



Clare 60 / 80 / 100 Free-standing And Inbuilt Fan Installation Instructions

Use in conjunction with the Installation Manual for the ADF CLARE range.

Note the fan power cord does NOT have the wall plug fitted, for passing through the casing body.

If hard wiring for an inbuilt unit, include an Isolating switch for easy maintenance.

All electrical work must be carried out by a licensed electrician and to the AS/NZS 3000 wiring rules.

Supplied by:

Castworks Pty Ltd

12a Fiveways Blvd

Keysborough VIC 3173

Please read the installation manual thoroughly before installing and lighting your appliance.

Keep these instructions for future reference.



FAN ACCESS

Step 1.

Remove the bottom RH Grill behind the door with the 2 Allen head key screws. Carefully place the screws in a safe spot.



Step 2.

Remove the 3 bottom bricks at the rear – you might need to use a Stanley knife to get the first one to lift and started.



Step 3.

Remove the 3 rear bricks along the bottom below the primary air channel (stainless steel) – again you might need to use a box cutter knife to get the first one started. Set all these bricks aside carefully to avoid damage.



Step 4.

Remove the ceramic fibre paper insulation from below the bricks.



Step 5.

Remove the fan blanking cover – 3 screws at the rear and 3 along the base.



Then fully remove the fan blanking cover – by lifting forward and then rotating slightly to pass out through the door frame.



FAN INSTALLATION

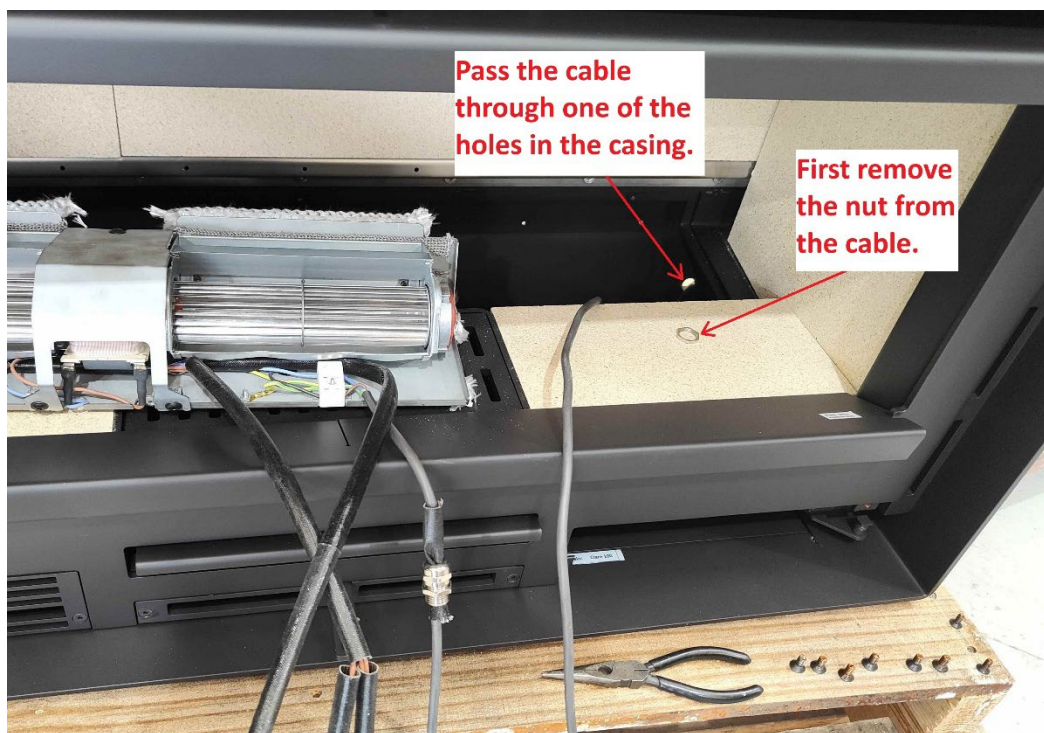
Step 6.

