

BC No: 250749

SITE DETAILS:

274 KINGSBURY AVENUE

RANGIORA

LEGAL:

LOT 21

Council recommends the heating unit is not lit until the Inspector has passed the Final Inspection and the Code Compliance Certificate has been issued

Approved Building Consent Documents and Plans (Full set)

On Site Copy

- These plans and specifications must be kept on site during construction, and made available to the building officer on request. Failure to do so will mean an automatic failure of the building inspection and will necessitate re-booking the inspection at the applicant's expense.
- All boundary survey pegs must be located and flagged by the owner before work is commenced.

Inspections

For bookings or building enquiries please phone the **Building Unit** on:

03 311 8906

or

Email inspection bookings to: bcbooking@wmk.govt.nz

- Please refer to your inspection schedule for details of inspections to be carried out.
- At least 2-3 full working days' notice should be given when booking an inspection.
- Please be advised that it may not always be possible to carry out the inspection within the time frame you require.
- Provision is to be made to allow access.
- The Code Compliance Certificate will be issued once the:
 - Final inspection has been carried out and passed.
 - Audit of WDC building consent file has been completed.
 - Payment of any outstanding invoices, including Development Contributions, are received.

WOODBURNER COMMITMENT AND REGISTRATION FORM



WOODBURNER REGISTRATION

Applicant's full name: _____

Postal address: _____

Phone (home): _____ **Mobile:** _____

Email address: _____

Site address: *(Property address of where the wood burner is being used)*

Number & Street: _____

Suburb: _____ City: _____

Burner make & model: _____

CONDITION OF USE

I acknowledge that all users of this woodburner will be required to meet the following conditions.

The discharge of visible smoke from a burner is not allowed, except for 15 minutes at start-up and 5 minutes at refuelling	<input type="checkbox"/> Yes
Only dry, seasoned wood will be used	<input type="checkbox"/> Yes
The burner must be well maintained and appropriate records must be kept	<input type="checkbox"/> Yes

For more information and clean burning tips visit www.letscleartheair.co.nz

Applicant's signature

Date

Note: All properties less than 2ha that are in a Clean Air Zone need to register. To find out if your property is in a Clean Air Zone, please contact Customer Services

Please return to:

Environment Canterbury
PO Box 345
Christchurch 8140

or email to:

ecinfo@ecan.govt.nz

Customer services

0800 329 276



**Environment
Canterbury**
Regional Council
Kaunihera Taiao ki Waitaha

Solid/Liquid Fuel Heater (Not Commercial)

Section 1 Statutory Forms

- **Inspection List – By Council**
- **Building Consent Form (Form 5) – By Council**
- **Code Compliance Application (Form 6) – By Council**
- **Installation & PS3 Forms – By Council**
- **Application Form**

PLEASE NOTE

- Although your Consent documentation states 2-3 full working days' notice is required, it may not always be possible to carry out the inspection within the time frame you require.
- If an inspection of the building works is not carried out in accordance with the Inspection Schedule it could affect the issue of the Code Compliance Certificate.

**To book inspections ring WDC on
03 311 8906**

All inspections are subject to a separate charge.

All re-inspections will be charged and recorded separately even if other inspections are carried out on the same day.

Using engineers & other professionals

If an engineer has been engaged to carry out various site inspections you will need to provide copies of his/her site notices to us and a producer statement, a PS4 from the engineer confirming the building elements designed and inspected by the engineer were completed in accordance with the approved design.

Confirmation of installation of products

We require producer statements, warranties & installation certificates from various installers as a way of confirming products have been installed in accordance with the manufacturer's recommendations. These are commonly required for exterior claddings, wet area tanking, membrane roofing/decking and effluent fields. Energy certificates such as electrical and gas certificates need to be provided too. You will need to provide these to us prior to the issue of the Code Compliance Certificate.

Applying for a Code Compliance Certificate (CCC)

When you are satisfied your project is complete please book a final inspection. The owner or their agent is also required to complete a separate application for the Code Compliance Certificate (Form 6) as soon as possible after the building work is completed. The application form to apply can be downloaded via the link below or call 03 311 8906 for further information.

<https://www.waimakariri.govt.nz/consents-and-licences/forms-a-to-z#building>

You should have this form ready for when the building Inspector arrives on site to carry out the final inspection, or email it to ccc@wmk.govt.nz. Please note all outstanding monies must be paid prior to the issue of the CCC.

Grant or refuse a CCC

We are required to make a decision to grant or refuse a CCC if you do not formally apply for a CCC within two years of the granting of the building consent. The date your consent was granted is the date at the bottom of the building consent form. If you do not apply for a CCC or arrange an extension with us within the two year period we may carry out an inspection of the building work. An additional fee applies for this work.

Lapsing of your consent

Your building consent will lapse if building work has not commenced within 12 months after the date of issue of the building consent. The issue date is deemed to be the day you paid for the consent. In saying this we understand things don't always run smoothly so you can apply for a time extension which we may agree to. A fee applies for this.

Site Inspection Sheet

Application

Craig A Wyllie C/- W.H. Harris Limited PO Box 4043 Christchurch 8140	No.	BC250749
	Issue date	07 August 2025
	Overseer	Agata Bulska

Project

Description	3302
	BC - Heating Appliance (log fire), Solid-fuel (Wood or Coal) fire, MWFF - Free-standing new solid fuel heater, 01 Standard Building Consent(20 W Processing Days)
Intended Life	Indefinite (50+)
Intended Use	
Estimated Value	\$3000.00
Location	274 Kingsbury Avenue RANGIORA
Legal Description	LOT 21 DP 44633 0.079800 Ha
Valuation No.	2159444100

This inspection sheet and all the approved plans and specifications relating to this building consent are to be available on site during construction. If the documentation required for a particular inspection is not available, this will mean automatic failure of the building inspection and will necessitate re booking the inspection at the applicant's expense.

Work cannot proceed past each step until that step has been inspected and approved.

All inspections listed below are to be inspected by a WDC Building Inspector, an Engineer may also need to be engaged to inspect engineer requirements, this will be noted below.

BC250749
Heating Unit / Boiler - Final -

Please give at least 2-3 full working days' notice for the next required inspection, please be advised that it may not always be possible to carry out the inspection within the time frame you require.

Form 5

Building consent

BC250749

Section 51, Building Act 2004

The building

Street address of building: 274 Kingsbury Avenue RANGIORA
Legal description of land where building is located: LOT 21 DP 44633 0.079800 Ha
Valuation number: 2159444100
Building name:
Location of building within site/block number:
Level/unit number: 1

The owner

Name of owner: Craig A Wyllie
Contact person:
Mailing address: 274 Kingsbury Avenue Rangiora 7400
Street address/registered office:
Phone number: Landline: Mobile:
Daytime: After hours:
Facsimile number:
Email address:
Website:
First point of contact for communications with the council/building consent authority:
W.H. Harris Limited

Building work

The following building work is authorised by this building consent:
WOODSMAN ULEB FREESTANDING LOG BURNER

Primary Specified Intended Use: Housing - Detached dwellings
Description of Intended Use: Residential Dwelling

This building consent is issued under section 51 of the Building Act 2004. This building consent does not relieve the owner of the building (or proposed building) of any duty or responsibility under any other Act relating to or affecting the building (or proposed building).

This building consent also does not permit the construction, alteration, demolition, or removal of the building (or proposed building) if that construction, alteration, demolition, or removal would be in breach of any other Act.

This building consent is subject to the following conditions:

- The Building Act 2004, Section 90, states that agents authorised by the building consent authority (the Council) for the purposes of this section are entitled, at all times during normal working hours or while building work is being done, to inspect:
 - (a) land on which building work is being or is proposed to be carried out; and
 - (b) building work that has been or is being carried out on or off the building site; and
 - (c) any building.

Compliance schedule

A Compliance Schedule is not required for this building.

Attachments

Copies of the following documents are attached to this building consent:

Consented Specifications

Inspection List

Form 6 Application for Code Compliance

A handwritten signature in blue ink, appearing to read 'Shirley Cresswell', is positioned above the printed name and title.

Shirley Cresswell

Senior Administration Officer

On behalf of: Waimakariri District Council

Date: 07 August 2025

Advice notes

Building consent

BC250749

Advice Notes as at 7/08/2025

Project description

Street address of building:	274 Kingsbury Avenue RANGIORA
Legal description where work is located:	LOT 21 DP 44633 0.079800 Ha
Description of consent:	WOODSMAN ULEB FREESTANDING LOG BURNER

Advice Notes

This building consent is issued with the following advice notes listed below. Please read and follow the guidance given. Failure to do so may create difficulties in obtaining a code compliance certificate.

All inspections listed must be requested and carried out in accordance with the attached schedule (list) of inspection types. It is advisable to request bookings at least 2-3 full working days' in advance, please be advised that it may not always be possible to carry out the inspection within the time frame you require. It is the owner's responsibility to ensure all necessary inspections are carried out. Please contact the building consent authority if you are unsure what requires inspection - do not cover or enclose any building work without prior inspection. Please note that the consent fees allow for a single inspection of construction stages of the project as specified in the inspection schedule. Any extra inspections required will be invoiced and must be paid for before a code compliance certificate is issued.

Comply with the endorsements on the plan.

An inspection of the installation of the heating unit is required before its first use. Council recommends the heating unit is not lit until the Final Inspection has Passed and the Code Compliance Certificate has been issued.

The duplicate copy of the approved consent documents and inspection schedule must remain on site during construction.

All variations/amendments must be approved by the Council and comply with all requirements of the Building Code and Building Act 2004 and must be approved before the building work is carried out. There are two ways the Building Control Authority handles changes:

- *Minor variations* - a change which does not deviate significantly from the approved plans and specifications.
- *Amendments* - major changes to a project.

Guidance on what constitutes an amendment or minor variation, the approval process, and the forms to apply for an Amendment or In-office Minor Variation are available from the Waimakariri District Council website. www.waimakariri.govt.nz/council/documents-bylaws-plans/fact-sheets
Additional fees apply for minor variations and Amendments.

Your consent is issued subject to manufacturers technical information about their products, installation and maintenance is to be as this technical information requires.

A Building Consent lapses and is of no effect if the building work to which it relates does not commence within 12 months after the date of issue of the building consent or any further period that the Building Consent Authority may allow. (Time extensions to commence building work after 12 months must be submitted to the Building Consent Authority in writing stating the reason for the request, prior to the lapse date of the consent.

A Building Consent is not completed until it has been issued with a Code Compliance Certificate. The owner is required to complete a separate application for a Code Compliance Certificate as soon as practicable after the building work is completed. In any event no later than two (2) years after the granting of the Building Consent. Council is required to decide whether or not a Code Compliance Certificate can be issued. If your project will not be completed within two years you will need to apply for a time extension*. *fees apply.

The installer shall provide a PS3 for the installation of the Heating Unit prior to issue of Code Compliance Certificate.

BUILDING UNIT

Form 6 Application for Code Compliance Certificate

Under The Building Act 2004, Section 92

Please submit the Application for Code Compliance Certificate, when work has been completed, by emailing to: **ccc@wmk.govt.nz**

Office use only - Date Form 6 received:

1. The Building Consent

Building consent number(s) (BC):

Issued by:

Site address: (number/street/road/township)

2. The Owner - All details must be the legal owner's

PLEASE NOTE - This section is only required to be completed if the owner details have changed from the building consent.

No change to details

Name of owner: (include preferred form of address, e.g. Mr, Mrs, Ms, Miss, Dr, if an individual)

Contact person: (not required if the owner is an individual. Must have a New Zealand address)

Mailing address:

Street address/Registered office: (if different than above)

Phone number:

Landline:

Mobile:

Daytime:

After hours:

Fax:

Email:

Website:

As the owner, where you have given authorisation for an Agent to act on your behalf, please confirm if you require a copy of Code Compliance Certificate correspondence: Yes No

The following evidence of ownership is attached to this application - **not required if details have not changed from the building consent:**

Copy of Record of Title OR Council to provide (additional charge applies - see below)

(The Record of Title has to be current within 1 month of being issued and must include a deposited plan [diagram]. Where the Record of Title is not current, the Council will provide this [additional charge applies - refer to Council Fees and Charges Schedule waimakariri.govt.nz/services/fees-and-charges])

Signed copy of Sales and Purchase Agreement (If Record of Title is not issued)

Other document showing full name of legal owner(s) (e.g. Rates Invoice)

3. Agent - Only required when the application is being made on behalf of the owner

PLEASE NOTE - Authorisation is required from the owner of the property

Name of agent:

Contact person: (not required if the applicant is an individual)

Mailing address:

Street address/Registered office: (if different than above)

Phone number:

Landline:

Mobile:

Daytime:

After hours:

Fax:

Email:

Website:

Relationship to owner: (state details of the authorisation from the owner to make the application on the owner's behalf)

PLEASE NOTE - The Agent will be the first point of contact for communications with the Council/Building Consent Authority regarding this application.

4. Application

The following field must be completed when submitting the Code Compliance Certificate application:

All building work carried out under the Building Consent specified in this form was completed on:

Restricted building work

Did the building work include any restricted building work? Yes No

The Licensed Building Practitioner(s) who carried out or supervised the restricted building work is/are as follows:

Licence class	Name	Licensed building practitioner number (or registration number if treated as being licensed under section 291 of the Building Act 2004)	Particular work carried out or supervised
Foundations			
Carpentry			
Exterior Plasterer			
Bricklayer			
Blocklayer			
Roofer			

Key personnel

Builder

Name: Reg. No.:
 Address:
 Phone No.: Email:

Designer(s)

Name: Reg. No.:
 Address:
 Phone No.: Email:

Certifying drainlayer

Name: Reg. No.:
 Address:
 Phone No.: Email:

Certifying plumber

Name: Reg. No.:
 Address:
 Phone No.: Email:

Certifying gasfitter

Name: Reg. No.:
 Address:
 Phone No.: Email:

Registered electrician

Name: Reg. No.:
 Address:
 Phone No.: Email:

Structural engineer

Name: Reg. No.:
 Address:
 Phone No.: Email:

Specified systems

The following specified systems are contained on the compliance schedule for the building and, in the opinion of the personnel who installed them, are capable of performing to the performance standards set out in the Building Consent. Tick appropriate specified systems below:

There are no specified systems in the building

- SS1 Automatic systems for fire suppression
- SS2 Emergency warning systems
- SS3/1 Automatic door
- SS3/2 Access controlled doors
- SS3/3 Interfaced fire or smoke doors or windows
- SS4 Emergency lighting systems
- SS5 Escape route pressurisation systems
- SS6 Riser mains
- SS7 Automatic back-flow prevention
- SS8/1 Passenger carrying lifts
- SS8/2 Service lifts
- SS8/3 Escalator and moving walks
- SS9 Mechanical ventilation or air conditioning systems
- SS10 Building maintenance units
- SS11 Laboratory fume cupboards

- SS12/1 Audio loops
- SS12/2 FM Radio and infrared beam transmission systems
- SS13/1 Mechanical smoke control
- SS13/2 Natural smoke control
- SS13/3 Smoke curtains
- SS14/1 Emergency power systems
- SS14/2 Signs for SS1-13
- SS15/1 Spoken information to facilitate evacuation
- SS15/2 Final exits
- SS15/3 Fire separations
- SS15/4 Signs for facilitating evacuation
- SS15/5 Smoke separations
- SS16 Cable cars

I request that you issue a Code Compliance Certificate for this work under section 95 of the Building Act 2004.

The Code Compliance Certificate should be sent to: Owner Agent

I wish to receive my certificate in the following format:

PLEASE NOTE - *If hard copy, please confirm if you wish to pick it up from the Council or have it posted.*

Hard copy: (post) OR (pick-up) OR Email

Terms of trade

I/We understand that:

Fees associated with the Building Consent shall be paid for i.e. development contributions, amendments, additional inspections, and extensions prior to the issue of Code Compliance Certificate.

All other accounts shall be paid by the 20th day of the month following the month in which the invoice is issued.

I/We agree to pay according to these terms for any goods or services you supply to us. Failure to meet these Terms of Trade may result in any credit arrangement being withdrawn with any balance becoming payable within seven days. Should failure to meet the terms of trade result in debt recovery and/or legal proceedings, any costs whatsoever incurred in the collection of the debt including debt collector's fees and commissions and legal costs, charges and expenses on a solicitor and own client basis will be added to the account and will be payable by me/us.

Application authorisation

By entering your name in the box below you are giving your authority for this application to proceed under Section 92 of the Building Act 2004.

Name: _____ Date: _____

I am the: Owner Agent on behalf of, and with the authority of the owner

5. Attachments

The following documents are attached to this application: *(Where applicable)*

Other documents from personnel that carried out the work

Memoranda (records of building work) from licensed building practitioner(s) stating what restricted building work they carried out or supervised

Certificates that relate to the energy work *(e.g. gas and electricity)*

Evidence that the specified systems are capable of performing to the performance standards set out in the building consent

Proof of potability of drinking water from private well, and/or rain water catchment, supply

(Refer to New Zealand Drinking Water Standards 2005)

Important information

All the relevant information on this form is required to be provided under the *Building Act 2004* and/or *Resource Management Act 1991* for the Waimakariri District Council to assess your application. Under these Acts this information has to be made available to members of the public if requested. The information contained in this application may be made available to other units of the Council. You have the right to access the personal information held about you by the Council which can be readily retrieved. You can also request that the Council correct any personal information it holds about you.

