

MAINTENANCE INSTRUCTIONS

SERVICING AND CHANGING OF WICKS

After the heater has been in service for some time, it may be found no longer possible to obtain maximum heat output. When this occurs carry out *Service No. 1*.

When this operation has been carried out a number of times the wicks will be too short and will require replacing, as described in *Service No. 2*.

SERVICE No. 1

With the Guard open, the Burner and Apron Assembly should be removed by unscrewing two screws (see Diagram 1). With the Control Knob set to maximum, pull each wick gently upwards until about $\frac{5}{8}$ " (15 mm) of wick is showing above the burner seating. Cut off the charred ends of the wicks, leaving $\frac{1}{2}$ " (12 mm) of wick above the burner seating.

SERVICE No. 2

The wicks can readily be replaced after removal of the complete burner assembly which is secured by four screws. Access to the screws is gained as before by removing the burner and apron assembly.

Remove the screws and gently lift off the burner assembly at the same time disengaging the safety mechanism arm from the foot.

The assembly should be held above a dish to catch any fuel which drips off the wick tails. Turn the assembly upside down and remove each wick in turn by closing together the tags which hold the wick carriers to the carrier plate. The replacement wicks are already fitted with wick carriers and can now be entered into the wick tubes. Pass the tags on the carrier through the slot in the carrier plate and open them up. When all eight wicks are fitted, check that they wind up and down freely, and that when fully up they are approximately $\frac{1}{2}$ " through the burner ring.

The lower ends of the wicks should now be brought together and secured with the tie or clip provided.

Replace the assembly into the heater after checking that the rubber seal is correctly positioned and not damaged.

ENSURE THAT THE SAFETY MECHANISM ARM PASSES THROUGH THE HOLE IN THE FOOT.

Screw up the four screws firmly using normal pressure. Excessive pressure is not necessary.

Make sure that the safety mechanism operates properly as described earlier. Replace the apron assembly and the heater is ready for service.

Allow the new wicks to soak for half an hour before lighting.

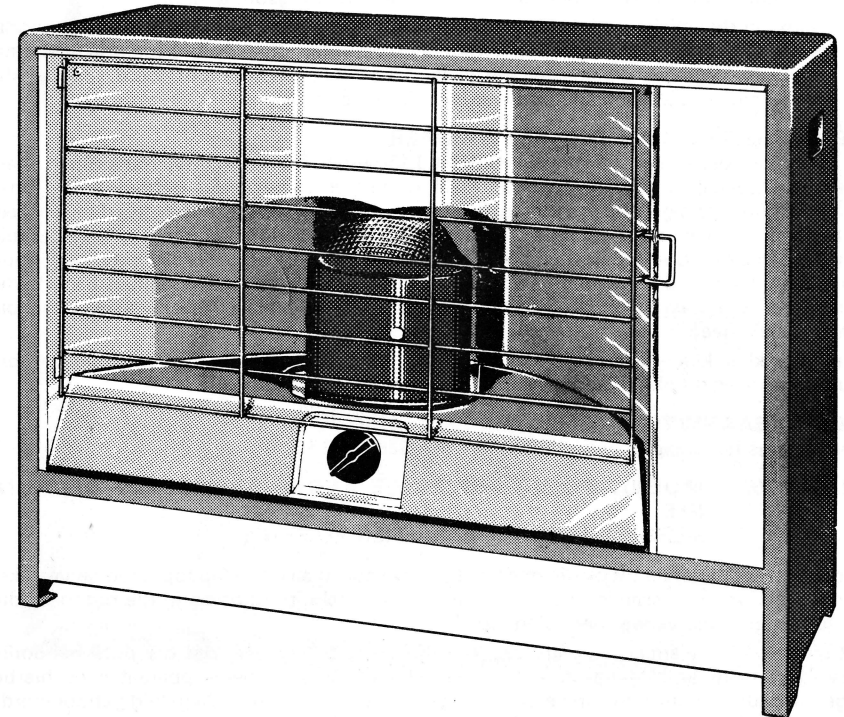
HINTS FOR USERS

- Always turn the control knob slowly and leave turned fully down when not in use.
- Allowing the heater to burn dry should be avoided, as wick life will be reduced.
- See that the wicks are only just protruding above the burner seating when lighting to avoid damage when replacing the burner.
- Some smell may occur if the wicks are turned too high before the burner is warm.
- Keep the heater clean and regularly remove fluff which may accumulate inside and underneath.
- Soap and water only will keep the casing clean and the chrome parts sparkling.
DO NOT USE ABRASIVE CLEANERS.

HOW TO USE YOUR VALOR RADIANT HEATER

MODEL 145

Read before unpacking



MAXIMUM OUTPUT 9,000 B.Th.U's/hr (2 $\frac{1}{2}$ kW) approx.
LOW OUTPUT 4,000 B.Th.U's/hr (1 $\frac{1}{8}$ kW) approx.
MAXIMUM FUEL CONSUMPTION 2 $\frac{1}{2}$ HRS/PINT/approx.



VALOR HEATING LIMITED

ERDINGTON · BIRMINGHAM B24 9QP · ENGLAND

FOR THE USER—

Your Valor Radiant 145 has been designed and manufactured to give safe performance with long life, but it is important that the following instructions are followed carefully. First — unpack the heater very gently and see that all the parts are there, undamaged, and that they fit properly. Diagram 1 will help to show you where the parts go.

The heater has a hinged GUARD which is opened by using the LATCH; this will allow you to remove the BURNER when lighting the heater. The FUEL BOTTLE is located in a compartment in the rear of the heater.

