

TWIN BLOWER

CAT. No. 12-10

(240 VOLT MODEL)

INSTALLATION INSTRUCTIONS

FOR USE ON

HYDRAFLAME MK I OIL HEATERS — INBUILT AND CONSOLE.

HYDRAFLAME MK II AND BURWOOD OIL HEATERS — INBUILT AND CONSOLE.

CONCEPT AND BURWOOD GAS HEATERS — INBUILT AND CONSOLE.

GUARANTY

Twin Blower Unit — Part No. 12-10

Subject to the following conditions, this twin blower unit is guaranteed against faulty materials and workmanship for a period of 12 months from the date of installation in the appliance.

1st 3 Months

For the first 3 months after installation, if the blower is found to be defective, it will be replaced free of charge, for both parts and labour.

Next 9 Months

During the next 9 months, if the blower is found to be defective, it will be replaced free of charge, but labour will be charged.

Conditions of Guaranty

1. The blower must be installed by an Authorised Vulcan Installer or Service Agent.
2. The blower must be installed in strict accordance with the instruction card supplied.
3. Interference with the blower unit, or its wiring will void the guaranty.
4. Proof of service date when this fan was installed must be given in the event of a claim under the terms of the guaranty.

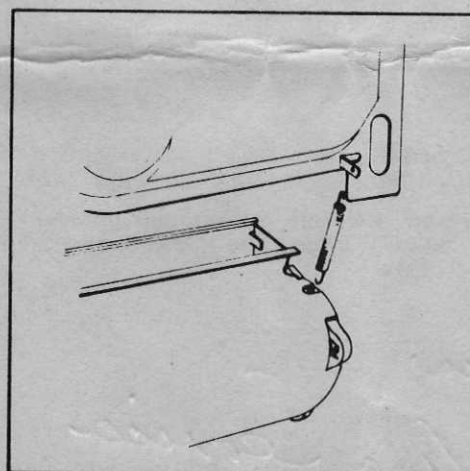
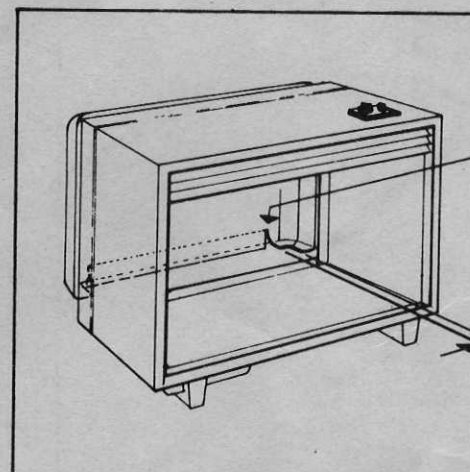
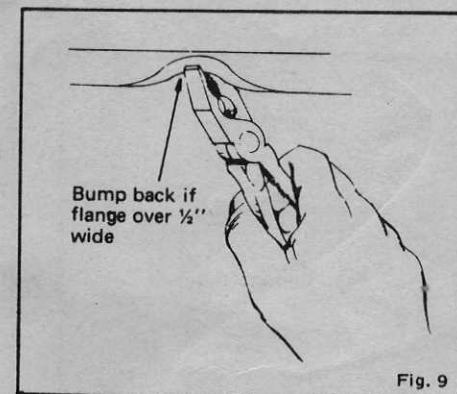
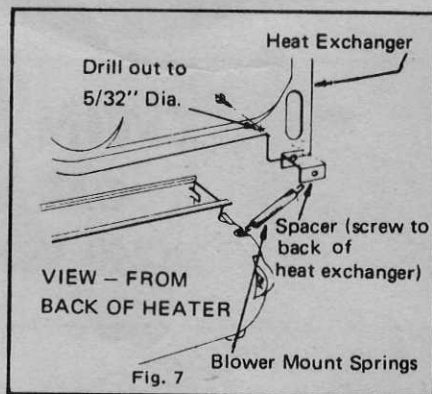
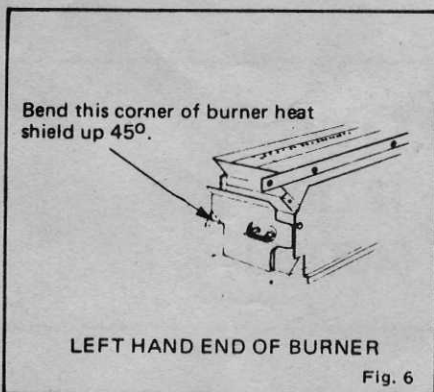
NOTE

This twin blower obsoletes replacement blower units Cat. No. 12-04 and 12-05. Switch and terminal changes may be necessary — see instructions.