Code compliance certificate

A Building Consent is not completed until it has been issued with a Code Compliance Certificate. The owner is required to complete a separate application for a Code Compliance Certificate as soon as practicable after the building work is completed. In any event no later than two (2) years after the granting of the Building Consent, the Council is required to decide whether or not a Code Compliance Certificate can be issued. If your project will not be completed within two years, you may request an extension which will need to be agreed to by Council (fees apply), refer to [building application forms and fact sheets](#).

Inspections

During the process of construction, inspections will be necessary to confirm all work complies with your approved Building Consent documentation. Please phone the Council Building Unit on 03 311 8906 at least **48 hours in advance** of requiring an inspection. Bookings are subject to demand and availability of inspectors, **please be advised that it is not always possible to carry out an inspection within 48 hours**.

The inspections required will be set out in the Building Consent documentation issued by the Council. Failure to have a prescribed inspection carried out may put the issue of the Code Compliance Certificate at risk.

All inspections including re-inspections are subjected to a separate charge, even if carried out on the same day.

Agency

The owner may authorise an agent to submit an application on their behalf.

The Agent will be the first point of contact for all communications with the Council/Building Consent Authority regarding the application for a Code Compliance Certificate under *Section 92 of the Building Act 2004*. They will receive all correspondence and must be authorised by the owner. All amendments require new authorisation.

The owner can elect to receive a copy of correspondence regarding this Code Compliance Certificate in "The owner" section of this application form, or by notifying Council during the Code Compliance Certificate process.

Fees

All work for the issue of a Code Compliance Certificate will be invoiced and needs to be paid in full as described in *Section 95 of the Building Act 2004* before the Code Compliance Certificate can be issued, refer to [building services fees and charges](#).

Notice to fix

If a Notice to Fix is issued, it will state the building work that must be carried out and will set a timeframe in which this work must be completed. Once the work listed has been completed a further inspection needs to be booked by phoning the Council Building Unit on 03 311 8906.

BUILDING UNIT

Producer Statement Installation for Solid-Liquid Fuel Heating Appliance

For installer to complete:

BC No.: _____

Issued by: (installer) _____

For: (owner) _____

Site address: _____

In respect of the installation of the solid or liquid fuel heating appliance prior to first use.

Heating appliance installation:

Free-standing Inbuilt Wetback Liquid fuel heater Make of flue: _____

Make of heating appliance: _____ Model of heating appliance: _____

Tick as appropriate:

Y N n/a

1. Is the heating appliance and flue as per the building consent
2. Chimney cleaned
3. Fireplace surround/chimney face junction sealed with a heat resistant material
4. The flue pipe is constructed of stainless steel
5. Seismic restraint fitted
6. Flue sections are secured together with stainless steel rivets
7. The flue is secured to the heating appliance
8. The chimney void has been vented at the top
9. Flue and appliance clearances have been achieved in terms of the manufacturers instructions and AS/NZS 2918:2001
10. Flue joints sealed in accordance with manufacturers instructions
11. The flue height meets the minimum specified in the manufacturer's instructions and ECan rules.
12. Smoke detectors (with hush facility) as detailed on the building consent documents are installed.
13. Liquid fuel only:
The appliance has been installed and commissioned in accordance with the manufacturer's installation and operating instructions, a copy of commissioning certificate is attached.
14. The liquid fuel storage tank and feed system has been installed in accordance with AS1691 and the consented documents.
15. Fire safety valve connected and working correctly

Continued over page

If you have answered 'no' to any items please comment:

Installer's name (please print/type)

I, _____ certify that the above specified installation has been carried out as described and in accordance with the manufacturer's installation instructions and the current Building Code requirements.

Installer's signature: _____ HHA Registration no: _____

Date: _____

PLEASE NOTE – A signature is not required if you submit this form electronically. By entering your name in the box above you are giving your authority for this Producer Statement.

Company name: _____

Company address: _____

Phone: _____ Email: _____

Wetback installation

If a wetback heater is fitted, name the certifying plumber who carried out the supervised work:

Plumber's name: _____ Registration no: _____

Signature: _____ Date: _____

Company name: _____

PLEASE NOTE – A signature is not required if you submit this form electronically. By entering your name in the box above you are giving your authority for this Producer Statement.

BUILDING UNIT

Form 2 Application for a Building Consent

Solid/Liquid Fuel Heater, Amendments and Exemptions - Not for Commercial Projects

Under The Building Act 2004, Section 45 & Schedule 1, Part 1, Clause 2

Please submit the Application for Solid/Liquid Fuel Heater by emailing to: **buildinginfo@wmk.govt.nz**

BC No.: _____

1. The Building

Street address (street/road/township): (where appliance is to be installed, for structures that do not have a street address, state the nearest street intersection and the distance and direction from that intersection)

Legal description of the land where the building is located: (state legal description as at the date of application and, if the land is proposed to be subdivided, include details of relevant lot numbers and subdivision consent)

Lot: _____ DP: _____ Valuation Number: _____ Resource Consent: _____
 Lot area: _____ Square metres _____ Hectares
 Building name: (if applicable) _____

Location of building within site/block number: (include nearest street access)

Number of levels: _____ Unit/Level No.: _____

Current lawfully established use: (include number of occupants per level and per use if more than 1)

Year building first constructed: _____ (Approximate date is acceptable, eg 1920's)

2. The Owner - all details must be the legal owner's

Name of owner: (include preferred form of address, e.g. Mr, Mrs, Ms, Miss, Dr, if an individual)

Contact person: (not required if the owner is an individual. Must have a New Zealand address)

Mailing address:

Street address/Registered office: (if different than above)

Phone number:

Landline: _____ Mobile: _____ Daytime: _____ After hours: _____ Fax: _____

Email: _____ Website: _____

As the owner, where you have given authorisation for an Agent to act on your behalf, please confirm if you require a copy of Building Consent correspondence and associated Inspection Notices following the formally received notification. Yes No

The following evidence of ownership is attached to this application:

Copy of Record of Title OR Council to provide *(additional charge of \$15)*
(Current within 1 month of being issued and must include a deposited plan [diagram]. Where the Record of Title is not current, Council will provide this [additional charge of \$15 applies])

Signed copy of Sales and Purchase Agreement *(If Record of Title is not issued)*

3. Agent – only required when the application is being made on behalf of the owner

PLEASE NOTE - Authorisation is required from the owner of the property.

Name of agent:

Contact person: *(not required if the applicant is an individual)*

Mailing address:

Street address/Registered office: *(if different than above)*

Phone number:

Landline:

Mobile:

Daytime:

After hours:

Fax:

Email:

Website:

Relationship to owner: *(state details of the authorisation from the owner to make the application on the owner's behalf)*

PLEASE NOTE - The Agent will be the first point of contact for communications with the Council/Building Consent Authority regarding this application/building work

4. Application

I request that the following (please select one) be issued for the building work described in this Application:

Building Consent

Exemption from the need for B/C

Amendment to Building Consent

(Refer Building Act 2004 Schedule 1, Part 1, Clause 2)

I wish to receive my approved documentation in the following format:

PLEASE NOTE - If hard copy, please confirm if you wish to pick it up from the Council or have it posted.

Electronically via Sharefile Transfer Portal (You must be set up and registered for this option)

Hard copy: *(onsite - this is an additional charge)* post OR pick-up

PLEASE NOTE - One set of "Onsite" hard copy consented documents must be available at all times for inspections.

All consent related invoices/refunds to be billed and sent to:

Owner

Agent

Or other (If other, please complete below)

Company name: *(if applicable)*

Contact person:

Mailing address:

Phone number:

Landline:

Mobile:

Daytime:

After hours:

Fax:

Email:

Website:

PLEASE NOTE - Any refunds are to the receipted name unless written authorisation has been received from the receipted person or company.

Terms of trade

I/We understand that:

Building Consents shall be paid for when the consent is collected/uploaded or if the consent is not collected/uploaded within three months after the date of consent being granted, the work done to date portion i.e. admin and processing costs of the account will be due and payable. The balance of the invoice will be payable when the consent is collected/uploaded.

All other accounts shall be paid by the 20th day of the month following the month in which the invoice is issued.

I/We agree to pay according to these terms for any goods or services you supply to us. Failure to meet these Terms of Trade may result in any credit arrangement being withdrawn with any balance becoming payable within seven days. Should failure to meet the terms of trade result in debt recovery and/or legal proceedings, any costs whatsoever incurred in the collection of the debt including debt collector's fees and commissions and legal costs, charges and expenses on a solicitor and own client basis will be added to the account and will be payable by me/us.

Application authorisation

By entering your name in the box below you are giving your authority for this application to proceed under Section 45 of the Building Act 2004.

Name:

Date:

I am the: Owner Agent on behalf of, and with the authority of the owner

5. The Project

Description of building work: *(Provide sufficient information below to enable scope of work to be fully understood) e.g. new log fire installed into existing dwelling. (If an amendment, please provide a complete description of the nature of the amendment.)*

Roof details

Pitch°:

Material: Longrun

Flashing type (please tick below):

☐ Concrete tiles with lead flashing/tile soaker

☐ Metal tiles with tile soaker flashing

☒ Profiled metal sheets with EPDM flexible boot and soaker flashing

☐ Other (specify in detail)

Appliance details

Make:

Model:

Flue manufacturer:

Clean air certificate number:

Type:

☐ New

☐ Solid fuel

☐ Wetback

☐ Freestanding

or

or

or

or

☒ Replacement

☐ Liquid

☐ Dryback

☐ Inbuilt

Replaced burner make:

Replaced burner model:



BC250749 APPROVED
Plans and specifications
in accordance with
Building Act 2004, clause 49
Building Regulations 1992, clause 3
7/08/2025 agatab

Wetback

Not applicable

If no previous wetback, provide full details of HWC, valving and venting below and attach specifications

If existing wetback, show location of HWC and provide details of venting below: (e.g. open vented low pressure)

Secondhand unit: Yes No Engineer's report enclosed: (if secondhand) Yes No

Inbuilt specific information

Is the building, where the fire is to be installed, a registered historic site or place?

Yes No

Is the fire being replaced into an existing fire place or ready made alcove? (tick one)

Existing fire place Purpose made alcove

If purpose made alcove, we need to know construction materials used, alcove size, and construction details for any proposed heat screens. Please provide full details below and attach further sheets if required.

Installer's details:

Installer's name:

Address:

Phone number:

Email:

Plumber's name: (If wetback)

Address:

Phone number:

Email:

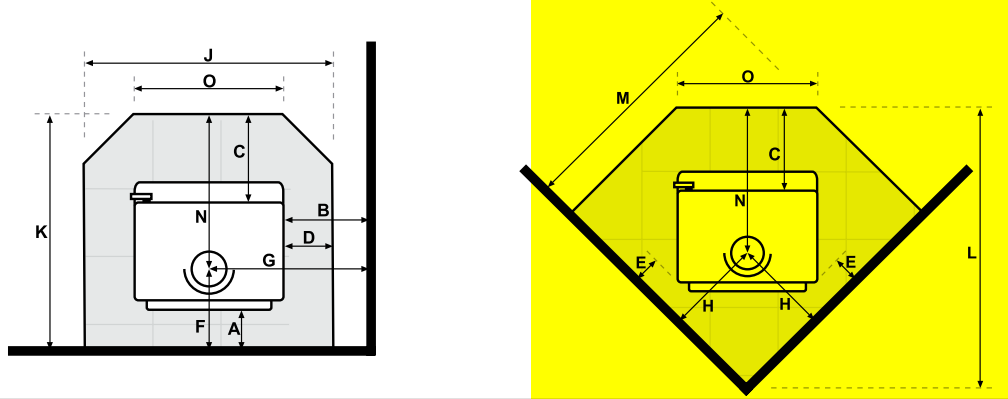
Registration number:

For free-standing units

Please use the space below to illustrate the location of the heater. If completing this form electronically, attach a picture to the email along with this PDF form, that fits the criteria stated below.

Notes:

1. Draw a full floor plan that accurately shows the location of the heater within the building
2. Show the location of adjacent walls, windows and doors
3. If wetback, show the location of the existing cylinder size and type



Fire installed as per manufacturer's clearances. (If not, please complete table below, A-N):

A	E	I	L
B	F	J	M
C	G	K	N
D	H		

Ceiling height at flue: 2.4m 2.7m Other

Ceiling: Flat Sloping

Wall heatshield being used for reduction of measurements: A&F B&G E&H

Wall to heatshield air gap size: 12mm 25mm (Add calculations to the box provided below)

Heatshield thickness: Material:

If different from above, please draw below and provide heatshield calculations:

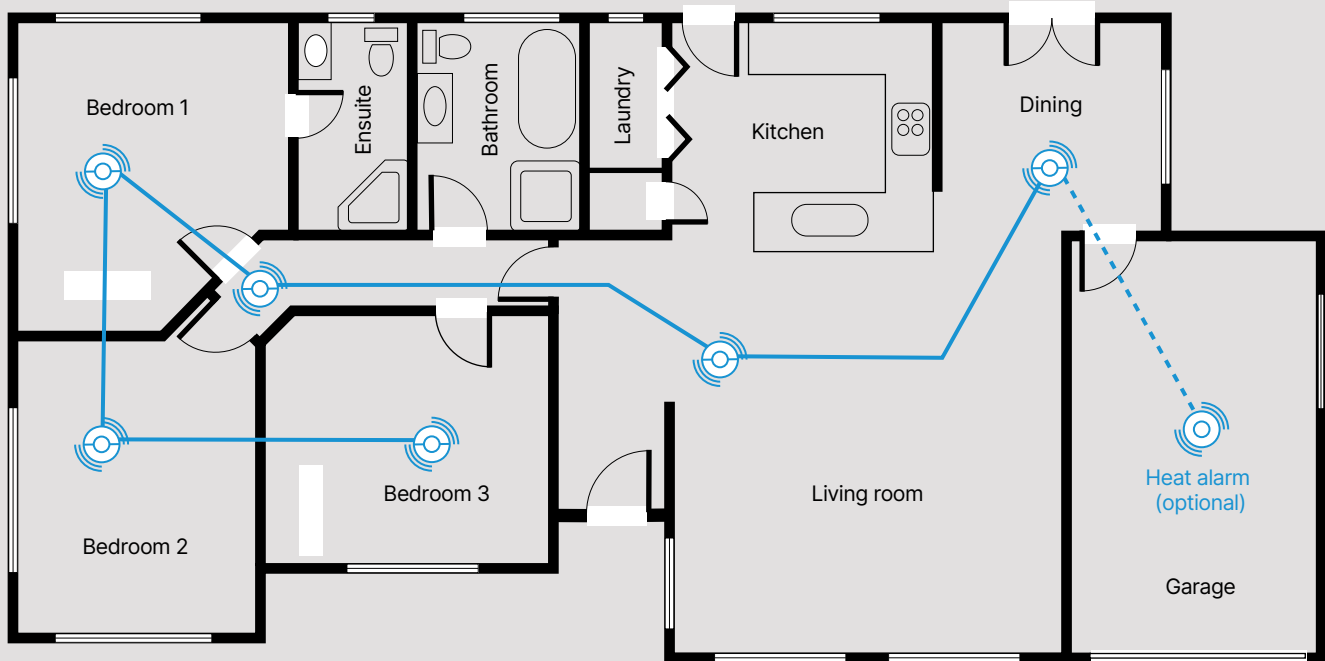
(Attach further sheets if necessary)



BC250749 APPROVED

Plans and specifications
in accordance with
Building Act 2004, clause 49
Building Regulations 1992, clause 3
7/08/2025 agatab

Floor Plan Example



Floor Plan:

(Include further pages if necessary; please attach with paperclip not staples)

6. Restricted building work

Will the building work include any Restricted Building Work (e.g. Alterations to the primary structure or external moisture management system. Note - forming a new penetration through roof cladding larger than 300mm or alterations to rafters, joist and trusses are considered Restricted Building Work)? Yes No

If Yes, provide the following details of all Licensed Building Practitioners who will be involved in carrying out or supervising the restricted building work (if these details are unknown at the time of the application, they must be supplied before the work begins).

Licence class	Name	Licensed building practitioner number (or registration number if treated as being licensed under section 291 of the Building Act 2004)

7. Building Consent

The following plans and specifications are attached to this application.

Clause (Tick relevant clause numbers of Building Code)	Means of compliance (Refer to the relevant compliance document(s) or detail of alternative solution in the plans and specifications)		Waiver/modification required (State nature of waiver or modification of building code required)
B1 Structure	✓ NZS3604	NZS4229	
	NZS1170	Other _____	
B2 Durability	B2/AS1	NZS3604	
	NZS3101	Other _____	
	NZS3602		
✓ C1-C6 Protection from fire	✓ C/AS1	Other _____	
	✓ C/VM1		
E2 External moisture	E2/AS1	Other _____	
	Specific design and testing		
F3 Hazardous substances and processes	F3/VM1	Other _____	
F7 Warning systems	F7/AS1	Other _____	
G4 Ventilation	G4/AS1	Other _____	
G9 Electricity	G9/AS1	Other _____	
G12 Water Supplies	G12/AS1	AS/NZS3500.4	
	AS/NZS3500.1	Other _____	

8. Attachments

The following documents are attached to this application:

- One copy of the installation instructions prepared by the heater manufacturer
- One copy of floor plan of the building showing the proposed siting of the heater and location of the smoke detectors
- One copy of detailed installation instructions for flue system
- One copy of flashing details
- Plans and specifications *(list)*:

Alternative plans and specifications *(if the applicant wants to obtain pre-approval for possible product substitutions, list)*:

Current (CodeMark) product certificate(s)

Alternative (CodeMark) product certificate(s) *(if the applicant wants to obtain pre-approval for possible product substitutions)*

Current (BuiltReady) manufacturer's certificate(s)

Memoranda (Certificates of Design Work) from licensed building practitioner) who carried out or supervised any design work that is restricted building work

Completed relevant application checklist(s) – refer to Appendix

Please continue on the Appendix as follows for further information requested by the Waimakariri District Council.

