



FERROLI F30

**Gas Combination Boiler for Central Heating
and Hot Water Production, Wall Mounted,
Copper Heat Exchanger, Fan Assisted,
Room Sealed,
Electronic Flame Ignition and Control**



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REAR FLUE INSTALLATION INSTRUCTIONS

G.C. NO: 47-267-32

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For installation (back flue connection):

For direct back flue connection it is necessary to use the optional kit Part No 822186, and it is necessary to alter the fan direction inside the boiler.

Please Follow the below procedure carefully:

Remove fan by pulling off electrical connections. Pull off air pressure switch tubes from the air pressure switch remove 2 screws b. Rotate the fan downward to disengage it from the securing pin (a).

Fig. 21a

Remove and discard the fan adaptor and heat-shield

Remove the four screws which fix the back plate onto sealed chamber, remove and rotate the plate through 90° and fit it to the top of the boiler to cover the original flue outlet. Secure it in place with the four screws removed previously. (fig 21b 21c)

Attach the flue adaptor (A) to the rear of the appliance using the ring seal and four screws supplied (fig 21d)

Fig. 21b Fig. 21c Fig. 21d

Remove fan mounting plate by undoing the three fixing screws "d". Rotate the fan through 90° so that the fan nozzle points sideways. Secure the fan to the plate in the new position using screws in position "c".

Attach the fan spigot adapter "B" using the two screws "E" provided.

NOTE: The spigot must be sealed using high temperature silicone, not supplied.

Fig. 21e

For upper outlet

Fig. 21f

For rear outlet

Fig. 21g

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Back flue outlet (Diagram 1-9)

1. Core drill 127mm hole (5").

Fig. 22a

2. Push through the outer flue.

Fig. 22b

3. Gently pull back until wall seal is flush with the wall.

Fig. 22c

6. Cut the outer flue 80mm longer than the inner wall finish.

Fig. 22f

7. Insert the aluminium flue pipe into white plastic outer flue, making sure the aluminium pipe sits fully and centrally into the flue terminal. Mark the aluminium flue pipe at the point it is flush with the plastic outer flue, add 60mm to this mark and cut the aluminium inner flue pipe at this point.

NOTE: Ensure the end is cut square de-burred & lubricated with silicone grease.

Fig. 22g

8. Ensure that the inner metal flue is pushed into the terminal, as shown.

9. Lift boiler onto the wall bracket with flue in place, and engage the outer flue into the adapter. Secure the boiler using the nuts & washers supplied.

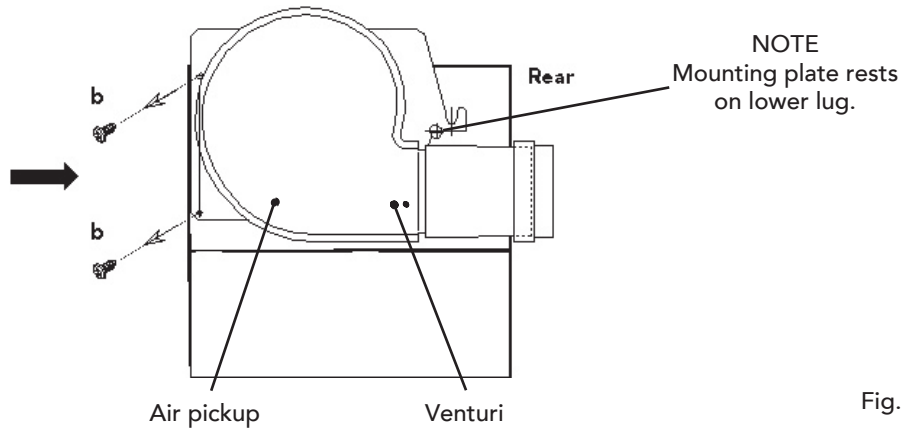
Fig. 22h

9. Make sure the inner flue is fully engaged in the flue terminal, Re-attach the fan as shown in fig 21h. Secure bottom of boiler using two screws and washers provided.

Fig. 22i

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Re-attach the fan with the screws (b). Refit wiring connections to fan and air pressure switch tubes ensuring correct orientation. I.E. red tube to air pressure switch connection with red dot (+) and clear tube to air pressure switch connection with no paint marking (-). (Clear hose to fan venturi)
Fit the fan into the boiler rotating the front to engage with the mountin lug. Secure with the screws b.



NOTE: The rear flue application does NOT require any flue restrictor ring to be installed. The maximum flue distance for this application is 1 meter with NO bends being permissible.
When testing the appliance, if the boiler does not ignite, but the fan runs continuously, then it would be advisable to check the orientation of the air pressure switch hoses.

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