel firebox
- 15 year firebox warranty

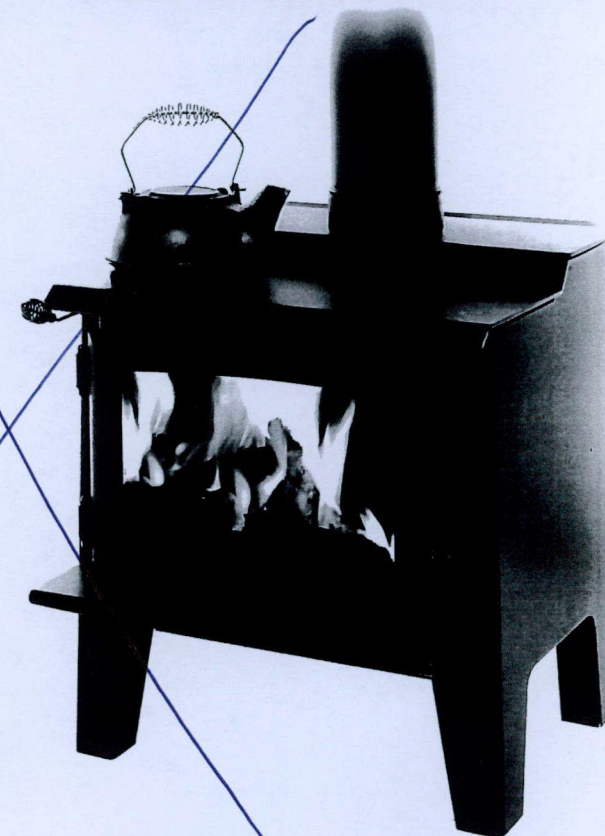
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## Aspen

Free Standing Woodstove

- 19.6 kW lab tested output
- 56L firebox capacity
- Clean air approved for ALL zones
- Cook top
- Ultra durable 6mm steel firebox
- Sturdy cast iron door
- Optional clean air approved wetback
- 15 year firebox warranty





## Warranty

We are supremely confident that our Woodsman fireboxes are of the highest quality and workmanship. This is why we confidently provide 15 year firebox warranties on all our woodfires and 10 year firebox warranties on our multi-fuel fires. Why should you settle for anything less? See the warranty document for details.



Quality  
ISO 9001

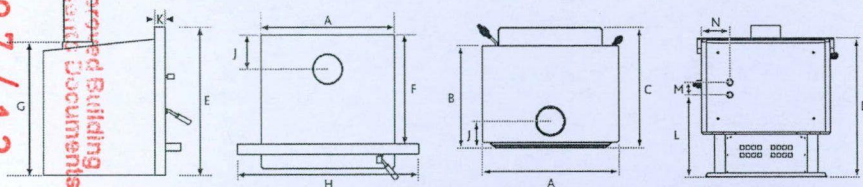
## Quality Assurance

W H Harris Limited was the first fireplace manufacturer from New Zealand to achieve the prestigious ISO 9001:2000 Quality Assurance certification. You can rest assured that our quality, design and workmanship is at the very highest international standard.



This brochure is produced using an environmentally responsible paper and chemical free pre-press. Paper contains 60% recycled sugar cane fibre and 40% FSC certified pulp.