Appendix - further information requested by the Waimakariri District Council

Applicant's Wood Burner Check List

Domestic Smoke Alarms (Derived from from NZS 4514:2021 - F7/AS1 and C/AS1)

Each household unit shall be provided with a minimum of Type 1 domestic smoke alarm system in compliance with NZS 4514.

Location of Smoke Alarms:

- Smoke alarms shall be located in all bedrooms, living spaces, hallways, and landings within the building
- Where a kitchen is separated from the living spaces and hallways by doors, an alarm specified by its manufacturer as suitable for kitchens, is to be installed within the kitchen
- Multi level households to have at least one alarm on each level
- Smoke alarms are required to be interconnected by either hardwired to the mains or battery operated and located on or near the ceiling
- See NZS 4514 for a more detailed requirements.

Documentation Checklist:

Make and model of wood burner, and installation instructions

Make and model of flue and installation instructions

Are you in the Clean Air Zone? Call ECan on 0800 324 636

Is it Clean Air approved for properties under 2ha in the Waimakariri District?

(Refer to [ECan - Authorised burners](#))

Floor plan showing where the heater is sited in the room in relation to windows and doors. The floor plan must be to scale or dimensioned (See Floor Plan example on page 6).

Smoke detectors (where they are located in the building)

- All smoke detectors must be installed prior to final inspection and must be fitted with the "Hush" Button facility and interconnected as per NZS 4514
- For further information read our fact sheet "Domestic Smoke Alarm Systems for Dwellings"

Flashing detail

Details on the Fire Location

(See Fire Site example on Page 5)

Distance from walls

Distance from windows and curtains (if any)

Distance from doors

Office use only

Further information required? Yes No

Date/time received:

Officer:

Date/time vetted/accepted:

Officer:

Office use only

Amount paid: \$

Date:

Officer:

Fee paid on application

Deposit invoice sent

Date payment processed:

Receipt:

Officer:

Important Information

All the relevant information on this form is required to be provided under the *Building Act 2004* and/or *Resource Management Act 1991* for the Waimakariri District Council to assess your application. Under these Acts this information has to be made available to members of the public if requested. The information contained in this application may be made available to other units of the Council. You have the right to access the personal information held about you by the Council which can be readily retrieved. You can also request that the Council correct any personal information it holds about you.

Application information

a) Building Consent (BC):

A Building Consent will be processed within a maximum allowable time of 20 working days provided all the information required has been supplied. Processing time is stopped whenever further information is required and starts again when the correct information is received.

Once the Building Consent has been granted and issued, you will receive notification. Please note, if any additional fees are applicable at the time of granting the consent, an invoice will be sent with the notification and any fees must be paid before the Building Consent can be issued. Work must not start until the Building Consent is issued, and any Resource Consent requirements have been resolved.

A Building Consent lapses and is of no effect if the building work to which it relates does not commence within 12 months after the date of issue of the Building Consent or any further period that the Building Consent Authority may allow. You may request an extension which will need to be agreed to by Council (fees apply), refer to [building application forms and fact sheets](#).

b) If the applicant does not own the land, they must provide written approval from the owner to submit this application.

Fees

The application for a Building Consent must be accompanied by the fees as described in *Section 45 of the Building Act 2004*. Any additional work to process the Building Consent will be invoiced and needs to be paid in full before the Building Consent can be granted, refer to [building services fees and charges](#).

Inspections

During the process of construction, inspections will be necessary to confirm all work complies with your approved Building Consent documentation. Please phone the Council Building Unit on 03 311 8906 at least **48 hours in advance** of requiring an inspection to ensure that this can be arranged. Bookings are subject to demand and the availability of Inspectors, **please be advised that it is not always possible to carry out an inspection within 48 hours**.

The inspections required will be set out in the Building Consent documentation issued by the Council. Failure to have a prescribed inspection carried out may put the issue of the Code Compliance Certificate at risk.

All inspections including re-inspections are subjected to a separate charge, even if carried out on the same day.

Resource consent

Your application will be assessed by the Planning Unit of the Council to determine whether your project complies with the relevant District Plan requirements. It is recommended that you phone the Planning Unit on 0800 965 468 to discuss the process.

ECan

Please be aware that if your property falls within an ECan clean air zone or it is less than 2ha, there could be some limitations on the type of heating appliance you may install. This is covered by the *Resource Management Act 1991*. If you have any queries about this, please contact ECan, 0800 324 636.

Code compliance certificate

A Building Consent is not completed until it has been issued with a Code Compliance Certificate. The owner is required to complete a separate application for a Code Compliance Certificate as soon as practicable after the building work is completed. In any event no later than two (2) years after the granting of the Building Consent, Council is required to decide whether or not a Code Compliance Certificate can be issued. If your project will not be completed within two years you may request an extension which will need to be agreed to by Council (fees apply), refer to [building application forms and fact sheets](#).

Agency

The Owner may authorise an agent to submit an application on their behalf.

The Agent will be the first point of contact for all communications with the Council/Building Consent Authority regarding this application under *Section 45* and if authorised, the application for a Code Compliance Certificate under *Section 92 of the Building Act 2004*. They will receive all correspondence and must be authorised by the Owner. All amendments require new authorisation.

The owner can elect to receive a copy of correspondence regarding this Building Consent and associated Inspection Notices in "The owner" section of this application form, or by notifying Council during the Building Consent and/or Code Compliance Certificate process.



**RECORD OF TITLE
UNDER LAND TRANSFER ACT 2017
FREEHOLD
Search Copy**




R.W. Muir
Registrar-General
of Land

Identifier **CB23B/162**
Land Registration District **Canterbury**
Date Issued 23 December 1981

Prior References
CB23A/715

Estate Fee Simple
Area 798 square metres more or less
Legal Description Lot 21 Deposited Plan 44633
Registered Owners
Craig Andrew Wyllie

Interests
Land Covenant in Transfer 507049.1 - 11.9.1984 at 11.45 am

PT 1
D. P. 41962

PT R. S. 1178
RM. 58
732500 N
S.O. 15069

PT 1
D. P. 41962

PT 1
D. P. 23085

PT 1
D. P. 23215

LAND DISTRICT CANTERBURY
SURVEY BLK. & DIST. VI RANGIORA
NZMS 261 SHEET NO. M 35

LOTS 1-28 BEING SUBDIVISION OF
LOT 1 D. P. 41962

LOCAL AUTHORITY
Surveyed by D. ROWELL
Scale 1:600 Date APRIL 1981

W.B. Jones, Surveyor-General, Department of Lands and Survey, Wellington

Printed by G.B.D. Printers Ltd, Christchurch, New Zealand.

APPROVED
Attest solicited and authorized agent for R.P. from M.B. Fraser & Co.

REGISTERED OWNER
LOT 28 TO VEST AS ROAD IN THE RANGIORA DISTRICT COUNCIL (9241 m²)

Conditional Approval dated 1/9/81

LOTS 24, 25, 26 & 27 ARE RECREATION RESERVES TO VEST IN THE RANGIORA DISTRICT COUNCIL (188 m²)

LOCAL PURPOSE RESERVE (UTILITY) VEST IN THE RANGIORA DISTRICT COUNCIL (59 m²)

LOTS 22 & 23.

MEMORANDUM OF EASEMENTS.

NATURE	SERVIENT LOT NO.	TEM SHOWN	DOMINANT TENEMENT
RIGHT TO DRAIN SEWAGE	8 9 12 15	F G H I	9 & 10 10 11 11 & 12
RIGHT TO DRAIN WATER IN GROSS	15 12 11	J K L	15 12 11
RIGHT OF WAY TOGETHER WITH RIGHTS TO CONVEY WATER, ELECTRICITY & TELEPHONIC COMMUNICATIONS & RIGHTS TO DRAIN WATER & SEWAGE.	3 19 20	A B C D	4 3 20 19
RIGHT TO CONVEY ELECTRICITY IN GROSS	4	E	15 B

Total Area 22000 ha
Comprised in Pt C.T. 23A/715

I, DAVID ROWELL of CHRISTCHURCH Registered Surveyor and holder of an annual practicing certificate hereby certify that this plan has been made from surveys executed by me or under my direction, that both plan and survey are correct and have been made in accordance with the regulations under the Surveyors Act 1966

Dated at CHRISTCHURCH this 26th day of AUGUST 1981 Signature *David Rowell*

Field Book p. Traverse Book p.
Reference Plans D.P. 41962, S.O. 14705 & 15069
D.P. 23215, 23085, 24039, 23324, T.M. 58
Examined *John Kearns* Correct *J. J. Kearns*

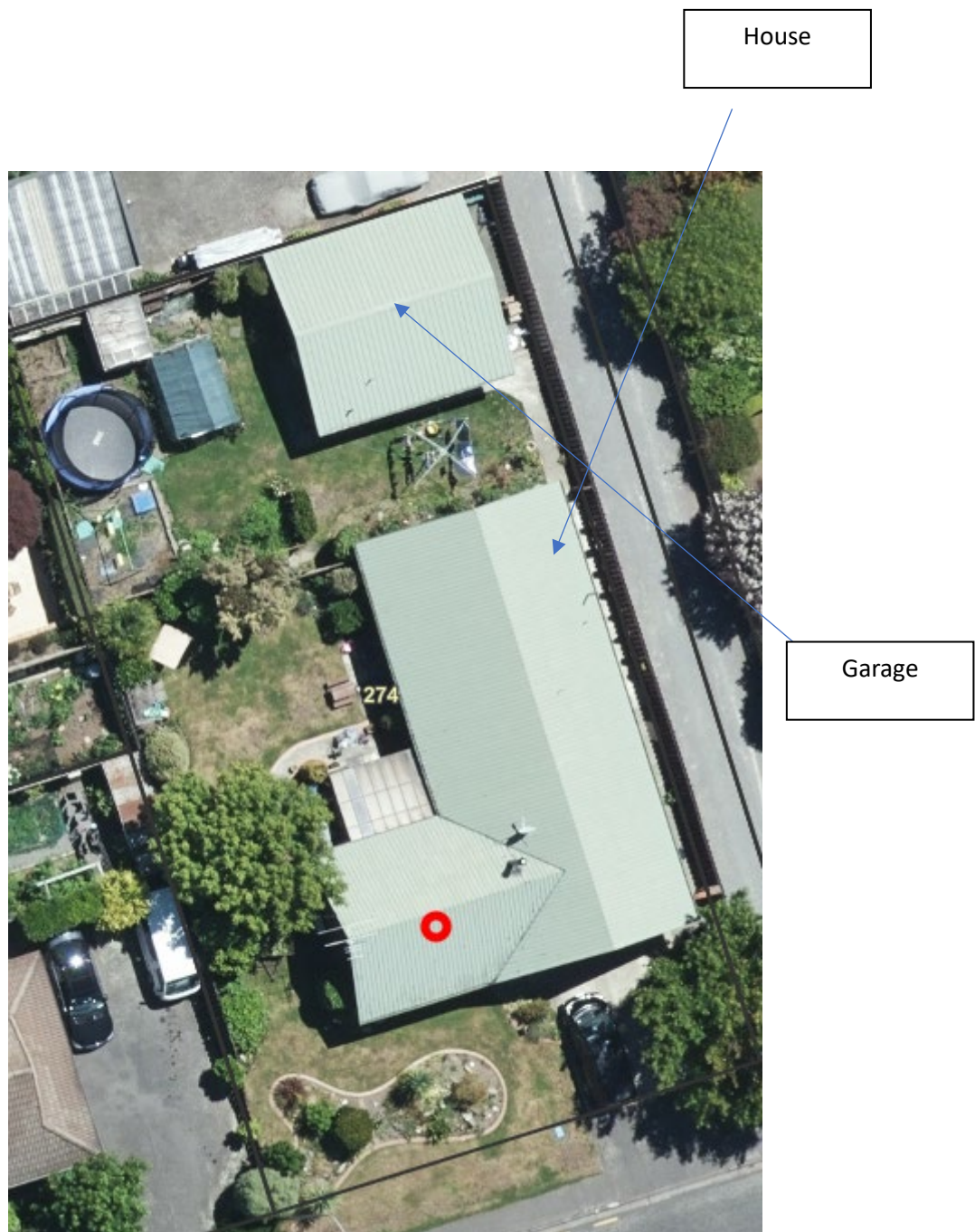
Approved as to Survey
30/11/1981 Deputy Chief Surveyor *J. J. Kearns*
Deposited this 23rd day of December 1981
Asst. District Land Registrar *John Kearns*

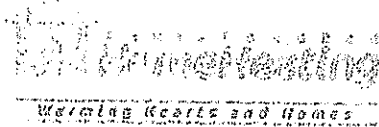
File Received 9.9.81 Instructions
DP44633

LAST FORM N 83

274 Kingsbury Avenue

- Woodsman Serene Wood Box
- Woodsman Heatsaver Flue Kit
- DEKTITE SQUARE BOOT FLASHING DFE108B 170-355 (BLACK)
- Bluetooth interconnecting Smoke alarms as per NZS 4514:2021





W H Harris Limited
41 Braddon St Addington
Christchurch, 8024
Phone: 03 366 1795

Supplementary Information

Applies N/A

- ☒ ☐ 1. All smoke alarms are installed to code:
 - a) Within three meters of all bedrooms and sleep outs.
 - b) Top or bottom of stairwell.
 - c) Within three meters of an exit.
- ☒ ☐ 2. All flues over 1.5m above the roof will be braced.
- ☒ ☐ 3. No structural timber will be cut, as an offset will be used if required.
- ☒ ☐ 4. Where there is a multi-story building, extra flue will be used to achieve necessary height.
- ☐ ☒ 5. Plumbing work is required. The plumbing work will be undertaken by:
Kerry Drummond (15385) from A1 plumbing.
- ☐ ☒ 6. There is no flashing detail supplied as:
 - ☐ a chimney pot will be used.
 - ☐ the flue will not penetrate the roof.
- ☐ ☒ 7. A ceiling plate will be installed to meet statutory clearances.
The ceiling plate will measure: _____ (mm) x _____ (mm), with an air gap of _____ (mm).
- ☐ ☒ 8. Alcove installation meets the minimum requirements/manufacturers specifications, as below:
 - ☐ Alcove width _____ (mm) and height _____ (mm).
 - ☐ A flue shield will be provided: Yes /No (delete one)
 - ☐ Wall shield used to reduce clearances. Yes /No (delete one)
 If yes, Material used: _____

Reduction calculation as per NZS 2918:2001 table 3.1 in standard 2918 being used:

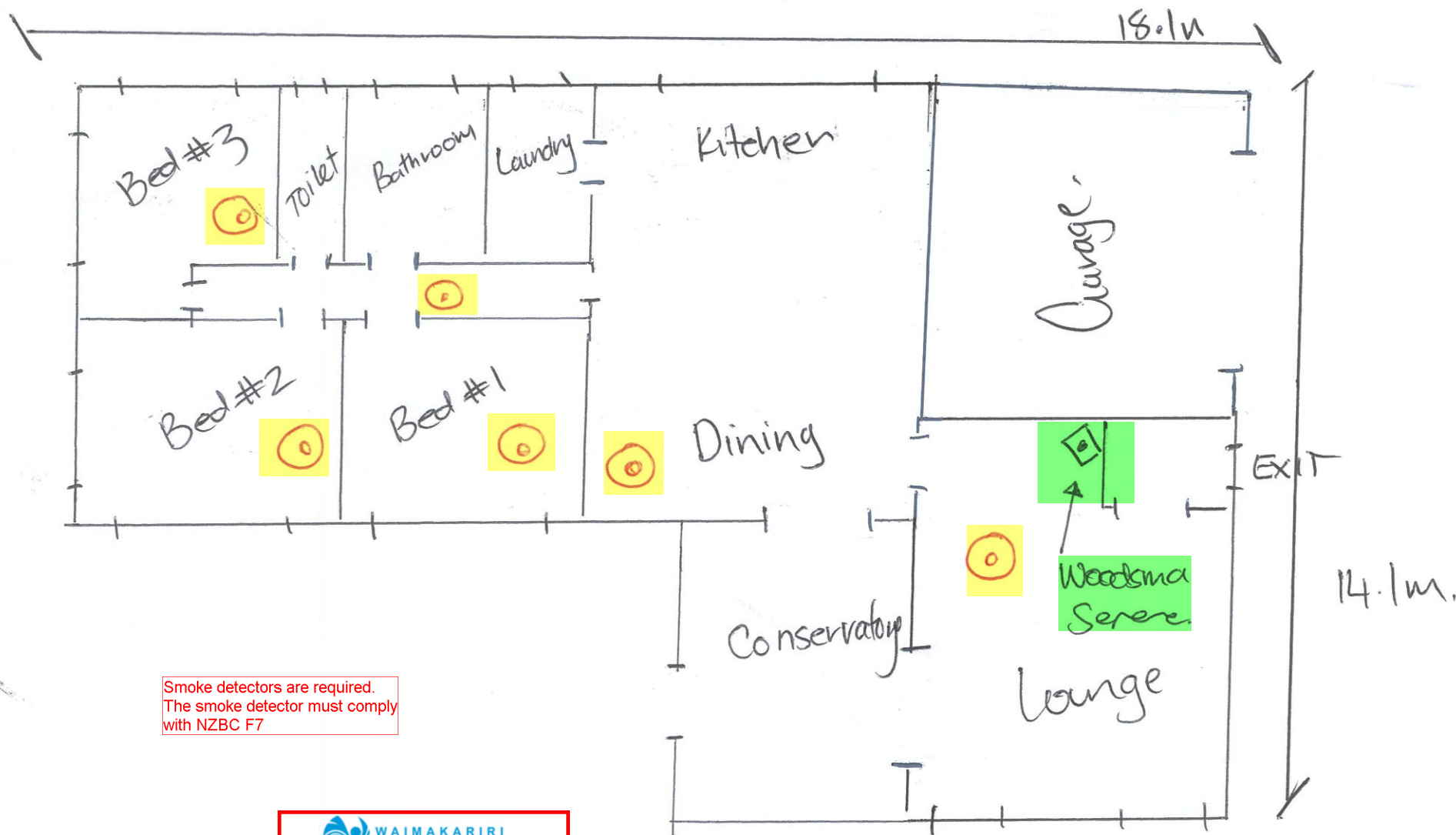
Constructions and clearance factors for appliance heat shields which are within 45° of the vertical		
Heat shield construction	Minimum air gap dimension(s) mm	Clearance Factor
<input type="checkbox"/> Single layer of continuous material	12	0.40
<input type="checkbox"/> Single layer of continuous material	25	0.30
<input type="checkbox"/> Two spaced layers of continuous material	12 + 12	0.20

