



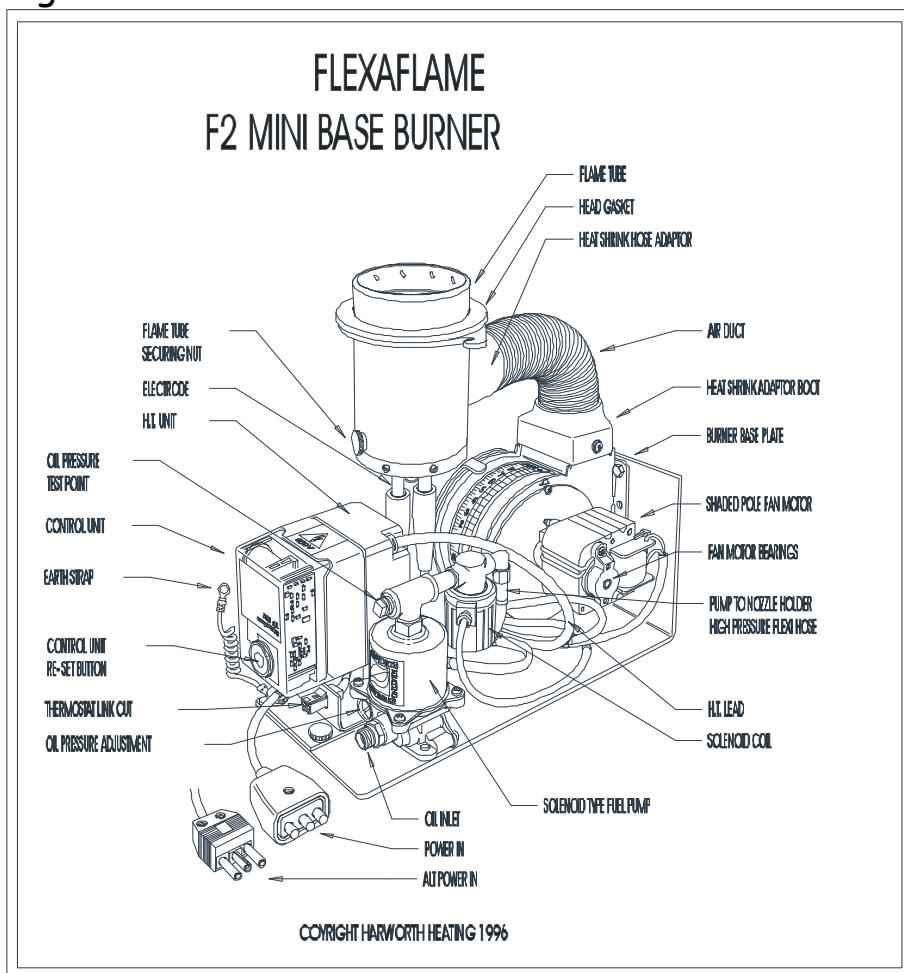
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SMITHS MOTOR REPLACEMENT

ISSUE 1 @ 31-03-11

REPLACEMENT OF THE FAN MOTOR FLEXAFLAME BURNER IN FIG 1.

Fig 1



Isolate the electrical supply.
Disconnect the oil supply.
Remove the burner from the appliance.

It is important to make sure that the motor mounting plate goes back in its correct orientation therefore before carrying out this procedure, mark the casing and back plate to ensure that this occurs.

The motor is mounted on the back plate, which is attached to the fan housing by 4 self-tapping screws.

Remove the screws and lift the motor and fan wheel free from the fan scroll.

Undo the Allen grub screw, which holds the wheel on the motor shaft.

Remove the fan wheel to reveal two fasteners, which hold the motor to the back plate.

Remove the fasteners and the motor and using the new drilling jig mark out the three outer holes and drill them.

Fit the new Smiths motor to the motor mounting plate using the newly drilled holes, then refit the motor on its mounting plate, making sure that it is correctly orientated.

Reverse the procedure to rebuild.

REPLACEMENT OF THE FAN MOTOR BLUE BOX BURNER.

Isolate the electrical supply.

Disconnect the oil supply.

Remove the burner from the appliance.

Remove both side panels.

Remove the fuel pump.

Remove the ignition transformer.

Go to the air inlet plate and remove the air adjusting valve plate.

Remove the end cover plate to reveal the fan wheel.

Undo the Allen grub screw, which holds the wheel on the motor shaft.

Remove the fan wheel to reveal two fasteners, which hold the motor to the burner.

Remove the fasteners and the old motor and using the new drilling jig mark out the three outer holes and drill them.

Fit the new motor using the screws provided.

And rebuild the burner.

Bubble Stories