## Dimensions (mm)



|                                       | TARRAS | MANHATTAN | BOSTON | BRUNNER<br>TASMAN<br>ASPEN | BLAZE | ECR<br>MK III & V | TOTARA | STRONGMAN | RMF | IMF    | MILFORD |
|---------------------------------------|--------|-----------|--------|----------------------------|-------|-------------------|--------|-----------|-----|--------|---------|
| A Overall Stove Width                 | 715    | 620       | 620    | 615                        | 620   | 580               | 640    | 715       | 580 | 590    | 685     |
| B Stove Depth - Door to Rear          | 530    | 572       | 572    | 554                        | 541   | 407               |        | 550       | 407 |        | 544     |
| C Overall Stove Depth - Ledge to Rear | 625    | 620       | 620    | 633                        | 580   | 450               |        | 590       | 450 |        | 610     |
| D Overall Stove Height                | 722    | 740       | 740    | 730                        | 740   | 620               |        | 695       | 620 |        | 725     |
| E Insert Fascia Height                |        |           |        |                            |       |                   | 650    |           |     | 740    |         |
| F Insert Depth                        |        |           |        |                            |       |                   | 506    |           |     | 480    |         |
| G Insert Maximum Height               |        |           |        |                            |       |                   | 570    |           |     | 590    |         |
| H Insert Fascia Width                 |        |           |        |                            |       |                   | 840    |           |     | 850    |         |
| J Flue Centre to Back of Unit         | 141    | 168       | 168    | 149                        | 171   | 150               | 137    | 141       | 150 | 115    | 170     |
| K Insert Fascia Depth                 |        |           |        |                            |       |                   | 62     |           |     | 120/65 |         |
| L Wetback Height                      | 429    |           |        | 450                        |       | 283               |        |           |     |        |         |
| M Wetback Centres                     | 65     |           |        | 65                         |       | 130               |        |           |     |        |         |
| N Wetback Position                    | 150    |           |        | 106                        |       | 290               |        |           |     |        |         |

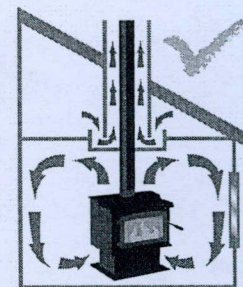
NOTE: All Specifications are subject to change without notification. Please refer to the installation instructions when installing your Woodsman fire.



Energy conscious homeowners are demanding greater efficiencies in home heating. As a result of this, Harris Home Fires have refined their existing design and produced the new HeatSaver flue system.

The HeatSaver flue system allows you to heat your home more efficiently by retaining the heat inside your home. Unlike conventional flue systems that draw warm air from within the room to cool itself, the HeatSaver draws its cooling air from either the ceiling cavity or outside the home if no ceiling cavity exists, thereby retaining precious warmth.

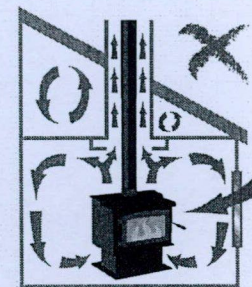
Insist on a HeatSaver flue system with your new solid fuel fire and enjoy increased warmth through greater efficiency.



### "HeatSaver"

Installation with a  
HeatSaver flue system

The above diagram illustrates a HeatSaver flue system drawing its cooling air from the ceiling cavity, not from the room the fire is heating. This flue system allows you to retain the heat inside your home.

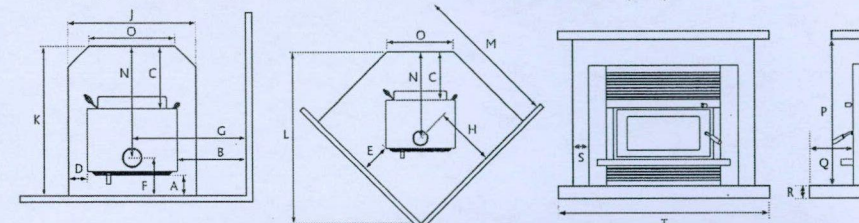


### "HeatWaster"

Installation with a  
conventional flue system

This diagram shows a conventional flue system drawing its cooling air from within the room, and replacing it with cold air drawn from outside the home. With this flue system, the warmest air produced by your fire is wasted outside.