Section 2

Specifications & Plans

- Floor Plan/s
- Heating Unit Specifications
- ~~Wetback details (if applicable)~~
- Flue Specifications
- Flashings

274 Kingsbury Ave



Smoke detectors are required.
The smoke detector must comply
with NZBC F7



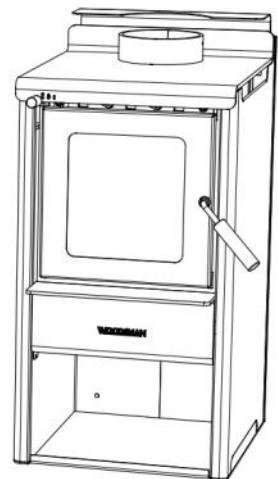
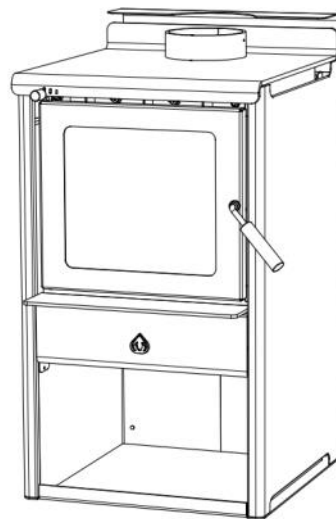
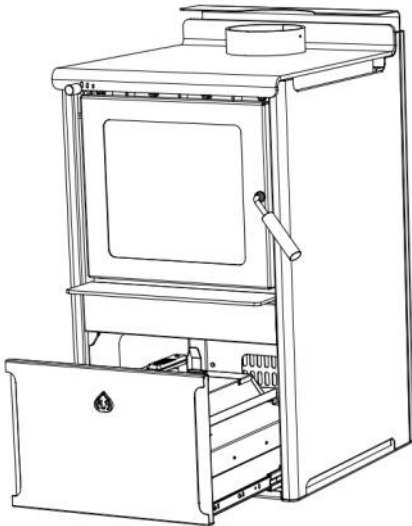
BC250749 APPROVED
Plans and specifications
in accordance with
Building Act 2004, clause 49
Building Regulations 1992, clause 3
7/08/2025 agatab

⊙ = Smoke Alarms
Interconnected



WOODSMAN

Specifications, Installation and Operating
Instructions for the:
Woodsman Serene Series
Ultra Low Emission Burners



Serene, Serene Wood Box & Serene Petite

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Proudly Manufactured By:



Harris Home Fires
41 Braddon St
Addington
Christchurch 8024
New Zealand
Email sales@hhf.co.nz

P O Box 4043
Christchurch 8140
New Zealand

Phone 03 366 1796
Freephone 0800 3661796



BC250749 APPROVED

Plans and specifications

in accordance with

Building Act 2004, clause 49

Building Regulations 1992, clause 3

7/08/2025 agatab

Testing and Certification

MODEL	AS/NZS 2918:2001	CM1.6 (ULEB)	AS/NZS 4012:2014	AS/NZS 4013:2014	Authorisation Number
Serene	Complies	—	66.2%	0.36g/kg	193597
Serene	Complies	25.7mg/MJ	—	—	194586
Serene WB	Complies	—	65.7%	0.37g/kg	194587
Serene WB	Complies	32.1mg/MJ	—	—	194588
Serene Petite	Complies		66.2%	0.35g/kg	212698
Serene Petite	Complies	36mg/MJ			212697

Warnings

- Your appliance and flue system should not be modified in any way without the approval of the manufacturer.
- Any modification of the appliance that has not been approved in writing by the testing authority is considered as breaching the conditions of the Serene certification and could be considered unsafe.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Do not leave children un-attended near a fire and keep them well away from the fire when in use. Supervise young children to ensure that they do not play with the appliance.
- Do not use flammable liquids or aerosols to start or rekindle the fire. Also do not use or store such flammable materials in the vicinity of this appliance when it is operating.
- The use of some types of preservative-treated wood as a fuel can be hazardous and is prohibited.
- Always keep clothing, firewood, furnishing and other combustible materials at a safe distance from the fire.
- Do not attempt to open the **Fire Safe Drawer** when fire is in use.
- Do not touch any part of the fire other than the door handle and the air control when in use as all other parts can be extremely hot.
- Cracked/broken door glass, makes the installation unsafe. Do not operate the fire with cracked glass.
- Do not use the fire if there is a malfunction, a suspicion of breakage or unusual noises. Contact your nearest Woodsman dealer or Harris Home Fires.
- This appliance should be operated & maintained at all times as per instructions given in this manual.

Failure to follow above warnings, cautionary measures and instruction given in this installation and operation manual will void the warranty of this product.

Before You Install

The installation of any solid fuel burner requires a Building Consent prior to installation commencing. We recommend the installation of a Woodsman solid fuel burner or flue system be undertaken by the holder of a current SFAIT (Solid Fuel Appliance Installation Technician) qualification issued by the NZHHA (NZ Home Heating Association Inc.).
www.nzhha.co.nz

Before Your First Light Up

- Ensure that your appliance has received a Code of Compliance from your local council building inspector.
- Ensure that your installer has sealed all the flue joints as per the installation instructions.
- Check to make sure that all the internal parts (bricks, baffles and air tubes) are properly in place and have not been moved during transit or installation.
- Be aware that when you first light the fire, there will be visible smoke that will come off the paint for approximately 30 to 60 minutes. This is quite normal and is the paint going through the final baking on process. The fire should be fully loaded with wood and run at the high setting for this time. We recommend that you light your fire at a suitable time of day where the area can be ventilated by opening doors and windows and disable any smoke alarms that may be affected.
- Read the lighting instructions in this document.

Before You Use

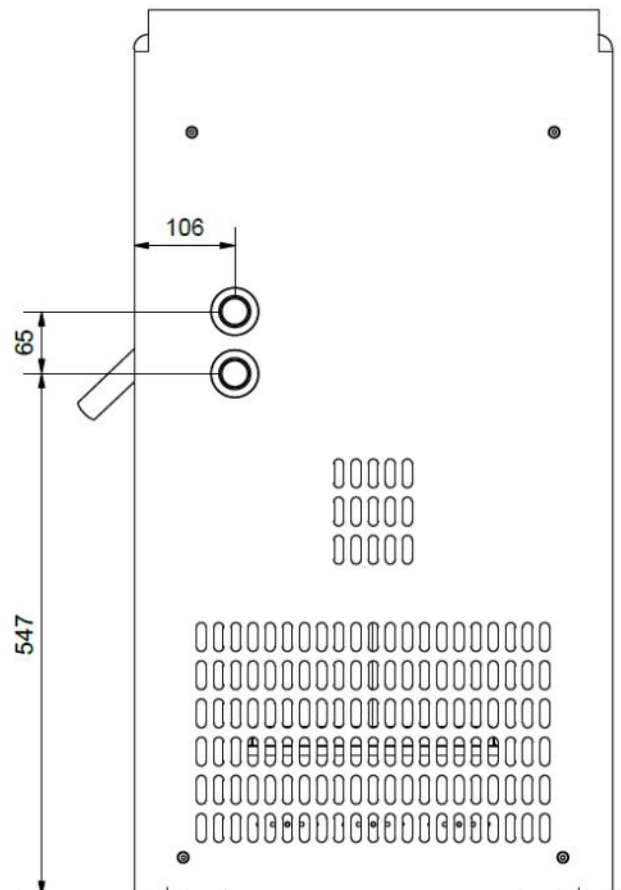
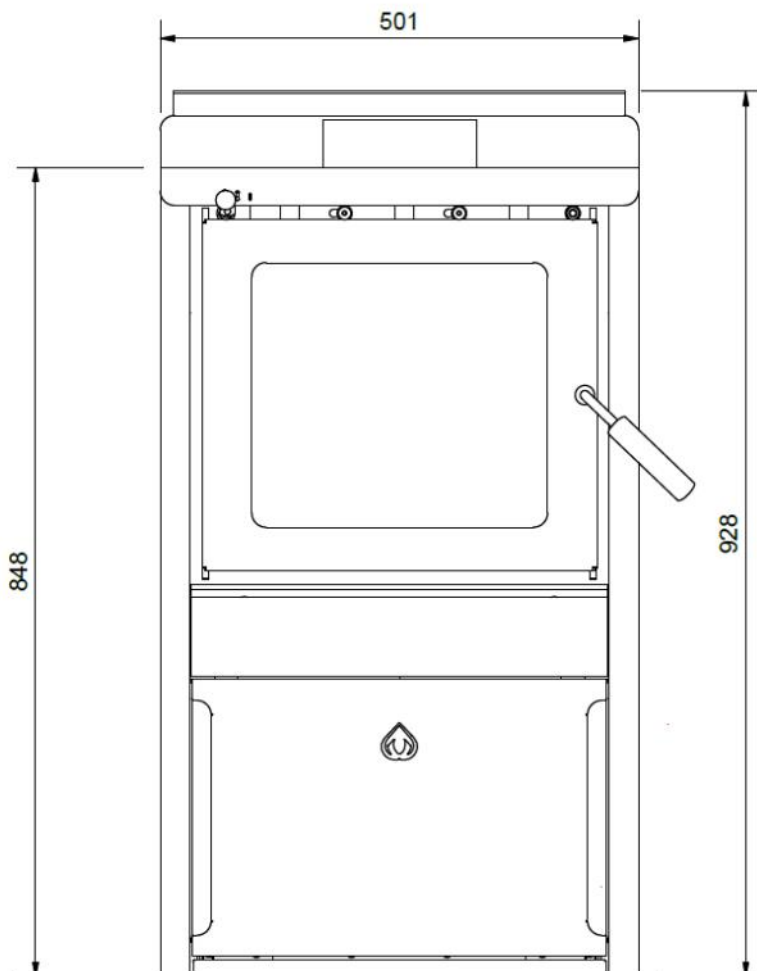
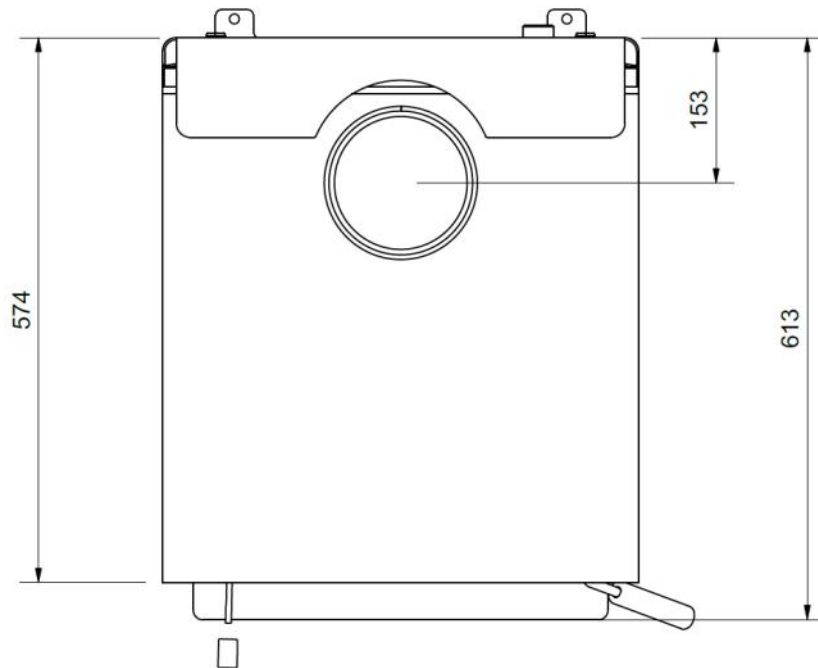
It's important to note that modern clean air wood burners are different from older, non clean air approved burners. They operate differently and have different levels of maintenance. It is important to understand these differences to ensure that your fire operates efficiently, hassle free and you are doing your part to keep the air clean.

- Lighting your fire properly is important to ensure that the rest of the burn is clean and efficient.
- Your clean air approved burner has some consumable parts that your old fire probably didn't have.
- What type of wood you burn, its quality and how you burn it has a big impact on burn efficiency, air quality and the life of the consumable parts.

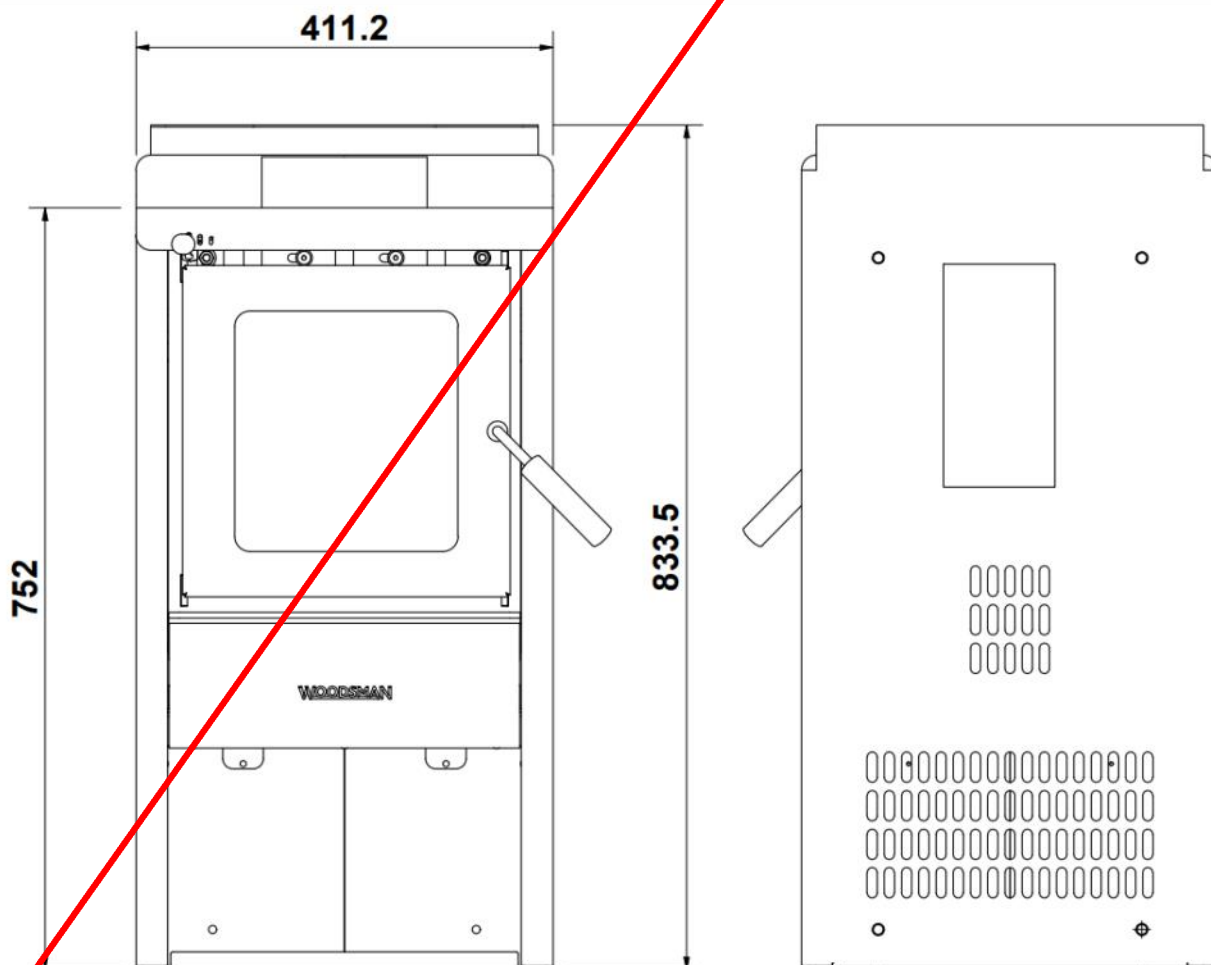
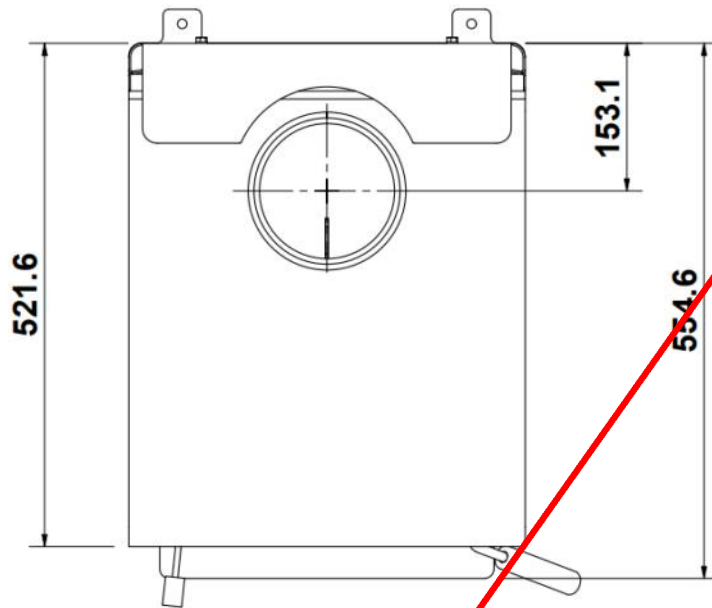
Please have a careful read of the rest of this manual to familiarise yourself with the best practises for using, maintaining and enjoying your Woodsman fire.