Make sure the length of cable is long enough between the fan and the nut to reach the hole in the back wall – especially for the Clare 100 which has the wider distance to the hole – allow about 30 to 33cm. It will need to be even longer if using the LHS hole in the casing. Undo the compression nut and slide the nut and protection sleeve along the required amount then tighten.



Step 7.

With the locking nut removed, pass the cable through the hole in the rear casing.



Step 8.

Tighten the locking nut on the back of the stove to secure in position.

**Step 9.**

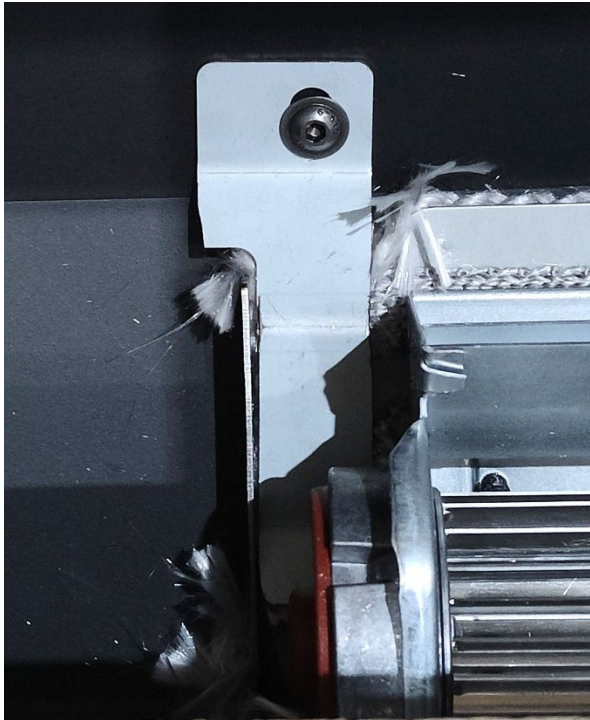
Pass the switch cable through the front where the cover grill was removed in step 1.

Also make sure the thermostat switch cable is free and not caught on anything, ready for connecting once the fan is fixed tight.



Step 10.

Using the 2 fan fixing brackets and screws provided with the fan, fix the fan in position as shown below. Make sure the fan is rigid in position and won't be able to vibrate, and then securely tighten the brackets.



Secured in position:



Step 11.

Fit the thermostat switch to the underside of the fan blanking plate as shown. The bracket tines may need to be pried open slightly – then rotate the thermostat tabs into position behind the tines.



Step 12.

Press fit the rocker switch into rectangle hole in the bottom right front grill, then reconnect the wires pushing the female connectors onto the male spades:

Blue – II
Middle - Black
Brown – I

Then fit the grill back into position with the 2 screws.



Once the unit has power available it is ready to test – either hardwired (with an isolating switch) or with the wall plug fitted and a GPO available. Otherwise the firebox is ready to be re-assembled.

REASSEMBLY

Step 13.

Replace the fan blanking plate back into position. **MAKE SURE** as you do so that none of the wires below are fouling with the fan tines, but are all tucked away neatly. The screws may not align 100% (especially if fire has been used) – see pointy nose pliers below inserted to “lift” and align the screw holes into position. Don’t tighten any of the bolts until all 6 are in and started on the thread. Once the countersunk head starts to engage in the countersunk hole in the plate, it becomes hard to align all the screws. Then tighten all 6 so the head is flush with the plate - they don’t need to be overtightened.



Step 14.

Place the fibre glass paper insulation back in position.



Step 15.

Replace the rear bottom bricks – the bricks with the fibreglass tape on the ends go back in at the sides – push the end with the tape in behind the side bricks. See pic below.



Inserting the middle brick - push the last 2 brick ends in at the same time – see below - the fibreglass tape will compress and keep the bricks tight together.



Step 16.

Replace the rear bottom bricks – note the edge of the brick with the taper goes to the back – the taper matching with the back bricks.



E voilà!