## Clearances to combustibles (mm)



|                  | A   | B    | C      | D   | E   | F   | G      | H   | J    | K    | L    | M    | N   | O   | P    | Q      | R | S  | T   |
|------------------|-----|------|--------|-----|-----|-----|--------|-----|------|------|------|------|-----|-----|------|--------|---|----|-----|
| TARRAS           | 160 | 550  | 550*** | 150 | 300 | 301 | 906    | 626 | 1015 | 1184 | 1769 | 1493 | 883 | 686 |      |        |   |    |     |
| MANHATTAN        | 150 | 300  | 300    | 150 | 140 | 318 | 610    | 459 | 920  | 986  | 1318 | 1151 | 668 | 620 |      |        |   |    |     |
| BOSTON           | 150 | 300  | 300    | 150 | 140 | 318 | 610    | 459 | 920  | 986  | 1318 | 1151 | 668 | 620 |      |        |   |    |     |
| TASMAN & BRUNNER | 255 | 435  | 300    | 118 | 190 | 404 | 743    | 481 | 850  | 1084 | 1360 | 1159 | 680 | 615 |      |        |   |    |     |
| ASPEN            | 255 | 435  | 300    | 118 | 230 | 404 | 743    | 521 | 850  | 1084 | 1417 | 1219 | 680 | 615 |      |        |   |    |     |
| BLAZE            | 200 | 250  | 300    | 150 | 100 | 371 | 560    | 421 | 920  | 1038 | 1264 | 1113 | 669 | 620 |      |        |   |    |     |
| ECR MK III & V   | 100 | 400  | 300    | 150 | 200 | 251 | 740    | 512 | 880  | 807  | 1280 | 1110 | 556 | 580 |      |        |   |    |     |
| TOTARA           |     |      |        |     |     |     |        |     |      |      |      |      |     |     | 1060 | 390*** | 0 | 50 | 840 |
| STRONGMAN        | 300 | 875* | 515    | 150 | 380 | 441 | 1233** | 711 | 1015 | 1364 | 1928 | 1616 | 923 | 715 |      |        |   |    |     |
| RMF              | 125 | 500  | 300    | 150 | 180 | 276 | 790    | 492 | 880  | 832  | 1252 | 1060 | 556 | 580 |      |        |   |    |     |
| IMF              |     |      |        |     |     |     |        |     |      |      |      |      |     |     | 980  | 460*** | 0 | 50 | 840 |
| MILFORD          | 210 | 285  | 300    | 150 | 100 | 381 | 628    | 446 | 986  | 1054 | 1303 | 1164 | 673 | 686 |      |        |   |    |     |

\*610mm with firebox side panels fitted. \*\*968mm with firebox side panels fitted. \*\*\*Refer to graph in installation instructions to reduce this figure.

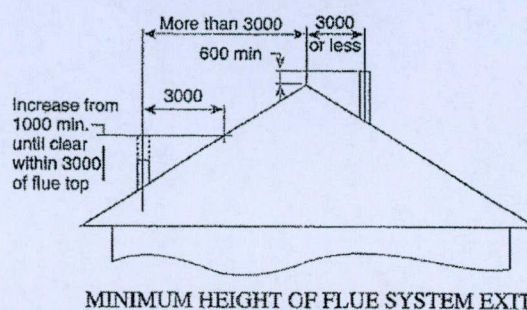
## Minimum Flue Height

The top of the flue system should be at least 600mm above the highest point of the roof ridgeline, if the point of intersection of the flue system and the roofline is less than 3 metres from the ridgeline horizontally.

If the point of intersection of the flue system and the roofline is greater than 3 metres horizontally, the top of the flue system shall be at least 1 metre above the point of intersection with the roofline. (refer FIG 3)

FIG 3.

DIMENSIONS IN MILLIMETRES



These are considered to be **minimum dimensions**, and depending on local conditions, **taller flue system heights may be required for satisfactory performance.**

## Flue Installation Detail

Your Woodsman appliance should be installed with a HeatSaver Flue System.

A HeatSaver Flue System is available from all authorised Woodsman dealers throughout New Zealand.

The HeatSaver Flue System contains a complete installation drawing and correct clearances from the ceiling level up. Minimum clearances from the appliance to nearby combustible surfaces are given in FIGS 1 & 2.

Use of a flue system other than a genuine HeatSaver Flue System may affect the safety of the installation, and may affect your Woodsman warranty.

