

Installation Instructions for Opti Kit –Flat Ceiling/Cavity
With The Main Flue Kit

Important - It is responsibility of the Installer to ensure that the overall installation of the appliance along with flue kit is done in accordance with the AS/NZS 2918:2001 standard.

1. Locate heater in its proposed position and mark a point on the ceiling that is directly above the centre of the heater's flue outlet. Ensure that the manufacturer's minimum clearances to combustibles are complied with. Check that the heater's location allows the OUTER CASING to clear all structural roof timbers.
2. Cut a 305mm square hole in ceiling. Directly above this hole, cut a 260mm square hole in roof to accommodate penetration of the Outer Casing.
3. Fit timber nogs around ceiling and roof holes for fixing the Opti Box and the 250mm Casing to the roof.
4. Insert the round Opti Box into the ceiling hole and secure it to the timber nogs build previously with screws provided.
5. Locate the 250-200mm Combination Casing into the slots of brackets which are at the bottom of Opti Box.
6. Ensure that the correct roof penetration heights is calculated depending upon slop of the roof. Additional 1200mm Outer slip extension or additional 200-250mm combination casing extension may be required
7. Fix an appropriate flashing around 250mm Outer Casing to seal onto the roofing material.
8. Assemble Flue Pipes together ensuring seams are off-set next to each other for neat fit. Secure each joint with 3 Stainless Steel rivets.150 Flue Pipes must be assembled with crimped ends down (towards heater).
9. Place Ceiling Plate over heater flue spigot in assembling position. Ensure insulation blanket is fitted correctly. For the fires that use the GDFLU013M flue system (i.e. R10000 and R5000WS), attach the 504x504 ceiling plate (supplied with the fire) over the 360x360 Opti Kit ceiling plate.
10. Before fixing the Outer Casing Slip Extension to the 250mm Outer Casing with 3 rivets or self-tapping screws, make sure that the 150mm Flue Pipe extends above the top of the Outer Casing Slip Extension by 10.0 to 15.0 mm max. . If needed add sufficient stainless steel 150mm Flue Pipe.
11. Fit 250mm Casing Cover (Bracketed) over the flue pipe and push into position (brackets seats on Outer Casing Slip Extension). Secure brackets to the Outer Casing Slip Extension with rivet or self-tapping screw.
12. Make sure Cowl is tight fit and secure it with one self-tapping screw only. Removal this screw for flue cleaning purposes and make sure it is put back after cleaning.
13. Fasten Ceiling Plate with correct fitted insulating blanket to ceiling using screws provided. Remove protective plastic from Ceiling Plate. For R10000 & R5000WS fires, fasten the 505x504 ceiling plate as well over the Opti Kit ceiling plate using screws.