HYDRAFLAME MK II AND BURWOOD OIL HEATERS — INBUILT AND CONS

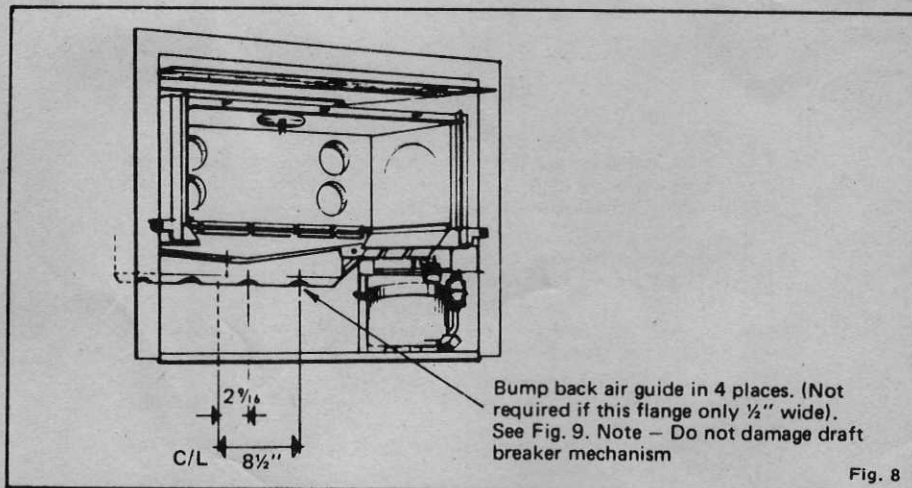
A. REMOVAL — EXISTING BLOWER

1. Turn oil off at tank. Switch electric power to heater off.
2. Remove front frame assembly. (Hydraflame MK II Consoles — remove door panel and lower mesh).
3. Remove burner — take off door, disconnect "Otter" switch, ignition element and burner inlet pipe and slide burner out.
4. Remove existing blower and mount springs.



B. FITTING — NEW TWIN BLOWER

1. Modify left burner heat shield — See Fig. 6.
2. Drill existing blower mount holes in heat exchanger, out to 5/32" dia. Fig. 7.
3. Screw spring mount brackets to heat exchanger. Fig. 7.
4. Modify back air guide if necessary — See Fig. 8 & 9 (Not required if flange is 1/2" wide).
5. Fit blower mount springs to mount brackets. Fig. 7.