**Insist on a genuine HeatSaver Flue System.**

**Installation requirements for Woodsman fireplace inserts and flue system where timber framing is less than 50mm from the chimney structure.**

Installation should be carried out by a qualified installer who will ensure:

- That the minimum clearances determined by tests in accordance with AS/NZS 2918:2001 are complied with to prevent overheating of nearby combustibles.
- That the minimum opening size of **600mm wide x 600mm high x 500mm deep** is available when firebricks are removed, and that extra provision also be made for plumbing where a hot water booster is fitted (where permitted).
- That any flue requirements specific to the model being installed are met in full - refer HeatSaver Flue System Instructions.
- Where the fireplace opening is in a heat sensitive wall, a non-metallic heat resistant material shall extend not less than 50mm beyond each side of the appliance and 150mm beyond the top of the appliance.
- Clearance of at least 1 metre between the front of the appliance and building structure, or any other substantial material object.
- That the insulating floor protector of non-combustible material is provided, extending not less than the dimensions shown in the chart. (Refer Table 2)
- A fireplace appliance shall not be connected to a flue common with an open fireplace.

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# HeatSaver Flue Kit Installation



## INSTALLATION INSTRUCTIONS

- This HeatSaver flue system is tested and certified to AS/NZS 2918:2001 Appendix F, which means it is approved for use on all solid fuel appliances with a flue diameter of 150mm.
- A copy of the Laboratory Test Certificate for this HeatSaver Flue System is included as part of these Installation Instructions, (refer to paperwork with flue kit).
- Installation of any solid fuel appliance should only be carried out by suitably trained and qualified personnel.
- Position the stove to the desired position, always ensuring that the manufacturer's minimum clearances to combustibles are complied with.
- Check that there are no roofline ridges or valleys in the way, or if they cannot be avoided, that the installer knows how to weatherproof the penetration and reinstate the full strength of the structure.
- At the ceiling level, construct a square frame of 300mm x 300mm internal dimensions and cut away the ceiling materials from the inside of this frame.
- Lower the 300mm flue pipe casing into this frame and nail in place when the bottom edge is 25mm below the ceiling level and the 8 nail holes provided are touching the timber frame. Ensure that the spacer brackets are at the top of the casing as shown in the diagram.
- Check all 4 locating brackets are securely in place and drop 250mm diameter lower casing in place. This will naturally settle so it protrudes 25mm below the ceiling.
- Make roof penetration, assemble and fit required flue length and install with upper casing. Secure all joins with at least 3 stainless steel rivets or self tapping screws.
- Frame and brace upper installation as required and flash the roof to shield penetration.
- Fit ceiling plate to ceiling.
- When trimming the stainless steel flue length, remember to allow for expansion when flue is hot.
- Fix HeatSaver Columbian Cowl in place. Fixings are not required as the cowl clips into place.
- Secure the flue to the fire—drill through flue neck on fire and secure with 2 to 3 s/s screws or rivets.
- All flue joints should be sealed using a flue cement.