Points to watch are:

- (1) That the glass bottle is *not cracked* — this is very important, and that the valve cap fits correctly.
- (2) That the burner fits correctly, and locks by rotating clockwise.
- (3) That the unique safety device fitted to this heater works the way it should. You can check this with the heater standing on the floor; turn the control knob fully clockwise (a click will be heard when the device is set). Tilt the heater and SNAP! The wicks will wind down into the tubes.

We strongly advise that before use the heater is checked for leakage resulting from damage since leaving the factory. To do this, fill the fuel bottle and place in the heater (Diagram 2). Stand heater on newspaper for one hour.

IN CASE OF DAMAGE OR COMPLAINT

Do not use the heater, but return it to the dealer from whom it was purchased.

NEXT TO SET UP THE HEATER

In spite of the super safety of the Radiant 145, be careful where the heater is positioned. As with any heater do not use with small children or aged people in the vicinity unless there is an *extra* full size fireguard surrounding it. Also make certain that there is good ventilation in the room when it is used, but avoid draughts. The Radiant 145 is a natural in your fireplace. Do not leave the fireplace completely open because you will lose valuable heat, *but* on the other hand *do not* seal the opening completely — leave a ventilation gap below the fire. The heater will work on any reasonably level surface without adjustment, but make sure that it does not rock.

With young children or animals in the house, it may be desirable to fix the heater using the fixing holes provided.

OPERATING NOTES

Use only a high grade premium Paraffin with your Radiant 145.

IMPORTANT — NEVER USE PETROL OR ANY OTHER FUELS.
NEVER ADD ANYTHING TO THE PARAFFIN.

Fill the bottle to the base of neck with paraffin, replace the cap firmly, ensuring that the sealing washer is in position. Turn over the bottle and put it in place in the well through the aperture in the rear of the heater (see Diagram 2).

With a new heater the wick will need time to soak, so leave for a full half-hour before lighting — do not attempt to rush this. Next, re-set the safety device just as we explained before by turning the control knob fully clockwise until a click is heard — then turn back the knob until only $\frac{1}{8}$ " (3 mm) of each wick is showing — see Diagram 3 — if the wicks are turned higher they may be damaged when the burner is replaced and may produce smell during warm-up period.

With the burner removed light all eight wicks using a lighting taper, light *each* wick in turn, those at the back first! Fit the burner and lock in position. Leave the heater for ten minutes, then adjust the flame to the required size.

HIGH FLAME: Burner glows red — with small blue flame above gauze.

LOW FLAME: Burner coil glows red.

Note: Smell may occur if wicks are set too low.

TO EXTINGUISH: Turn wicks right down — by turning control knob anti-clockwise (as far as it will go).

DIAGRAM 1

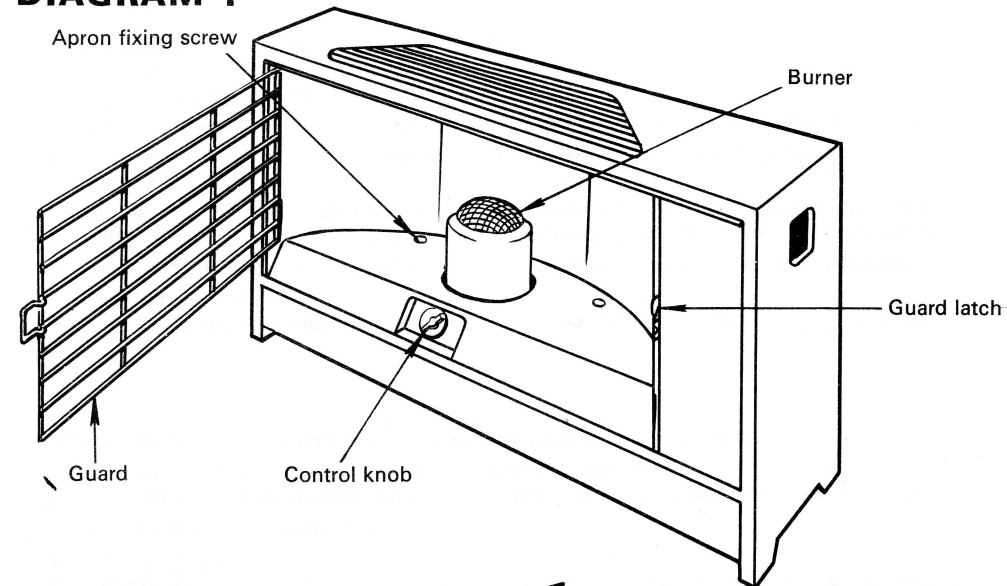


DIAGRAM 2

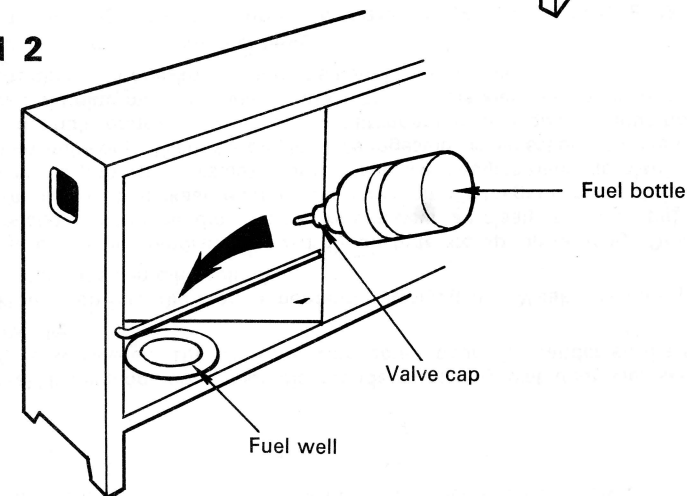


DIAGRAM 3

