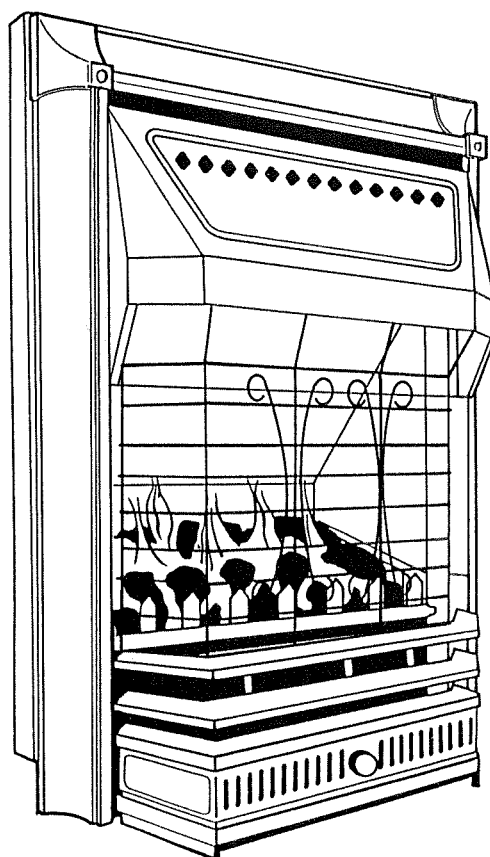


# Valor



## WINDSOR (MODEL 412CN) For use with Natural Gas



### OWNERS MANUAL

PLEASE KEEP FOR FUTURE REFERENCE

#### FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

#### FOR YOUR SAFETY

- If you smell gas:
1. Open windows.
  2. Don't touch electrical switches.
  3. Extinguish any open flame.
  4. Immediately call your gas supplier.

**VALOR HEATING**  
ERDINGTON, BIRMINGHAM  
B24 9QP  
ENGLAND

Vous pourrez vous procurer un exemplaire en langue Française de cette brochure chez votre concessionnaire.

Distributed by **MILES INDUSTRIES LTD**  
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NORTH VANCOUVER B.C.  
V7P 3K7  
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## CAUTION

**WARNING:** Any change to this heater or its controls can be dangerous. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

This appliance should be installed and repaired by a qualified service person.

The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Children and adults should be alerted to the hazard of high surface temperatures and should stay away to avoid burns or clothing ignition.

Young children should be carefully supervised when they are in the same room with the appliance.

Do not place clothing or other flammable material on or near the appliance.

Keep curtains, clothing, furniture and other flammable materials at least 36ins (900mm) from the front and top of the appliance.

Keep the appliance area well clear and free from combustible materials, gasoline and other flammable vapors and liquids.

The guard and glass must be put back in place prior to operating the appliance if they have been removed for servicing or cleaning.

Never attempt to burn paper or any other material in the appliance.

This appliance requires a source of fresh air in order to vent properly. The venting system should be checked periodically.

Recent trends in home improvement and new tighter construction techniques have contributed to problems with venting. If you suspect that your appliance is not venting properly, do not operate and seek expert advice.

Thank you for choosing this Valor gas appliance. This appliance has been designed to give years of trouble-free service. These instructions are provided to help you in operating the appliance and should be kept in a safe place for future reference. To ensure that your appliance remains in optimum working condition, we recommend annual inspection and servicing by an authorized service person.


## 1. INSTALLATION

As with any gas appliance, this unit must be installed by a qualified installer. The installation must conform with local codes or, in the absence of local codes, with the current CAN 1-B149 Installation code. Installation must also conform with the Installation Instructions supplied with this appliance.

If any changes are made to the room construction in the vicinity of the appliance after installation (e.g. additional shelving etc.), please make sure that such changes conform to the above requirements.

## 2. OPERATION

For your safety this appliance is fitted with a Flame Supervision Device which will shut off the gas supply if, for any reason, the flames go out. This device incorporates a fixed probe which senses the heat from the flames. If the probe is cool the device will prevent any gas flow unless the control knob is held in at the 1/IGN position. (see the Lighting Instructions).

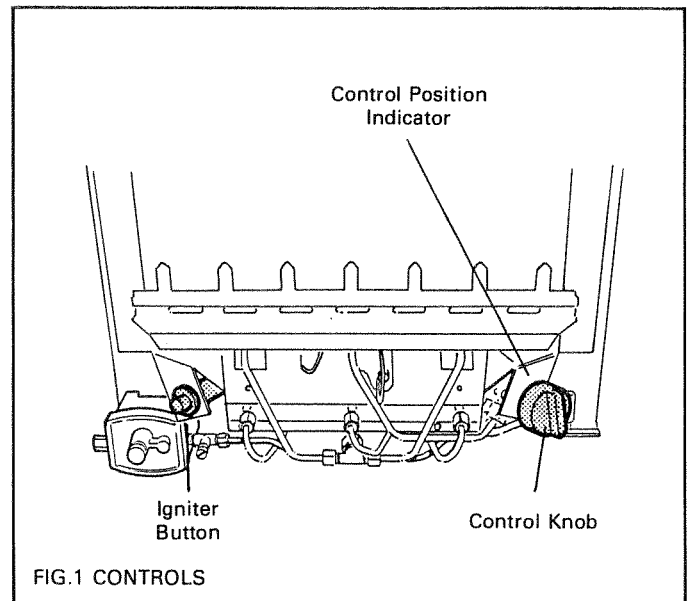
KNOB SET AT	FLAME EFFECT		RATING (Btu) (Approximate)
	CENTER AREA	OUTER AREAS	
1/IGN	ON	OFF	5000
2	ON	ON LOW	13300
	ON	GRADUAL INCREASE	—
3	ON	ON HIGH	20000

### 2.1 TO LIGHT THE FIRE

**NOTE:** If the appliance has only just been turned off or goes out for any reason, wait 5 minutes before re-lighting.

The controls are shown in fig. 1.