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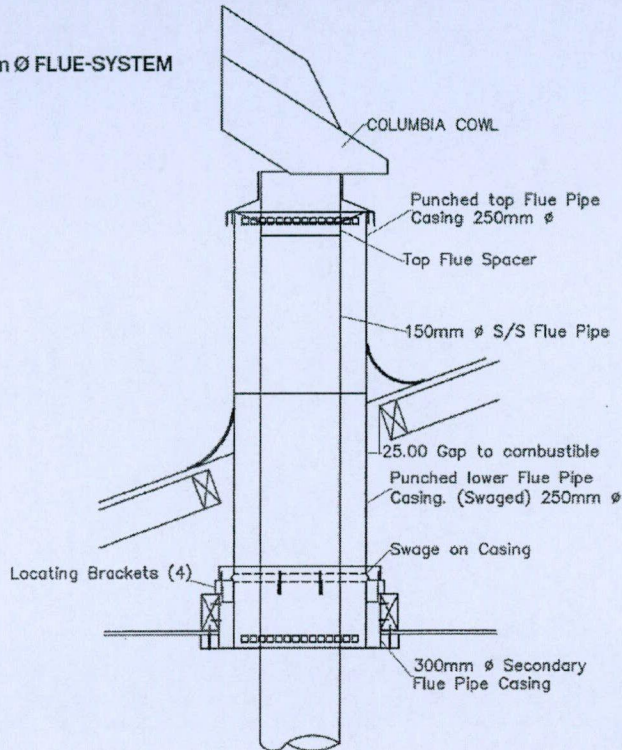
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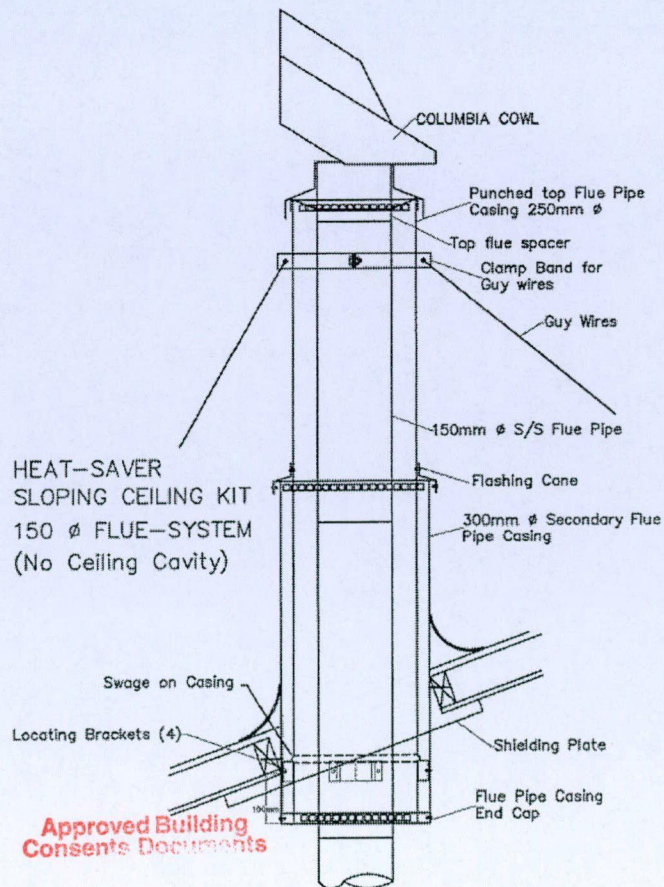
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# HeatSaver Flue Kit Installation

150mm Ø FLUE-SYSTEM



HEAT-SAVER  
SLOPING CEILING KIT  
150 Ø FLUE-SYSTEM  
(No Ceiling Cavity)



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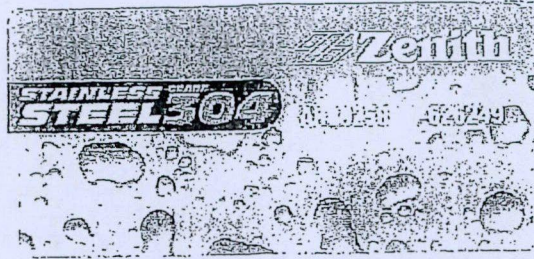
**KEN BRIERLY**  
Log Fire Specialist  
**Installation / Repairs**  
Solid Fuel Heating Installation Specialist

Stainless steel Rivets and fittings

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Specialist by ITW Profile  
a division of SPL Group Ltd  
@2003 ABN 95 000 043 872  
45 Britton St, Smithfield NSW 2164  
Visit our website: [www.itwprofile.com.au](http://www.itwprofile.com.au)

ITW PROFILE

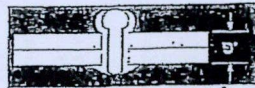


Please Recycle

This product is guaranteed against faulty workmanship and materials. Should it fail to perform satisfactorily in the intended application, return it to place of purchase for replacement.

|          |                   |
|----------|-------------------|
| ALUMINUM | FRONT, WELD AREAS |
| ALUMINUM | FRONT, WELD AREAS |
| ALUMINUM | FRONT, WELD AREAS |
| ALUMINUM | FRONT, WELD AREAS |
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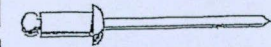
Grip length - Should be equal or slightly greater than overall thickness of materials being fastened.