It's also important to be aware that a wood stove is a hands on and practical appliance. It requires user maintenance on a regular basis and you need to be prepared to perform the tasks listed in the guide. If you are not able or confident in performing these tasks, please contact a service agent.

Dimensions Serene & Serene Wood Box

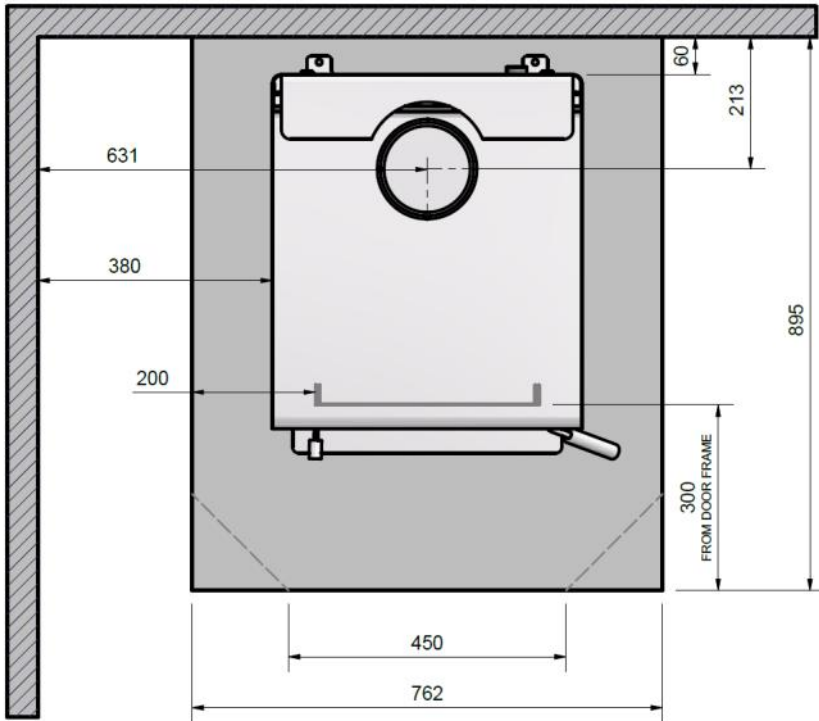


Dimensions Serene Petite



Minimum Safe Installation Clearances to COMBUSTIBLE Materials Serene & Serene Wood Box

As tested to AS/NZS 2918:2001 by Spectrum Laboratories, Test report number 0531



Technical Requirements

Floor protector:

Ash Hearth, any non-combustible material of any thickness

Flue Shield:

1200mm high

Wet-back Rear Clearance

The Serene does not require access for maintenance behind the fire, therefore the fire can be installed as close as 60mm to the rear wall.

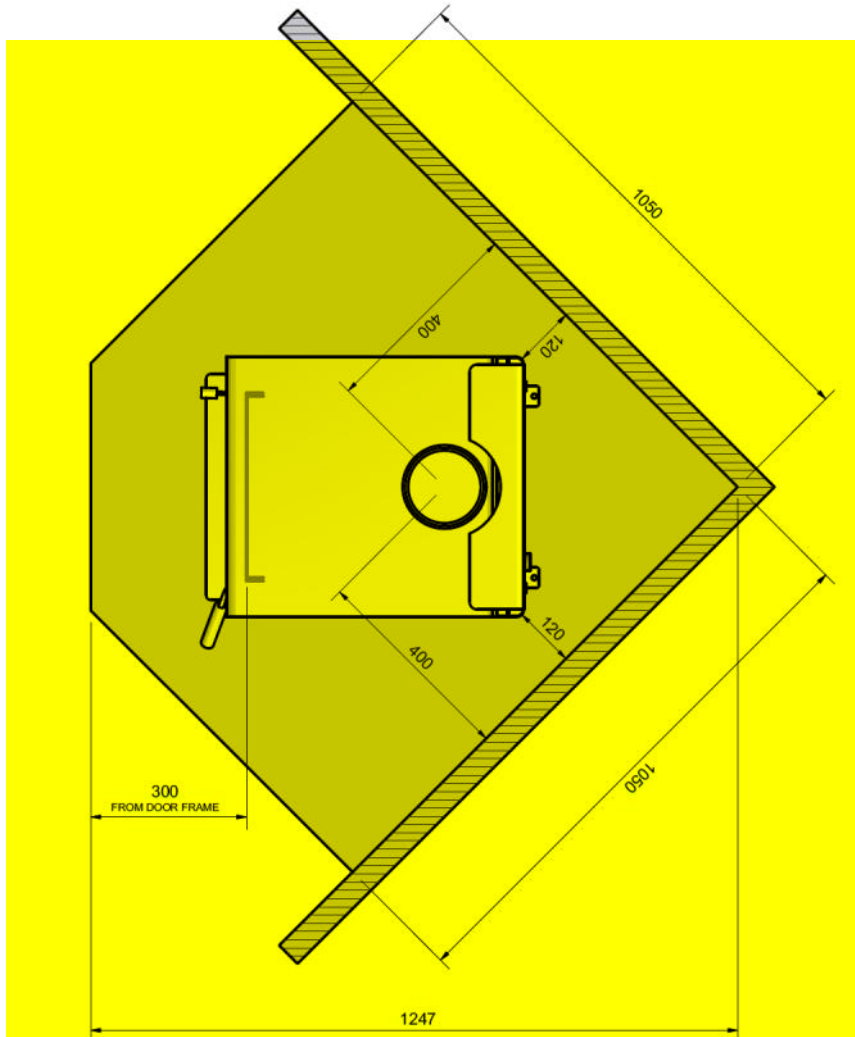
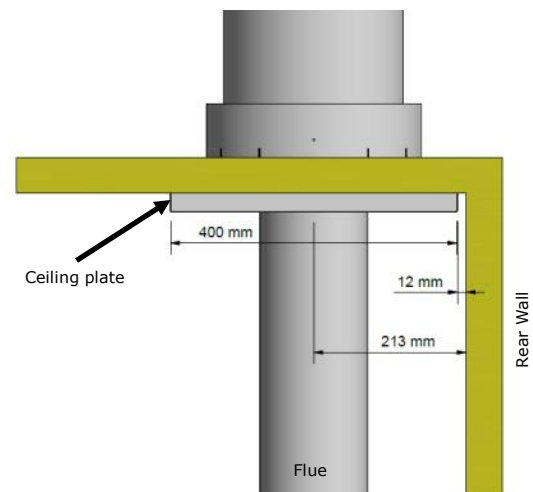
However, this is a minimum and additional clearance may be required for tool access when fitting a wetback.

It is advised that you check with your installer or plumber if additional clearance behind the fire is needed.

Ceiling plate requirements

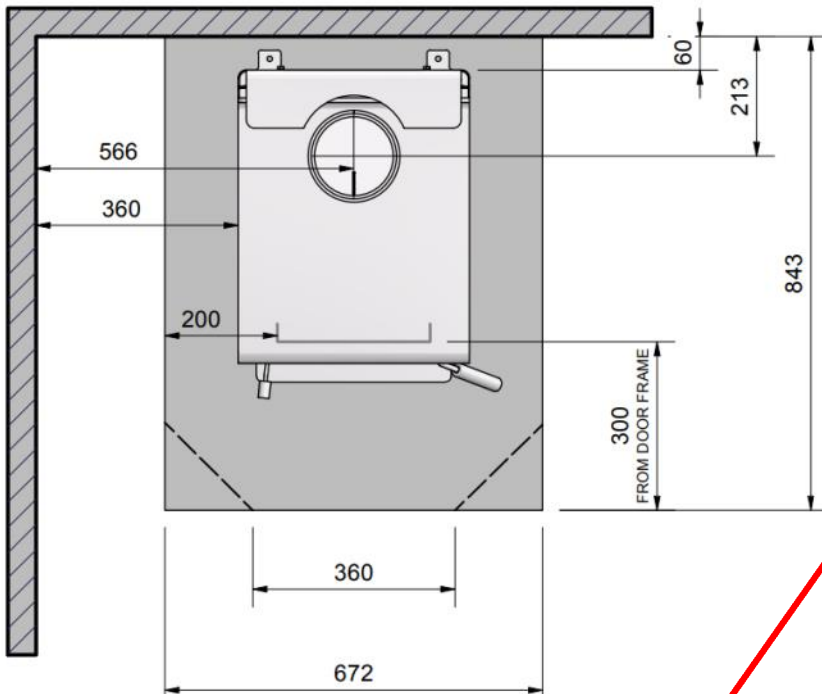
The Serene has a minimum ceiling plate size of 400mm x 400mm

Due to the Serene's low rear clearance, the ceiling plate may be in close proximity to the wall. This may interfere with ceiling coving or mouldings where the wall and ceilings meet if. If they are a feature of the room, they may need to be cut back to allow the ceiling plate to fit, or the fire may need to be pulled away from the wall further than the minimum rear clearance.



Minimum Safe Installation Clearances to COMBUSTIBLE Materials Serene Petite

As tested to AS/NZS 2918:2001 by Spectrum Laboratories, Test report number 0531



Technical Requirements

Floor protector:

Ash Hearth, any non-combustible material of any thickness

Flue Shield:

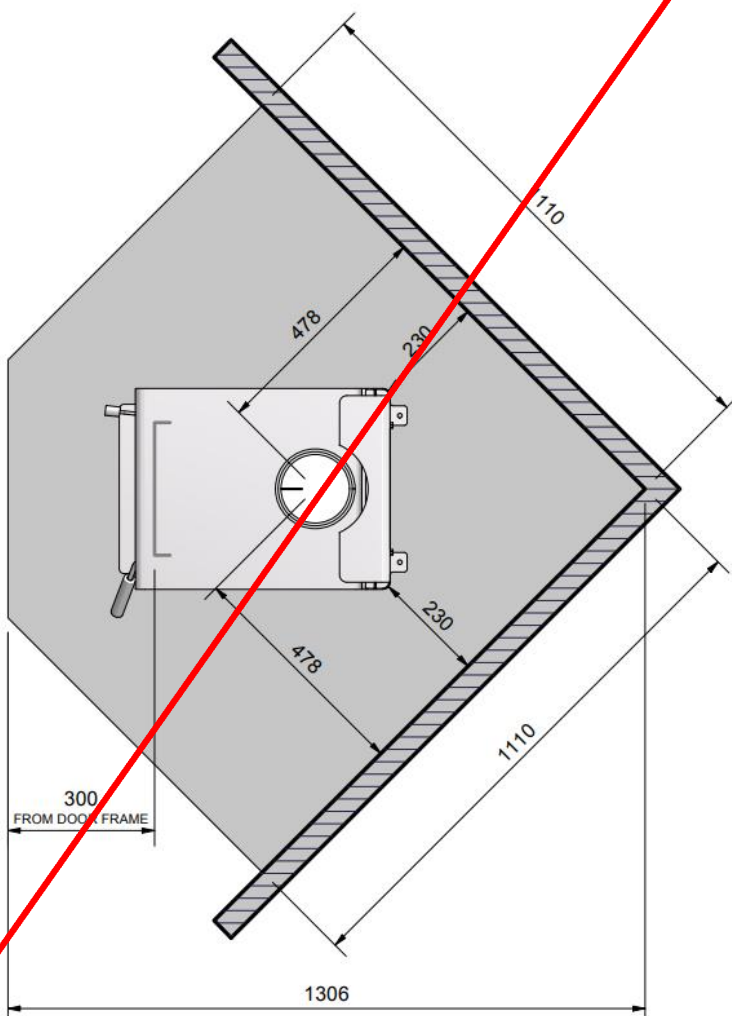
1200mm high

Wet-back Rear Clearance

The Serene does not require access for maintenance behind the fire, therefore the fire can be installed as close as 60mm to the rear wall.

However, this is a minimum and additional clearance may be required for tool access when fitting a wetback.

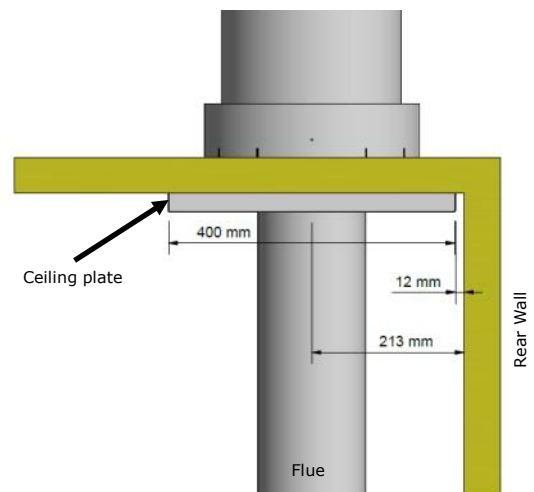
It is advised that you check with your installer or plumber if additional clearance behind the fire is needed.



Ceiling plate requirements

The Serene has a minimum ceiling plate size of 400mm x 400mm

Due to the Serene's low rear clearance, the ceiling plate may be in close proximity to the wall. This may interfere with ceiling coving or mouldings where the wall and ceilings meet if. If they are a feature of the room, they may need to be cut back to allow the ceiling plate to fit, or the fire may need to be pulled away from the wall further than the minimum rear clearance.



Ceiling Heights

All Woodsman free standing fires have been tested and approved to AS/NZ 2918:2001 App B with a ceiling height of 2.4m and with the factory flue shield fitted in the below configurations. In some cases, the top of the flue shield terminates within 600mm of the ceiling height (refer to AS/NZ 2918:2001 **4.5.2**) but all ceiling temperatures did not exceed the allowable limit in these cases and are therefore able to be installed. Reports are available on request for Councils.

If the ceiling height is less than 2.4m, then heat shielding is required as per AS/NZ 2918:2001 Table 3.2

Sealing Flue Joins

IMPORTANT

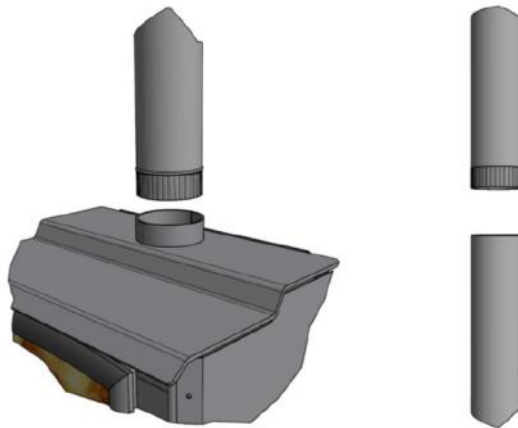
All Flue Joins Are Required To Be Sealed Using Flue Cement

It is extremely important that ALL flue joins are sealed at the time of installation using flue cement or a suitable exhaust cement.

If flue joins are not sealed properly, it can lead to performance issues with the fire such as;

- Lower heat output of the fire, due to decreased performance
- Blocked flue
- Smoke coming out the door when open, due to decreased suction
- Hard to light

The formation of soot and creosote will not seal the flues, especially on the lower lengths, as the high temperatures inhibit its formation.



Any issues that arise as a result of the flues not being sealed, are not covered by the warranty and are not the responsibility of the manufacturer.

It is the installer's responsibility to ensure that this is done at the time of installation.

HEATING UNIT and FLUE to be installed in strict accordance with the manufacturers instructions.
UNIT and HEARTH shall be restrained in accordance with the Building Code, clause B1 and AS/NZS 2918:2001.
Council RECOMMENDS the heating unit is NOT LIT until the Final Inspection has Passed and the Code Compliance Certificate has been issued.

