
CAUTION: MIXING 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.


BENDS AND EXTENSIONS TO THE LENGTH OF A FLUE SYSTEM ARE PERMITTED (AS/NZS 2918:2001 4.1).

1) Locate the wood fire in its proposed position and mark a point on the ceiling that is directly above the centre of the flue spigot. Check that the location of the wood fire allows the OUTER CASING to clear all structural roof timbers.

2) Cut a 250mm square hole in ceiling. Directly above cut a hole in roof to accommodate OUTER CASING.

3) Fit timber frame around ceiling. i.e. frames form a 250mm square aperture that allows air to circulate freely over the OUTER CASING surface.

4) Position the OUTER CASING so that it is flush with the underneath of the ceiling and protrudes through the roof at the required height. Note that AS/NZS 2918:2001 4.9 1(a) states," the FLUE PIPE shall extend no less than 4.6m above the top of the floor protector”. Refer to diagram A.

   a) If the FLUE PIPE is within 3 metres of the ridge, the FLUE PIPE must protrude at least 600mm above the ridge of the roof.
   b) If the distance from the ridge is more than 3 metres, the FLUE PIPE must protrude at least 1000mm above roof penetration.
   c) The FLUE PIPE must be more than 3 metres from any nearby structure. Refer to diagram C.

Additional FLUE PIPE, OUTER CASING and/or INNER CASING may have to be added to ensure the following:

   i) The correct minimum roof penetration height.
   ii) Sufficient overall height to encase the FLUE PIPE which must extend a minimum of 4.6m from the floor protector. Refer diagram A.

Note that the INNER CASING should extend 200mm above roof penetration.

NB: Do not secure the OUTER CASING SLIP EXTENSION onto the OUTER CASING, as final adjustment will be required when fitting COWL assembly. See 11).
5) Fix an appropriate flashing around the OUTER CASING to seal onto the roofing material. Refer to the manufacturer’s recommendations for the correct fitting.

NB: On iron roofs, fixings such as metal angle brackets (40mm x 40mm) can be fitted under the flashing to securely fix the roof to OUTER CASING (supplied).

6) Place CEILING PLATE over wood fire's flue spigot, ensuring the folded edges are facing the ceiling.

7) Position bottom length of FLUE PIPE (crimped end downwards) into wood fire flue spigot.

Refer to the supplier of the wood fire and use flue pipe sealant if recommended.

8) Assemble FLUE PIPES together ensuring seams are straight; offsetting the seams will ensure a neat fit.

FLUE PIPES must be assembled with crimped ends down (towards wood fire). Secure each joint with a minimum of three Monel Steel rivets equally spaced around the joint. The protective wrapping should be left on the FLUE PIPE during installation.

9) From the roof lower FLUE PIPE through OUTER CASING into the bottom FLUE PIPE securing with three Monel rivets.

10) Check the FLUE PIPE SPACING BRACKETS inside the INNER CASING are correctly positioned and then from the roof slide the INNER CASING into the OUTER CASING until the brackets rest on to the internal swage ring of the OUTER CASING, this will ensure the INNER CASING is the correct 12mm above ceiling level.

Check the INNER CASING when correctly positioned extends a minimum of 200mm above the roof penetration.

11) Before securing the OUTER CASING SLIP EXTENSION to the OUTER CASING with 3 rivets, ensure the FLUE PIPE extends above the top of the OUTER CASING SLIP EXTENSION 145mm. Adjust SLIP EXTENSION to obtain the measurement.

12) Fit TOP SPACER BRACKET to the FLUE PIPE making sure the lugs fit snugly inside OUTER CASING SLIP EXTENSION. Make sure TOP SPACER BRACKET fits hard down onto OUTER CASING SLIP EXTENSION.

13) Fit CASING COVER over the FLUE PIPE and push down firmly onto TOP SPACER BRACKET.

14) Fit COWL but do not secure, as removal for the flue cleaning will be necessary. Deform the stub of the COWL to ensure it is a tight friction fit.

15) Fasten CEILING PLATE to ceiling using screws provided. Do not over-tighten, as a 12mm air gap must be maintained via the 4 external slots). Ensure an even air gap around FLUE PIPE when fixing. Remove protective plastic from CEILING PLATE.

16) Leave all installation and operating instructions with the owner.

The Satin Black painted flue pipe can be touched up using only STOVE BRIGHT aerosol paint.
150mm Free Standing Flue Kit
Satin Black, 4.2 Metres
(Kit Code: 301851)
Manufactured by Retail Links Limited.
This flue kit must be installed by a suitably qualified tradesperson or solid fuel heater installer and complies with AS/NZS 2918:2001. This kit may require additional components to complete the installation

**ROOF AND CEILING INSTALLATION**

- Secure Cowl Bracket to Galv Liner
- 25mm (min) Air Gap Between Liner and Timber
- Crimping on Liners to Face Upwards
- Crimp on Flue to Face Downwards
- Build a Timber Frame to Support the Flue Assembly in the Ceiling
- Outer Galv Liner Can Be Nailed Directly to Timber Framing
- Move Slip Liner Up or Down to Obtain Correct Height
- Flashing to Weatherproof Around Liner Where It Exits the Roof
- Galv Liner is Fixed to Mounting Rails by Rivets or Screws
- Outer Galv Liner Can Be Nailed Directly to Timber Framing

**ASSEMBLY LIST**

- Fixed Cowl 150mm
- Apron Cover
- Top Spacing Bracket
- Stainless Flue 150 x 600
- Galv Slip Liner 253 x 1200
- Stainless Flue 150 x 1220
- Mounting Rails (supplied)
- Galv Liner 200 x 1200
- Galv Liner 250 x 1200
- Stainless Flue Satin Black 150 x 1220
- Ceiling Plate

4.6 Metres from Top of Floor Protector to Top of Flue Pipe
Tighten ceiling plate so it touches the ceiling (DO NOT OVER TIGHTEN)
DIAGRAM C – AS/NZS 2918:2001

DIMENSIONS IN MILLIMETRES

Notes:

1. Refer to your heater manufacturers recommendations for flue heights.
2. Depending on local circumstances, taller chimneys may be required for satisfactory performance. Check with your local building authority.
FLUE KIT BLACK 4.2M

Contents Include:

• 2 x Flue S/S 150 x 1220mm (Black)
• 1 x Flue S/S 150 x 1220mm
• 1 x Flue S/S 150 x 600mm
• 1 x Flue Galv Combination 200/250 x 1200mm
• 1 x Flue Galv 253 x 1200mm Slip Liner
• 1 x Anti Down-Draught Cowl 150mm
• 1 x Apron Cover 150-250mm
• 1 x Ceiling Plate 150mm (Black) 370mm Square
• 1 x Ceiling Plate Screw Pack (4)
• 1 x Top Spacing Bracket, Bolt and Nut
• 2 x 40 x 40 x 1200mm Galv Mounting Rails
• 1 x Double Flue Shield
• 1 x Top Flue Shield Bracket
• 1 x Bottom Flue Shield Bracket (Multi-fit)