Insert rivet, activate tool and fasten.

INSTALLATION: Drill hole using No. 30 stub drill.

APPLICATIONS: Use where corrosion is a problem.



**BLIND RIVETS**  
**OPEN STAINLESS 4.2**



# Dektite®



## The versatile solution for hundreds of applications.

Designed to enable practically any pipe flashing operation to be carried out within minutes, **Dektite®** is simple to install - and very effective. Providing the perfect weatherproof, flexible-seal, **Dektite®** protects against leakage on a wide range of pipe or vent projections, and is designed to conform to most roof profiles and pitch. For a maintenance-free seal on pipes from 0 - 440mm diameter, it's much more than a flexible solution to pipe flashing. It's a means of saving **time and money!**

### Easy Selection Guide

| Code                     | PIPE mm | BASE mm | PITCH   | COLOUR                              |
|--------------------------|---------|---------|---------|-------------------------------------|
| DB 0-35<br>DG 0-35       | 0-35    | 99x99   | 0 - 60° | BLACK (EPDM)* DB<br>GREY (EPDM)* DG |
| DB 5-55<br>DG 5-55       | 5-55    | 137x137 | 0 - 45° |                                     |
| DB 50-70<br>DG 50-70     | 50-70   | 178x178 | 0 - 45° |                                     |
| DB 5-120<br>DG 50-120    | 5-120   | 218x218 | 0 - 45° |                                     |
| DB 110-170<br>DG 110-170 | 110-170 | 284x284 | 0 - 45° |                                     |
| DB 160-220<br>DG 160-220 | 160-220 | 365x365 | 0 - 45° |                                     |
| DB 160-300<br>DG 160-300 | 160-300 | 453x453 | 0 - 45° |                                     |
| DB 290-440<br>DG 290-440 | 290-440 | 581x581 | 0 - 45° |                                     |

EP.D.M. withstands temperatures from -50°C to 115°C, & up to 150°C intermittently

\* DEKTITE® Pipe Flashings can also be used to flash square pipes. Just add 30% to the pipe diameter and trim the cone to suit.



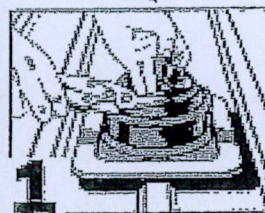
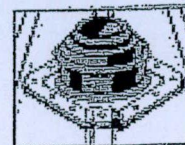
### EPDM - Perfect for approved flues!

Dektite® EPDM polymer flashings have been officially tested by the Coal Corporation of Victoria, Australia and conform to all Australian and UK Standards on approved flue systems. Under no circumstances should any polymer flashing be installed on a non approved flue or an 'active' combustion heater flue.

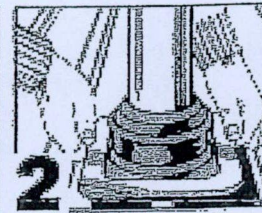
## INSTALLATION INSTRUCTIONS

5

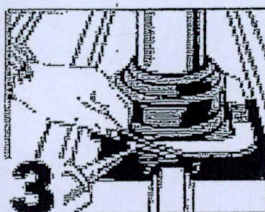
For more effective drainage always fit the Dektite on the Diamond or bias.



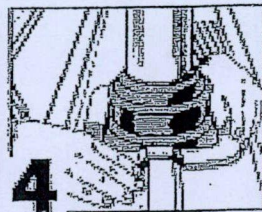
1 Cut a neat hole in roofing sheet with minimum clearance for pipe and insert pipe through hole. Trim the cone to suit pipe size using sharp tin snips. Where necessary, support cut sections of sheet with additional framing.