Installation Instructions

We recommend this appliance be installed by a trained and NZHHA qualified installer.

Warning: the appliance and flue system shall be installed in accordance with AS/NZS 2918:2001 and the appropriate requirements of relevant building code/codes.

Warning: appliances installed in accordance with this standard shall comply with the requirements of CM1.6 where required by the regulatory authority, i.e. the appliance shall be identifiable by a compliance plate with the marking "Tested to CM1.6".

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: cracked and broken components e.g. glass panels or ceramic tiles, may render the installation unsafe.

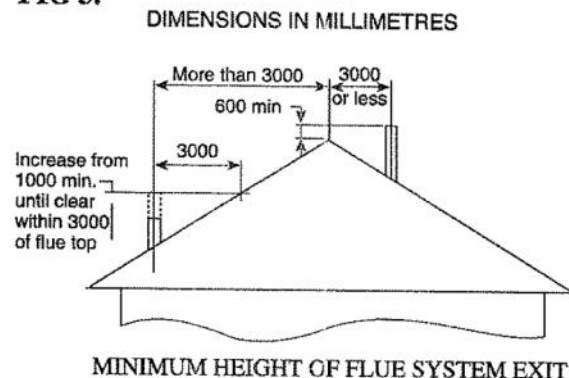
- Maintain a clearance of at least 1 metre between front of the appliance and building structure or any other substantial immovable object.
- Your appliance shall be seismically restrained, including the floor protector using the provided holes or brackets. The restraints should be sufficient enough to resist a seismic loading equal to 0.4 times the mass of the appliance. We recommend a minimum of 8mm dynabolts on concrete floors and 8mm coach screws for wooden floors, of appropriate length.

Minimum Flue Height

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



These are considered to be **minimum dimensions**, and depending on local conditions, **taller flue system heights may be required for satisfactory performance. The total flue height should be no less than 4.6m from the level of the floor protector.**

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.

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

Insist on a genuine HeatSaver Flue System.

HEATING UNIT and FLUE to be installed in strict accordance with the manufacturers instructions. UNIT and HEARTH shall be restrained in accordance with the Building Code, clause B1 and AS/NZS 2918:2001. Council RECOMMENDS the heating unit is NOT LIT until the Final Inspection has Passed and the Code Compliance Certificate has been issued.

Lighting Procedure

It is important to follow these steps to ensure the fire will operate as intended and to ensure a clean and efficient light up.

What you will need:

- A. Approximately 16 pieces of kindling wood, about 1kg in weight (total)
- B. 4 x pieces of small sized wood (**intermediate load 1**), approximately 300mm in length, 1.2kg in weight (total)
- C. 4 x pieces of medium sized wood (**intermediate load 2**), approximately 300mm in length, 2.5kg in weight (total)
- D. 3 x natural fire lighter cubes
- E. Matches



Important: Ensure installation instructions have been adhered to before lighting the appliance.

Reminder: For your comfort, it is advised that you light your first fire with the windows open to allow the escape of paint fumes. This will normally happen for the first 30 to 60 minutes of the first burn. Ensure the fire is run at a high temperature during this period.



D

Natural fire lighters

Step 1. Loading the wood for lighting

Place the 4 pieces of small wood (intermediate load 1) across the bottom. Then stack the 16 pieces of kindling wood in a 'cross stack' style on top of the intermediate load 1 with the 3 fire lighter placed on top of the kindling wood as shown.

Lighting Procedure Continued



Step 2. Light the fire lighter cubes

Light the 3 fire lighter cubes. Once the fire lighters have caught well alight, the main door can be fully shut.



30 mins



Step 3. Load intermediate load 2 (4 pieces)

After approximately 30 minutes (or when the fire has burned down to red embers with minimal yellow flame), the fire is ready for the next load.



Load the 'intermediate load 2' onto the embers and close the door.

Lighting Procedure Continued



30 mins

Step 4. Regular loading

After approximately 30 minutes, your fire is ready for regular loading of wood. It is recommended that you use a minimum 3 to 4 pieces of wood when reloading your fire.

Reloading Procedure

It is important to note that when and how you reload your fire is important. Please follow these steps when reloading.

The door should not be opened until the wood inside has burned down to red embers and large yellow flames are minimal. The goal is to burn your wood in cycles for the cleanest and most efficient burn.

- If the fire has been on low, turn the fire onto the high setting for 5 minutes before reloading.
- Place the wood in the 'front to back' orientation, and ensure that the size of wood is appropriate for your firebox.
- Do not overfill your fire box with wood. You should fill your firebox only to about 2/3 capacity, approximately 2 to 4 pieces depending on the size.
- Allow the wood to burn right down to large red embers with minimal yellow flame before repeating the process.

Appropriate Firewood

Your Woodsman wood fire is designed to burn logs from trees which would typically be sourced from a reputable wood merchant as firewood.

The most common species is radiata pine, which is a soft wood. Other common species of wood like macrocarpa are also appropriate to use and some hard woods like eucalyptus (bluegum) can also be used in conjunction with softwood.

The size of the wood will vary, but the typical length should be from 200mm to 350mm and the diameter around 150mm.

The wood should be appropriately seasoned, which will depend on how it is stored, but the moisture content should be below 25% before use.

Your Woodsman wood fire is NOT designed to burn anything other than typical firewood as stated above, at the risk of damaging your firebox and voiding the warranty.

Do not burn, treated wood, building off cuts, drift wood, rubbish, garden waste, coal, old man pine (or other very resinous woods) or anything other than typical fire wood. If you need further clarification on a fuel, please contact Woodsman or your retailer before using it.

Creosote Formation

A small intense fire is preferable to a large smouldering one, to reduce the amount of creosote. When wood is burned slowly it produces tar and other organic vapours, which combine with expelled vapour to form creosote. These creosote vapours condense in the relatively cool flue of a slow burning fire. As a result, creosote residue accumulates on the flue. When ignited, this creosote makes an extremely hot fire.

The flue should be checked at least every 2 months, during the burning season, to determine if a creosote build up has occurred. If this is the case, it should be removed by a chimney sweep to reduce the risk of an unexpected flue fire.

Your appliance has been designed to produce low levels of creosote at high and low settings.

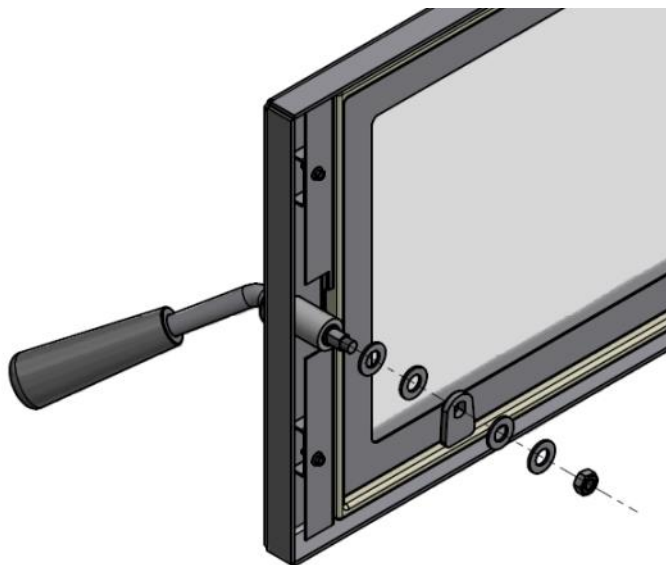
In the event of a chimney fire, close the firebox door, fully close the heat control, vacate the premises and call the fire service.

Storage of Fuel

Do not store fuel within installation clearances or within the space required for refuelling or ash removal. Wood should always be stored in a dry place out of the rain. We recommend your wood be seasoned for at least 6 months before use. Dry wood also burns hotter and more efficient than wet wood.

Door Catch Adjustment

From time to time, your door catch may need to be adjusted to ensure a tight seal. The seal in the door is a fibreglass door rope and will compress over time. To adjust the door catch, undo the nut on the door assembly and redistribute the 4 washers to either tighten or loosen the catch. The door rope will need to be replaced during the life of the fire and you may need to loosen the catch at that time.



Caring for your Fire & Maintenance

Door Glass

- Ensure logs are not too long for the depth of the firebox. Do not attempt to close the door if a log is protruding from the front of the firebox opening.
- A broken glass is caused by the door being closed onto a full firebox or logs not correctly placed into the fire.
- Wiping your glass regularly with a glass cleaner when cold will keep the glass clean. The Serene Drawer Model Includes a Glass Cleaner which is designed to be used dry to buff the glass clean. Replacements can be purchased through our online store.

Door Rope

- The door rope will need to be replaced from time to time. When replacing the rope or if the door rope becomes loose, press the door rope firmly back into the retainer. Flue cement or maniseal may be needed to help keep it in place.

Cleaning the Outside of the Fire

- Woodsman fires are finished in a high temperature paint. Only use a damp cloth (no chemicals) when cleaning the outside of the fire. If any scratches occur, you can easily touch up the fire with an aerosol can of matching paint. This is available from your retailer or Harris Home Fires.

Cleaning the Flue

- Keeping your flue clean is important. We recommend that you have your chimney swept at least once a year. A blocked flue not only effects the performance of the fire, but can also be a hazard as you are susceptible to chimney fires.
- Poor quality and wet wood will increase the number of times you will need to clean the flue. Good quality wood is important.

Cowl Maintenance

- Your Columbia Cowl is fitted with a Teflon Sleeve to reduce noise and wear. The Teflon Sleeve may need to be replaced over the life of the fire and should be checked during an annual service or when the flue is cleaned. If the shaft is dry and dirty, it should be cleaned back to a bare metal finish and a thin layer of graphite or high temperature grease applied before replacing the Teflon Sleeve.
- Older versions of the Columbia Cowl do not have a Teflon Sleeve and require re-greasing one to two times a year

Ash Level

- It is important to maintain a 2 - 3cm level of ash in the bottom of the fire for insulation purposes. But do not let the level get too high as you run the risk of logs and coals falling out of the fire. You also get less wood in the firebox.

Fire Safe Drawer

(Not Available in Wood Box model)

Your Serene comes with a Fire Safe Drawer located in the pedestal of the fire. Its purpose is to provide a convenient place to store kindling wood, matches, newspaper and natural fire lighters. Having a place to store these items can make it very quick and easy to light your fire and reduce clutter around the fire.

WARNING: Do not store flammable liquids or aerosols

While the Fire Safe Drawer has been lab tested to ensure that temperatures are safe, it is not designed to store anything other than kindling wood, matches, newspaper and natural fire lighters.

WARNING: Do not use Fire Safe Drawer while fire is burning

The Fire Safe Drawer should be not opened or operated while the fire is in use, at the risk of hot ashes or embers falling into the drawer.



Fire Safe Drawer open in position 1 to expose the No Mess Ash Scoop



Fire Safe Drawer open in position 2 to use storage drawer

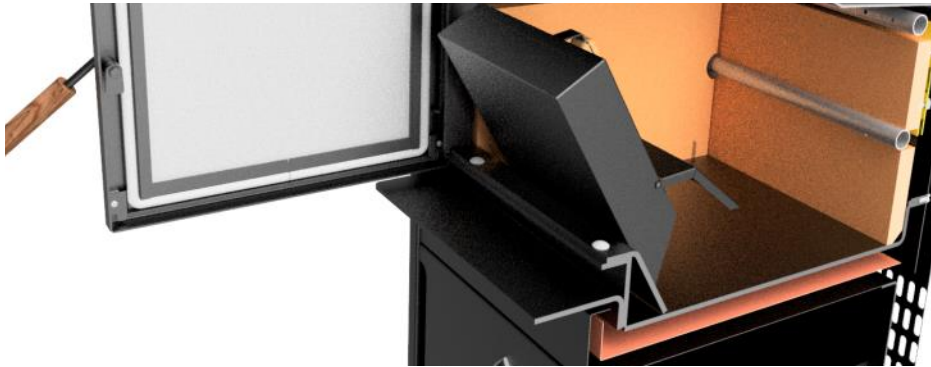
No Mess Ash Scoop

(Not Available in Wood Box model)

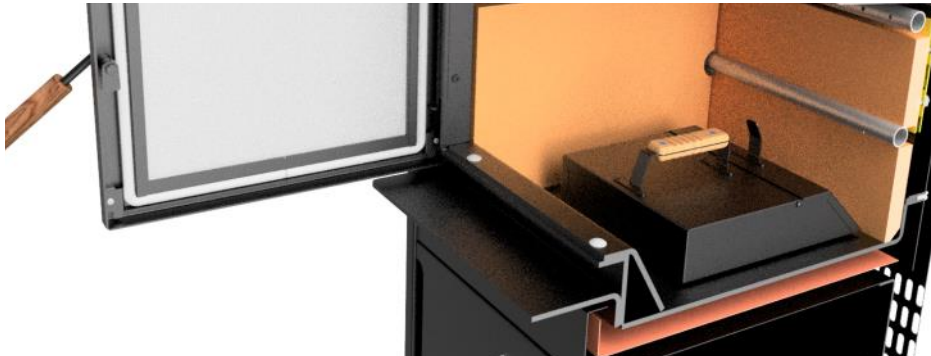
Your Serene comes with a No Mess Ash Scoop located on top of the Fire Safe Drawer, in the pedestal of the fire. Its purpose is to provide a clean and simple way to remove ashes from the fire.

WARNING: Do not remove hot ash and embers from the fire

The No Mess Ash Scoop is designed to remove cold ash only from the fire. Allow up to 12 hours after the fire has gone out before removing ash.



While holding open the lid with the thumb tab, run the scoop along the bottom of the fire-box, towards the rear of the fire.



Once the scoop is full of ash or has reached the rear of the fire-box, release the thumb tab to close the lid to contain the ash.

If needed, the No Mess Ash Scoop can be stored back in the dock with cold ashes inside until disposal, but it is recommended to dispose of the ashes immediately by leaving them outside in a metal or non combustible container. Once you are 100% certain the ash is cold, you may then dispose of the ashes in the garden, compost or rubbish bin.

Consumables

Some parts of your Woodsman fire are considered consumable. They are designed to be replaced as they will degrade over time. The life of the consumables will vary depending on;

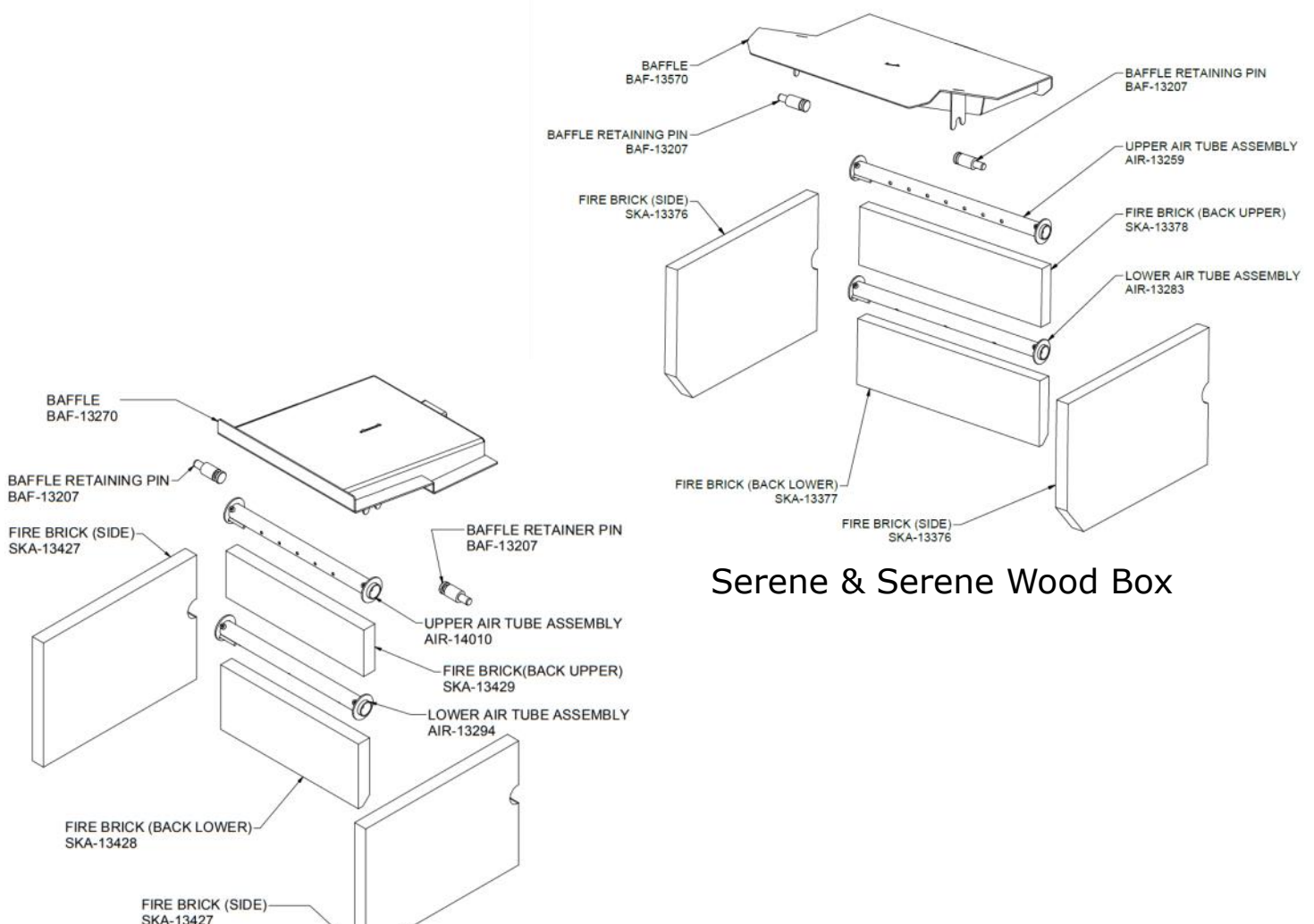
- Frequency of use. How often is the fire used?
- Rate of burn. Is the fire burning on low or high the majority of time?
- Type of fuel. Some woods are much harsher than others.
- Level of ash.