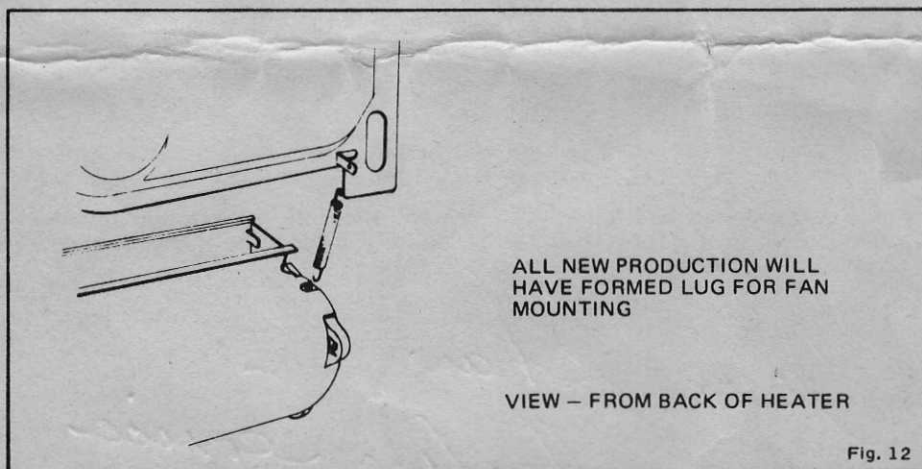
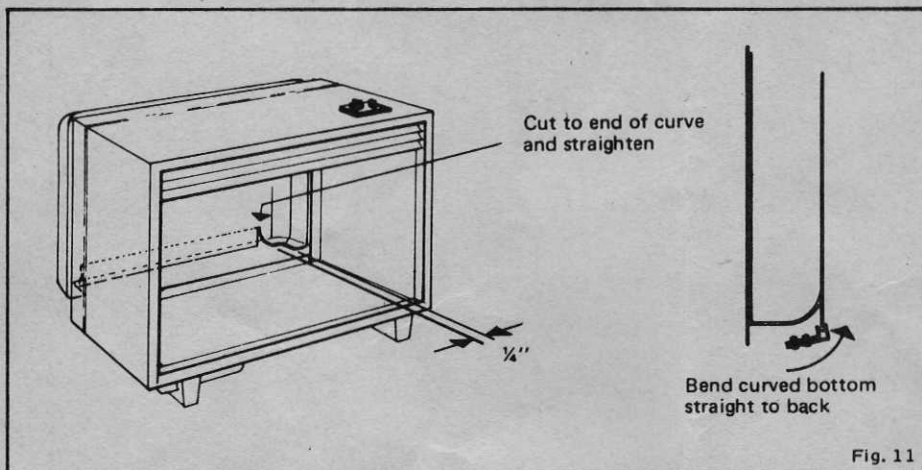
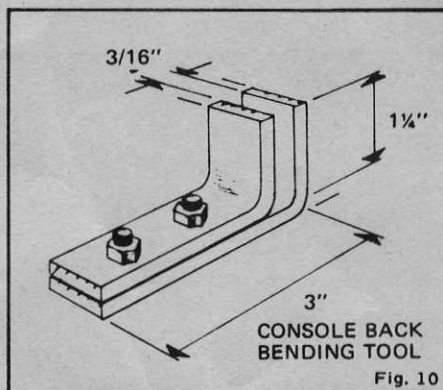
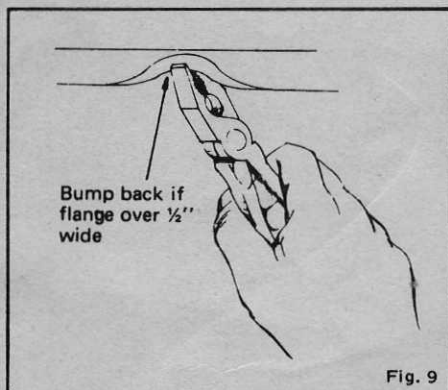


6. Console units — modify heater back, see Fig. 11, cut and bend curved bottom until straight with back. Use tool suggested — Fig. 10 made from 1/4" steel bar.
7. Install blower — ensure that open end of blower scroll is toward front of unit. Ensure that blower flex runs behind blower and is clipped into place on back air guide.
8. Plug blower into terminal block socket (See "C Twin Blower Switch" notes).
9. Switch electric power to heater on. Check operation of fan. (Noise & Vibration). Switch electric power to heater off.
10. Replace burner door and reconnect ignition element and oil inlet pipe.
11. Re-assemble heater.

IMPORTANT

C. TWIN BLOWER SWITCH.

1. A new terminal assembly kit is required — Part No. 12-10-801.
2. If switch has metal lever arm replace with a new switch, Part No. 10-01-869.

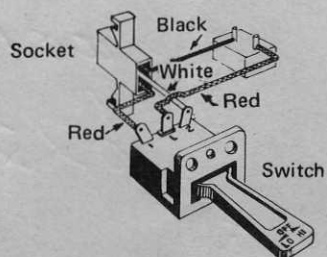


IMPORTANT

C. TWIN BLOWER SWITCH.

1. A new terminal assembly kit is required — Part No. 12-10-801.
2. If switch has *metal* lever arm replace with a new switch, Part No. 10-01-869.

Socket Terminal assembly is required
Part No. 12-10-801



IF SWITCH HAS METAL LEVER ARM
REPLACE WITH NEW SWITCH PART
No. 10-01-869

Fig. 14