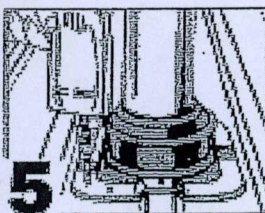
2 Slide Dektite® flashing down over pipe. Lubricating the pipe with water allows the pipe to slide snugly into position.



3 Apply a neutral cure silicone\* sealant by turning back the flexible flange.



4 Press base to the roof profile by hand, smooth out any awkward creases. Don't fully extend to allow for vibration.



5 Fasten using sealed rivets or washers. Fit fasteners progressively outward in opposing pairs to avoid gaps.



**Dektite®**  
First and the Best!

\*Refer to page 28 for silicone usage

HINT: When flashing a metal flue that has an exposed seam, using a neutral cure sealant, seal the seam from underside of cowl to the top of Dektite® cone.

**TYPICAL FLUE INSTALLATION AND POSITIONING**  
(per AS/NZS 2918:2001)

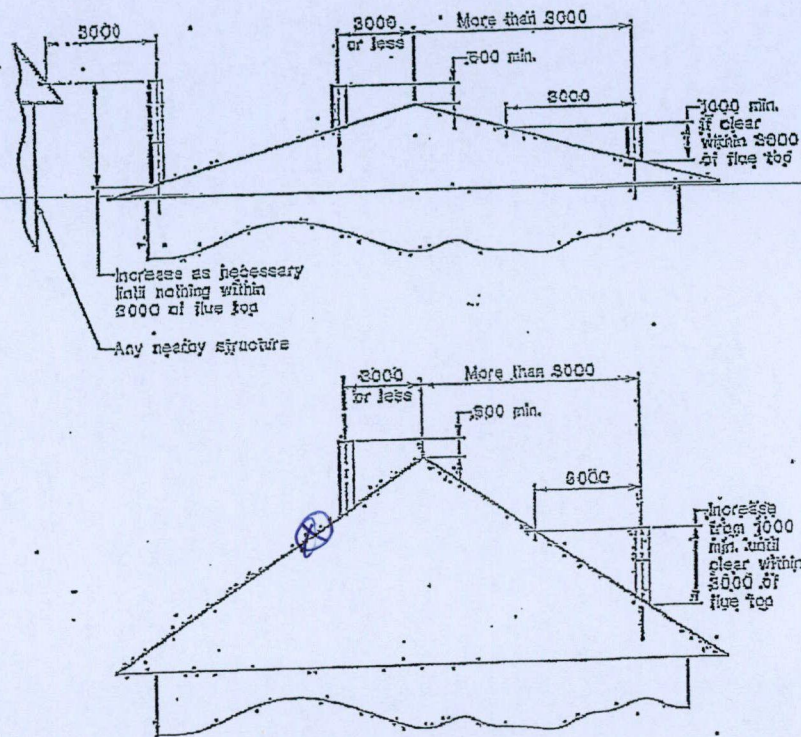


FIGURE 4.9 MINIMUM HEIGHT OF FLUE SYSTEM EXIT

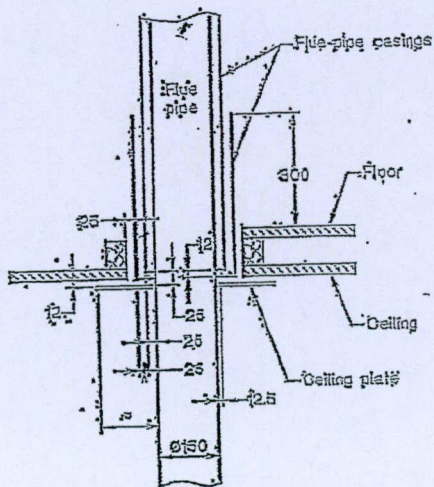
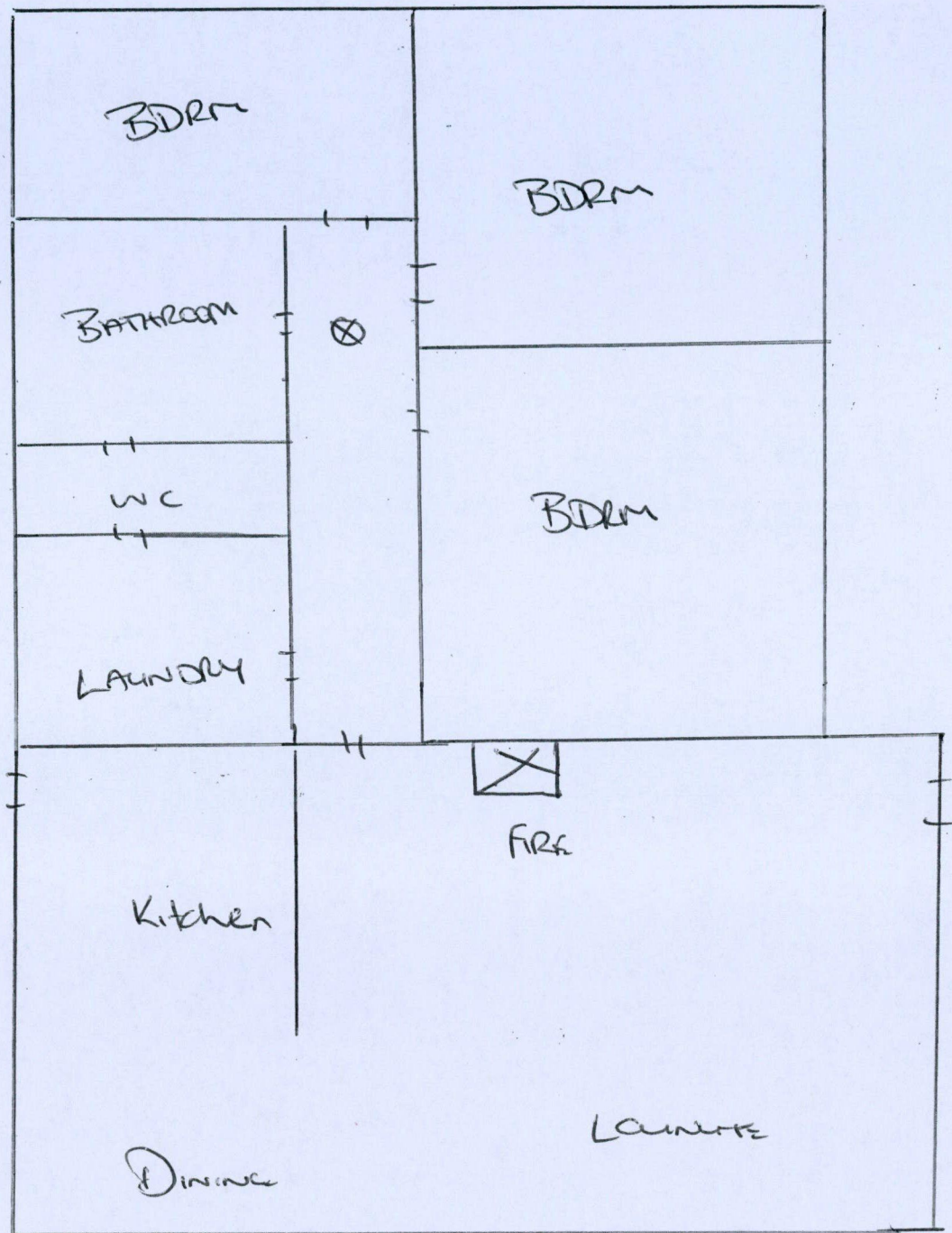


FIGURE 4.4(b) TYPICAL EXAMPLE OF A CEILING PENETRATION FOR A TESTED  
FLUE SYSTEM

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⊗ = Smoke Alarms.

39 Trewars Road, Ashburton

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