General items that are considered consumables:

- Baffles
- Fire bricks
- Air tubes
- Glass seals and door ropes

It is very important that you replace these parts when they show sign of wear. They effect how the fire runs and you may increase your fuel consumption or lower your efficiency if not replaced, and can in some cases, damage the firebox. It is generally obvious once a part is in need of replacement. Steel components may split or large holes may appear and fire bricks may disintegrate. Fire bricks that are cracked but still remain in place are completely safe to use and only need to be replaced when they no longer remain in place. A cracked fire brick may still last years of use.

We recommend you check your fire visually several times a year for damaged components.



Serene & Serene Wood Box

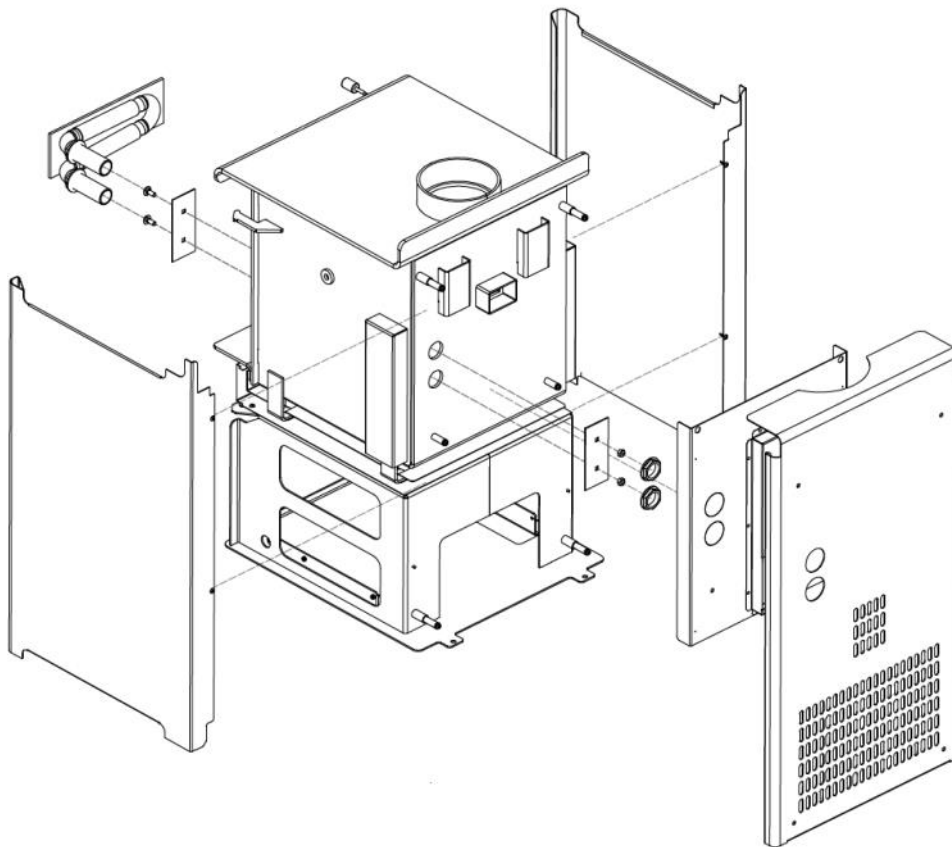
Serene Petite

Fitting the Wetback To The Firebox

Instructions for fitting a loose wetback to the firebox where the fire has been pre-punched with wetback holes.

- Remove knock-outs and cover plates in the rear panels
- Remove top rear firebrick
- Undo coach bolts on firebox plug to expose wetback holes
- Remove 1 nut off each wetback tube
- Place wetback into fire (removed firebrick does not need to be replaced)
- Replace nuts onto the rear of the wetback. Ensure the wetback is level before tightening using a 40mm tube socket

This task should be completed before the fire is positioned in place.



Note: Rear panels do not need to be removed if a tube socket is used for tightening

WETBACK WARNINGS:

- Do not connect to an unvented hot water system.
- **NEVER** burn the appliance without the wetback connected to the water system. This will immediately damage the wetback and void the warranty.
- AS/NZS 2918:2001 states; "all water connections to an appliance shall be in accordance with the appropriate requirements of AS 3500.4.1 or NZS 4603 and the regulatory authority, as appropriate".

Useful Tips

Get the most out of your fire

Tips for lighting the fire

- Use finely cut, dry kindling wood.
- Firelighter cubes or gel work best when ensuring ignition of the kindling.
- Cross stack kindling over and around fire lighter like a small tower.
- Use ample kindling wood to ensure a good fire, you want to get the fire hot as fast as you can.

Tips to help get the highest heat output:

- Open the air slide to increase the amount of combustion air to the combustion zone.
- Use smaller pieces of wood and lots of it. Small pieces of wood have a larger surface area compared the same volume of wood but in larger pieces.
- Feed the fire regularly. Keep the fire topped up with fresh wood to keep the temperature up in the combustion zone.
- Use dry wood. Wood with a moisture content of less than 16% will burn much hotter than damp wood. Use a moisture meter to determine the moisture content of the wood.
- Use a soft wood. Soft woods like Radiata Pine burn fast and hot.

Tips for increasing the burn time:

- Shut down the air slide to decrease the amount of combustion air to the combustion zone.
- Use large pieces of wood. Large pieces have a smaller surface area compared to small pieces of the same volume and will burn slower.
- Use a hard wood like Blue Gum (where permitted). Hard woods are denser and take longer to burn.
- Completely fill the fire box with large pieces of wood. The more wood in the fire, the longer it takes to burn.
- Load the wood at the right time. If you load the fire when there is a large amount of red embers, the wood will all combust at the same time. A good idea is to let the fire burn down quite considerably and push the embers off to one side. Stack the wood in the firebox and the wood will ignite on one side only and slowly burn from one side to the other.

Trouble Shooting

My fire won't turn down

The first thing to be aware of is that some new clean air fires do not shut down like old fires. Old fires used to shut all the way off and the wood would just smolder.

Other reasons for this problem may be:

- Consumable parts have burned out and needs replacing, visually check.
- Door seal is not sealing properly and may need replacing. Take a thin strip of news paper, close the door on it at various spots, if the paper can be easily pulled out, then either a new door rope is needed or door latch needs adjusting by redistributing the washers on the door latch.

There is rust on my fire

Rust appearing on your fire can only occur when moisture or water is present and has began to oxidize the steel.

- Identify where the water or moisture has come from and fix the problem.
- Lightly sand the effected area and use matching Woodsman aerosol high temperature paint to touch up.

My glass is dirty

Your glass can get dirty easily if you use poor quality or wet wood or spend a lot of time with the fire on the low setting.

- Give the fire a good hot run on the high setting to burn off the residue on the door
- If that fails, there are special cleaners especially for this purpose or oven cleaner works well. Do not get chemicals on the paint work.

My fire smokes when I open the door

There are many reasons which may cause this symptom and it is often a process of elimination to remedy the problem.

- Your flue length may be too short. Even though it may be of legal length, every installation is different and you may require an additional length of flue.
- Your flue may be blocked, have the flue looked at.
- The baffle may not be in place correctly, visually check to see if it has moved.
- You may need a cowl like the Columbia cowl to help encourage draw, especially where there are environmental problems like high winds.
- Your flue may be getting too cold. If the flue gases get too cold, they can struggle to be exhausted and when the door is opened, they find it easier to exit via the door than the flue. If you suspect your flue is getting cool, turn the fire up onto high for a few minutes before reloading, this will increase the temperature of the flue and increase the flue draught.
- Check that the installer has sealed **ALL** the flue joints and there are no gaps which will leak air into the flue, reducing the draw.

The paint has been damaged

Paint finishes are not as durable as enameled finishes, but they are extremely quick and easy to touch up and the fire can look new in minutes.

- If damage has occurred to the paint, lightly sand the effected area and touch up using Woodsman High Temperature Paint.

My fire seems to be performing poorly, not burning well on high

If your fire doesn't seem to burn well at the high level, check the following:

- Negative pressure, make sure there are no extraction devices like fans creating a negative pressure in the home.
- The flue length is long enough.
- The wood is dry.
- The flue is clean.



WOODSMAN

Serene Series Warranty

15 Year Firebox Warranty 2 Year Parts Warranty

Your Woodsman Serene fire is warranted for a period of 2 year to the original purchaser, from the date of purchase, against defective materials and workmanship which includes the firebox and all parts.

If a part defect occurs, return the part to the retailer or directly to Harris Home Fires along with a copy of the retailers receipt and a replacement part will be sent at no cost. The parts warranty does not cover the cost of fitting and replacing parts. Bricks that are cracked, but remain in place do not need to be replaced and are not covered by warranty.

If a firebox defect occurs, either contact the retailer or Harris Home Fires and it will be repaired or replaced at our discretion with all costs covered.

This warranty does not cover damage caused by mishandling, misuse, failure to follow the manufacturer's installation and operating instructions, or work done by others, such as installers, or plumbers etc. The manufacturer shall not be responsible for site conditions such as insufficient draught, downdraughts, or routine servicing and adjustments.

Damage caused by the failure to replace consumables like air tubes, baffles and fire bricks or not burning the recommended fuel, may void the warranty.

Your Woodsman Serene firebox is then covered by a further 8 year warranty against defective materials and workmanship during normal domestic use.

In the case of a claim after the second year, this warranty covers the cost of replacement or repair at the manufacturer's discretion and includes freight, painting and all required refurbishment.

Your Woodsman Serene is then covered by a further 5 year warranty on the fire box against defective materials and workmanship during normal domestic use.

In the case of a claim after the first 10 years, It shall be the owner's responsibility and expense to have the fire disconnected and ready for pickup from onsite or another suitable location or deliver the WOODSMAN fire to either the dealer from whom it was purchased or directly to Harris Home Fires. Harris Home Fires will pick-up, repair and refurbish the fire, including painting as necessary and deliver the fire back to the customer.

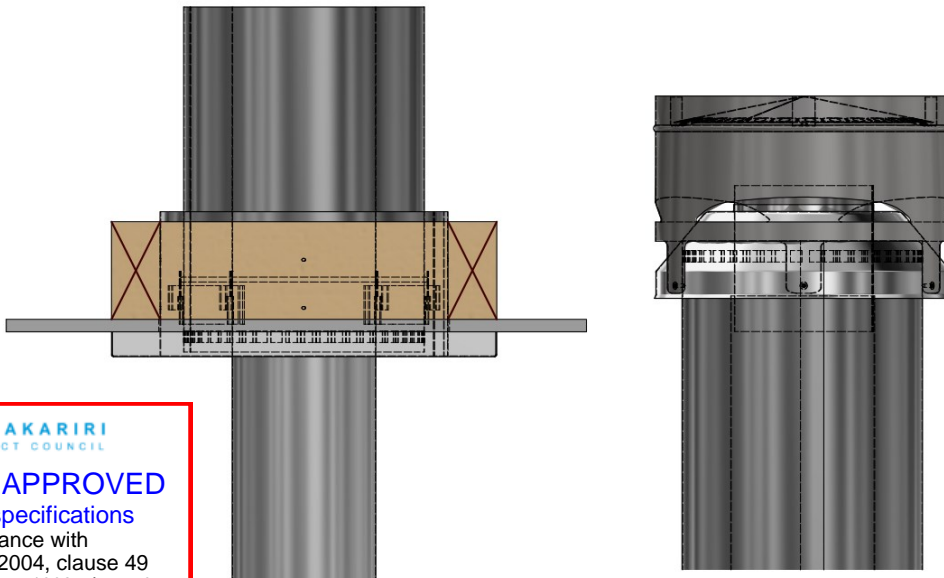


Harris Home Fires
41 Braddon St
Addington
Christchurch 8024
New Zealand
Email sales@hhf.co.nz

P O Box 4043
Christchurch 8140
New Zealand

Phone 03 366 1796
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Fax 03 366 1795

HeatSaver Flue Kit Installation Instructions For Solid Fuel Appliances



BC250749 APPROVED
Plans and specifications
in accordance with
Building Act 2004, clause 49
Building Regulations 1992, clause 3
7/08/2025 agatab

The installation of any Woodsman solid fuel burner requires a Building Consent prior to installation commencing. We recommend the installation of a Woodsman solid fuel burner or flue system be undertaken by the holder of a current SFAIT (Solid Fuel Appliance Installation Technician) qualification issued by the NZHHA (NZ Home Heating Association Inc.).
www.nzhha.co.nz

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

Proudly Manufactured By:



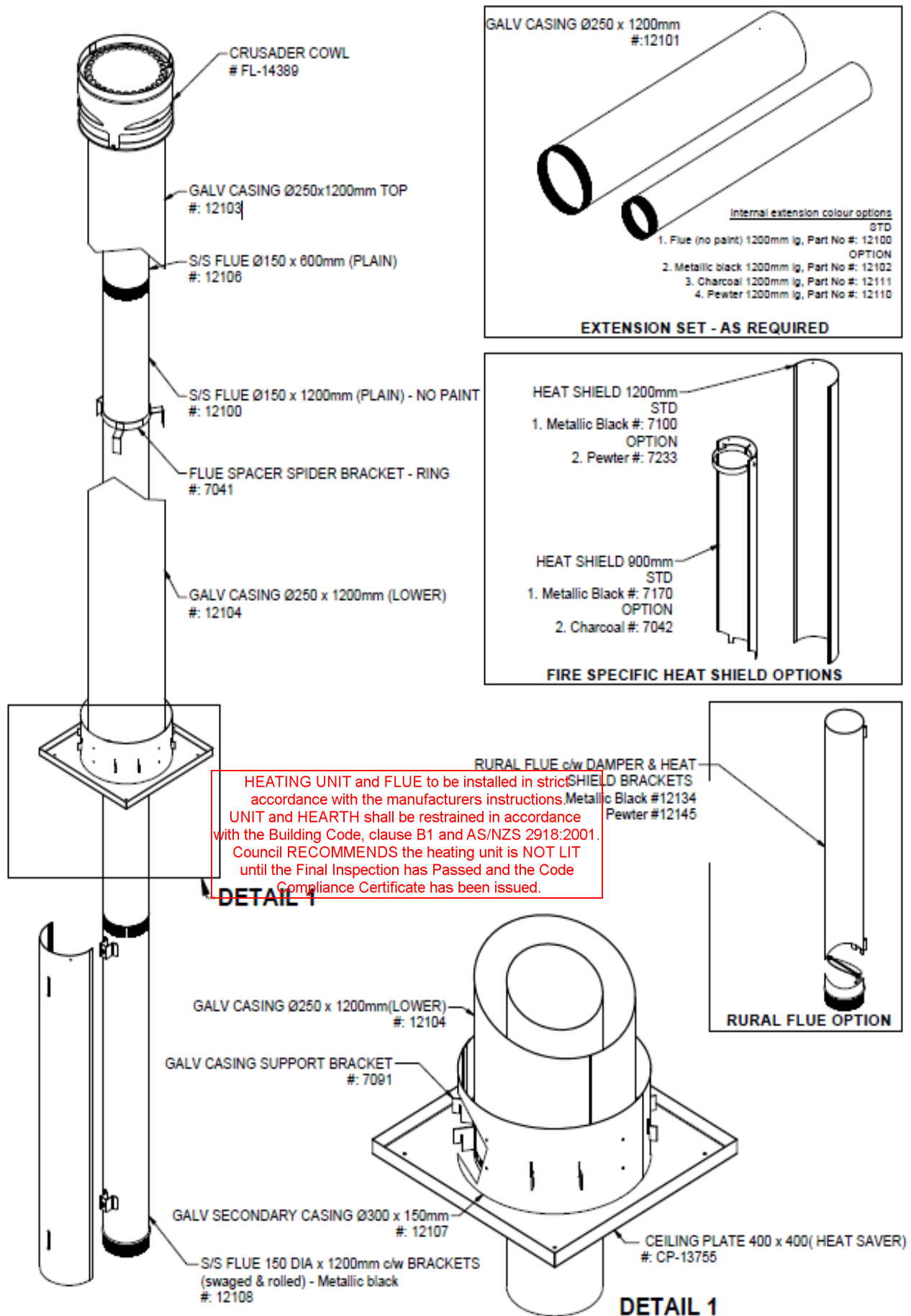
Harris Home Fires
41 Braddon St
Addington
Christchurch 8024
New Zealand
Email sales@hhf.co.nz

P O Box 4043
Christchurch 8140
New Zealand

Phone 03 366 1796
Freephone 0800 3661796
Fax 03 366 1795

HEATING UNIT and FLUE to be installed in strict accordance with the manufacturers instructions. UNIT and HEARTH shall be restrained in accordance with the Building Code, clause B1 and AS/NZS 2918:2001. Council RECOMMENDS the heating unit is NOT LIT until the Final Inspection has Passed and the Code Compliance Certificate has been issued.

HEAT SAVER II FLUE KIT



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.
- 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, ensure the flue is flush with the casing at the top. If it is higher than the casing, the cowl can not be fitted correctly.
- Fix the bottom section of the HeatSaver Columbia Cowl in place and ensure that it is firmly down on top of the casing. Then attach top section by bending tab away from the shaft to allow the top section to slide down onto the washer. Bend tab back in place once done. Do not over bend tab so that it touched the shaft. See page 6
- 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. (see page 4)**

IMPORTANT

All Flue Joints Are Required To Be Sealed Using Flue Cement

It is extremely important that ALL flue joints are sealed at the time of installation using flue cement or a suitable exhaust cement.

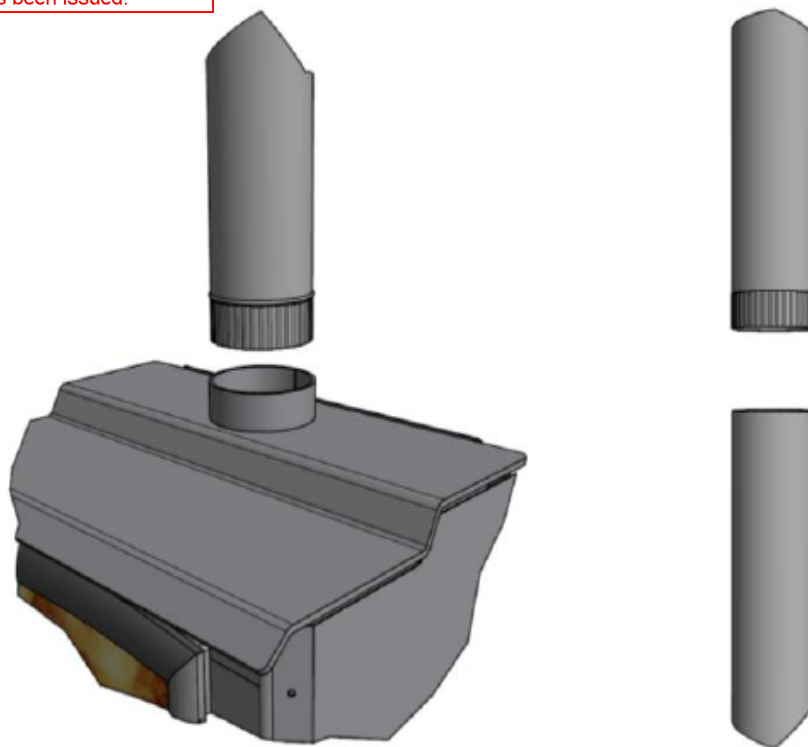
Woodsman fires are designed and tested with all flue joints sealed.

If flue joints are not sealed properly, it can lead to performance issues with the fire such as;

- Lower heat output of the fire, due to decreased performance
- Blocked flue
- Smoke coming out the door when open, due to decreased suction
- Hard to light

The formation of soot and creosote will not seal the flues, especially on the lower lengths, as the high temperatures inhibit its formation.

HEATING UNIT and FLUE to be installed in strict accordance with the manufacturers instructions. UNIT and HEARTH shall be restrained in accordance with the Building Code, clause B1 and AS/NZS 2918:2001. Council RECOMMENDS the heating unit is NOT LIT until the Final Inspection has Passed and the Code Compliance Certificate has been issued.



Any issues that arise as a result of the flues not being sealed, are not covered by the warranty and are not the responsibility of the manufacturer.

It is the installer's responsibility to ensure that this is done at the time of installation.

Fitting Factory Flue Shields

Your HeatSaver Flue System comes standard with a factory flue shield of one of 2 types;

- **900mm high**, contains 1 x painted metal strap. This is used for the Woodsman ECR, Blaze, Boston, Manhattan, RMF and Milford.
- **1200mm high**, This is suitable for the Woodsman Brunner, Tasman, Aspen, Tar-ras, Strongman and other branded fires which can use 1200mm high single heat shields.

Fitting the 900mm High Flue Shield

1. The heat shield has 2 'tabs' at the bottom which corresponds to 2 slots on the fire behind the flue neck. Insert the tabs.
2. Take the metal strap and fold the two ends around the flue until they meet at the back of the flue at about the height of the top of the heat shield.
3. Hold both ends together and push the tabs through the single slot at the back of the heat shield and fold out tabs to secure in place.

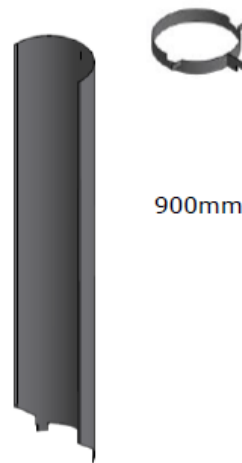
Fitting the 1200mm high heat shield

Your lower length of painted flue already has 2 location brackets attached.

1. Ensure these brackets are facing towards the back wall and centralised.
2. Secure the flue shield in place with screws



1200mm Flue Shield

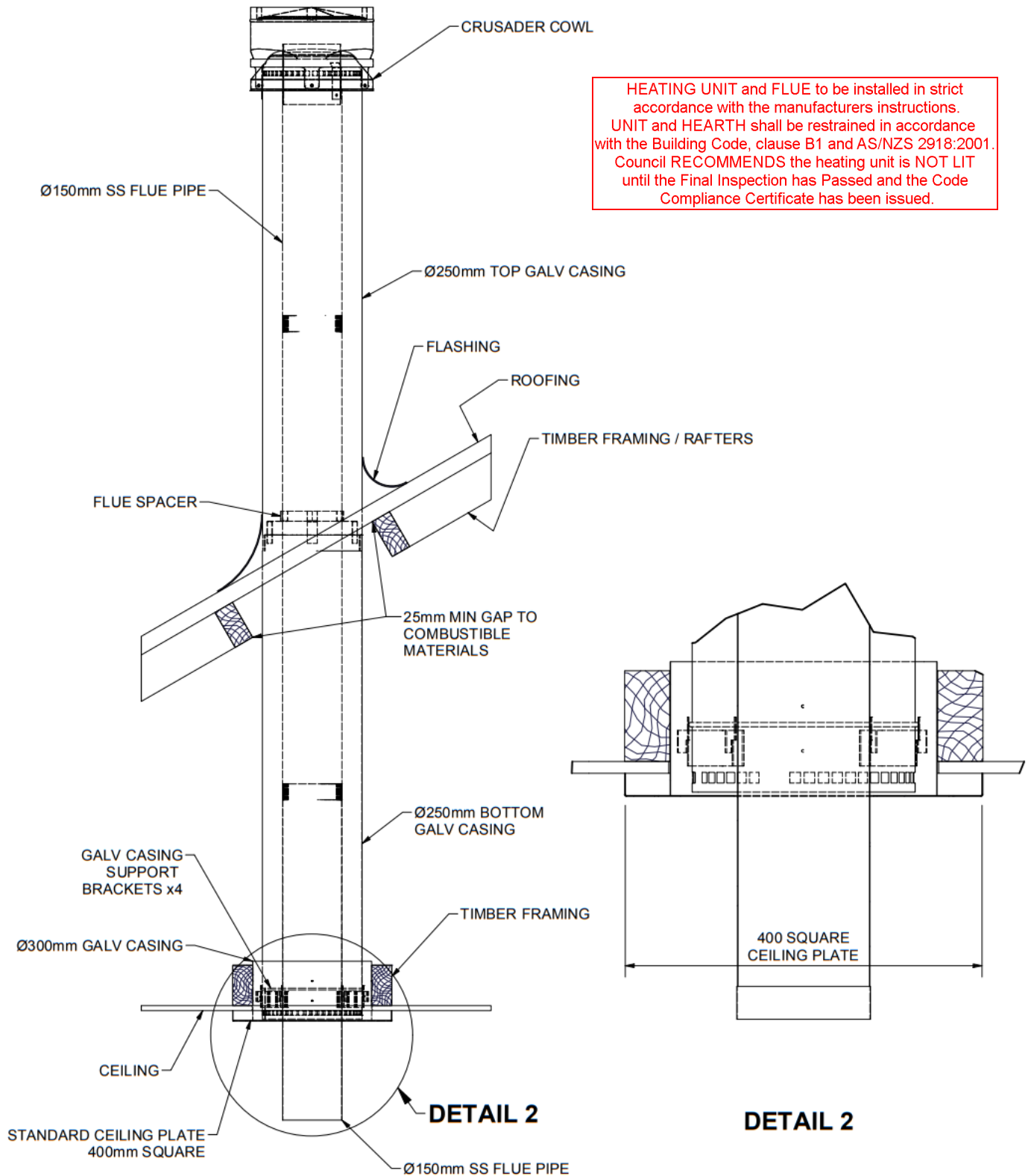


900mm Flue Shield

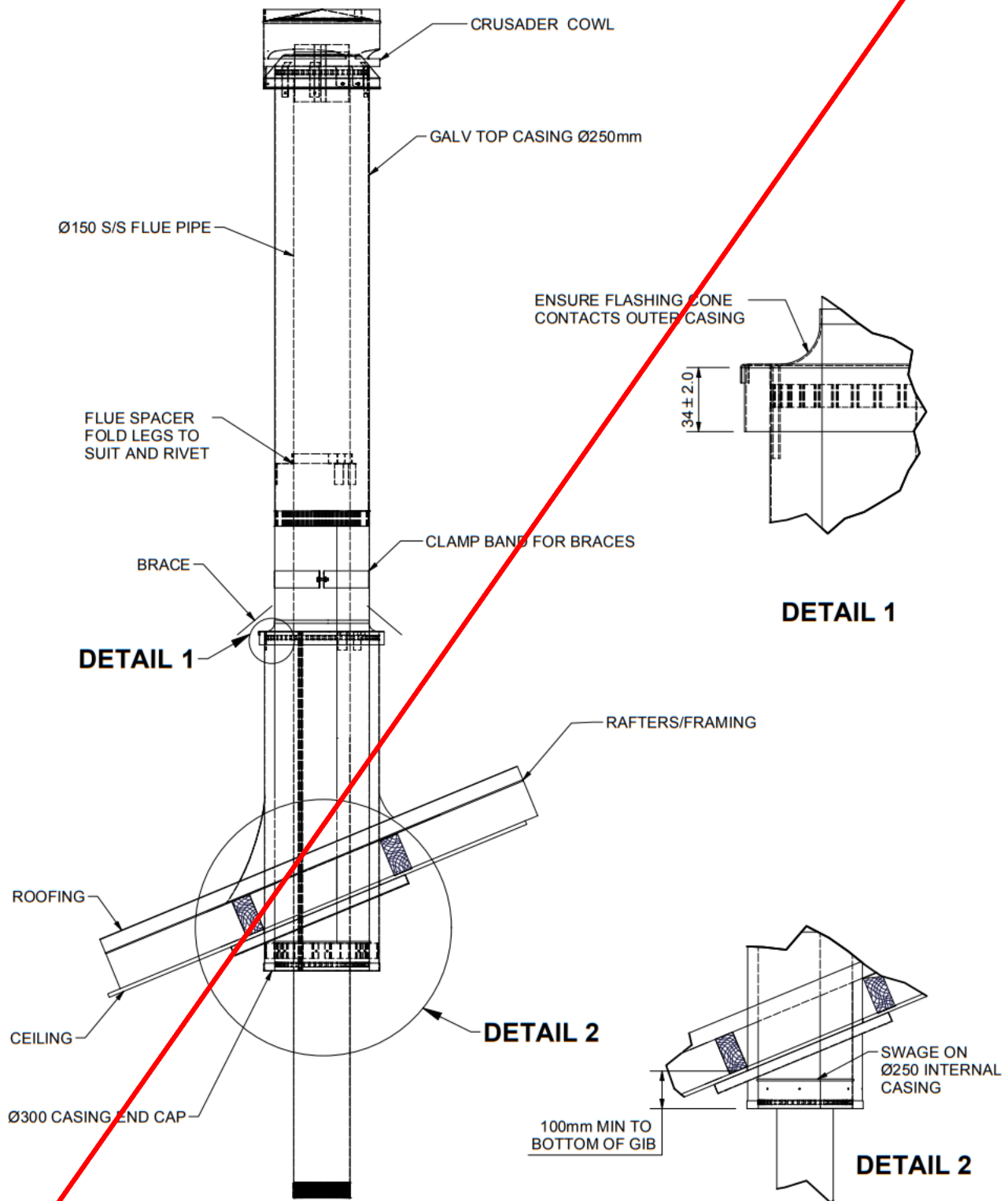
IMPORTANT - Flue shields should be no further than 10mm off the top of the fire box

HEATING UNIT and FLUE to be installed in strict accordance with the manufacturers instructions. UNIT and HEARTH shall be restrained in accordance with the Building Code, clause B1 and AS/NZS 2918:2001. Council RECOMMENDS the heating unit is NOT LIT until the Final Inspection has Passed and the Code Compliance Certificate has been issued.

Standard Ceiling



No Cavity (Requires Sloping Ceiling Kit)





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WEB: www.appliedresearch.co.nz

Report 09/1943

January 27th, 2009

Page 1/1

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41 Braddon St.
P.O. Box 4043
CHRISTCHURCH

P701/1

COPY

Accreditation

Laboratory Registration Number 395

This laboratory is accredited by International Accreditation New Zealand (IANZ). The tests reported herein have been performed in accordance with the terms of our accreditation. This accreditation does not extend to any opinions or any interpretations of test results contained in this report.



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Compliance Certificate

Appliance: HeatSaver 150 mm Diameter Flue Kit

Test Standard: AS/NZS2918:2001 Appendix F

Full Report: 02/749R

(The full report contains the information on the test methods, details of the appliance tested and the results of the test)

This report:

Prepared by: W. S. Webley

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Approved by: W. S. Webley

W.S. Webley

Release Date:

2/3/09

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Dektite Soaker

The perfect flashing for all tray roofs

- ✓ The large base of the Dektite Soaker dramatically reduces rainwater back up on very low or very high roof pitches and deep ribbed roofing profiles.
- ✓ Dektite Soakers are ready to use straight from the box.
- ✓ Engineered to eliminate damming.
- ✓ Faster to flash than old fashioned methods.
- ✓ The unique corrosion resistant aluminium flange is ideal for low pitch and deep profile roofs, providing a positive leak-proof seal.
- ✓ EPDM withstands temperatures from -50°C to 115°C and up to 150°C intermittently.

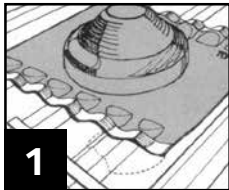
IMPORTANT:

For any pitch above 40° do not cut below the first three sizing ribs on the 603, 605 and 606

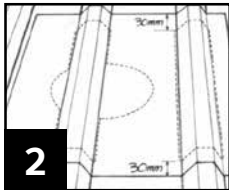


CODE	BASE (MM)	PIPE (MM)	ROOF PITCH	PIPE (MM)	ROOF PITCH
DF 602	410 x 360	75-160	Up to 60°		
DF 603	485 x 460	114-165	Up to 60°	165-255	Up to 40°
DF 605	708 x 635	250-358	Up to 60°	358-410	Up to 40°
DF 606	1006 x 905	380-470	Up to 60°	470-610	Up to 40°

Installation Instructions:



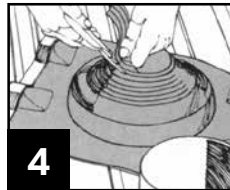
Mark position of pipe on roofing sheet, centre Dektite Soaker over mark ensuring word "top" is towards highest part of roof, and form Dektite Soaker flanges to roof profile.



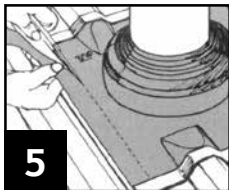
Mark ribs or corrugations to be removed to allow adequate drainage around cone. Allow at least 30mm all round to fasten Dektite Soaker's aluminium strips to roofing sheet.



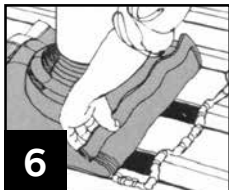
Cut out marked portions of roof, filing away sharp edges and install pipe securely in place. Where required, support cut sections of sheet with additional framing to support base.



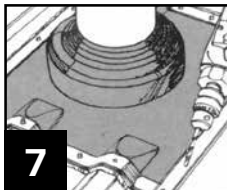
Trim Dektite Soaker cone to suit pipe size with sharp tin snips and slide down pipe using water as lubricant.



Form Dektite Soaker base into contours of roofing sheet, positioning loose strips on either side of cone in best position to ensure drainage of pan or tray. Trim excess EPDM from outside of loose strips. Trimming should be considered prior to cutting of the roof sheet.



Apply a generous bead of neutral cure 100% silicone sealant (roof and gutter approved) to the underside of Dektite Soaker base along entire perimeter.



Fasten flashing to roof using washers self-drilling screws or sealed rivets, ensuring Dektite Soaker forms flat trough for water run-off. Fix integral aluminium strips from centre outwards before attaching loose strips provided.