- Pull the front fender forward to give access to the controls.
- Push in and turn the control knob counter - clockwise to the 1/IGN position. Push the knob further in and wait for a few seconds. This will allow gas to flow to the burner.



- While still holding in the control knob, press the ignition button several times. This will cause a spark at the burner which will ignite the gas.
- Continue to hold in the control knob for a further ten seconds. This will prevent the flame supervision device from shutting off the gas supply while its probe warms up as explained above.
- Release the knob. The center section of the burner should remain alight.
- Press in the knob slightly and turn to your required setting. The settings available are shown in the table.
- Replace the front fender after setting the control.

### Note:

When first turned on, the decorative flames will appear predominantly blue. After approximately 15 minutes these flames will yellow.

### 2.2 LIGHTING IF SPARK IGNITER FAILS

In the unlikely event of failure of the ignition spark, the appliance can be lit by inserting a long burning match or rolled paper at either side of the center front coal (see fig 2) and then operating the control knob as described above.

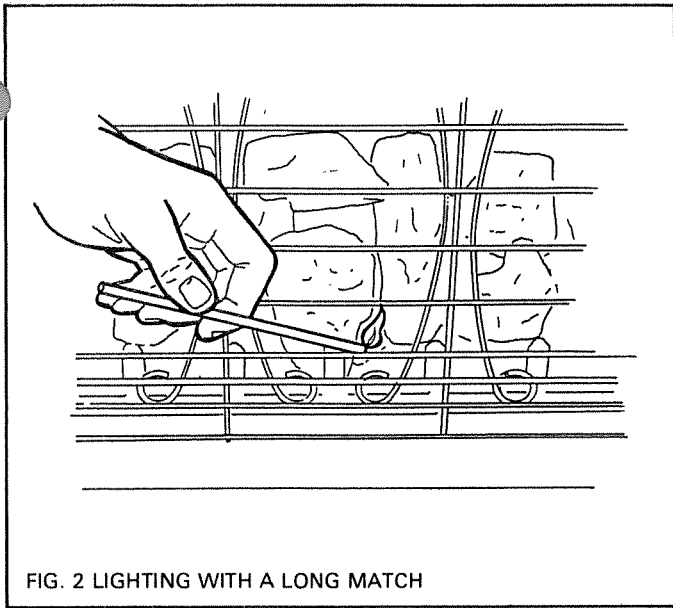


FIG. 2 LIGHTING WITH A LONG MATCH

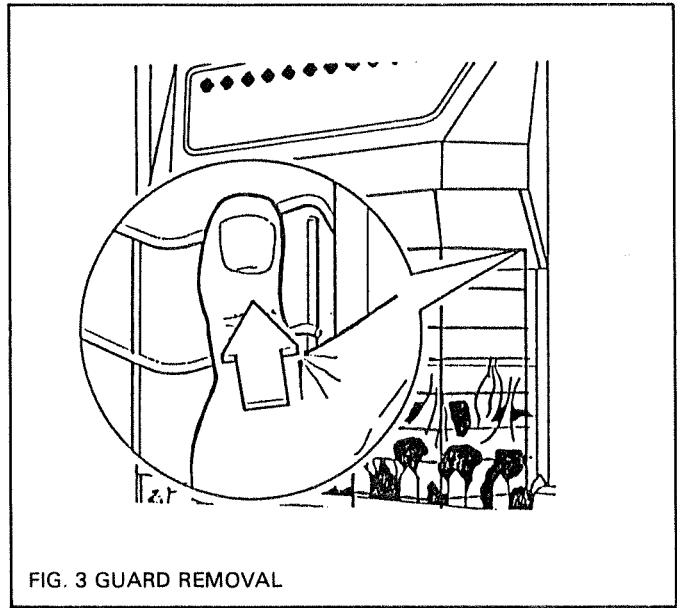


FIG. 3 GUARD REMOVAL

### 2.3 TO TURN OFF

Pull the front fender forward to give access to the controls.

Push in the control knob slightly and turn clockwise to the OFF position. If any resistance is felt at the 1/IGN position, release pressure on the knob before turning to OFF.

Replace the front fender.

### 3. CLEANING

All cleaning should be carried out when the appliance is cold. Normally, the appliance should only need dusting. Dust etc. can be brushed from the top coals and coal base using a soft brush after detaching the guard (see below). Dust can also be removed from the top coals by using a vacuum cleaner nozzle after detaching the guard (see below).

If you are removing the coals, we suggest that they are removed in the reverse order to that shown in the Fuel Bed Re-fitting instructions.

Coloring of the interior of the metal fire box with use is normal.

### 4. GUARD REMOVAL

Press the top wire on the guard inwards at each side to release the guard from the hood (see Fig. 3). Tilt the top of the guard forward. Lift the guard up to release it from bottom location holes.

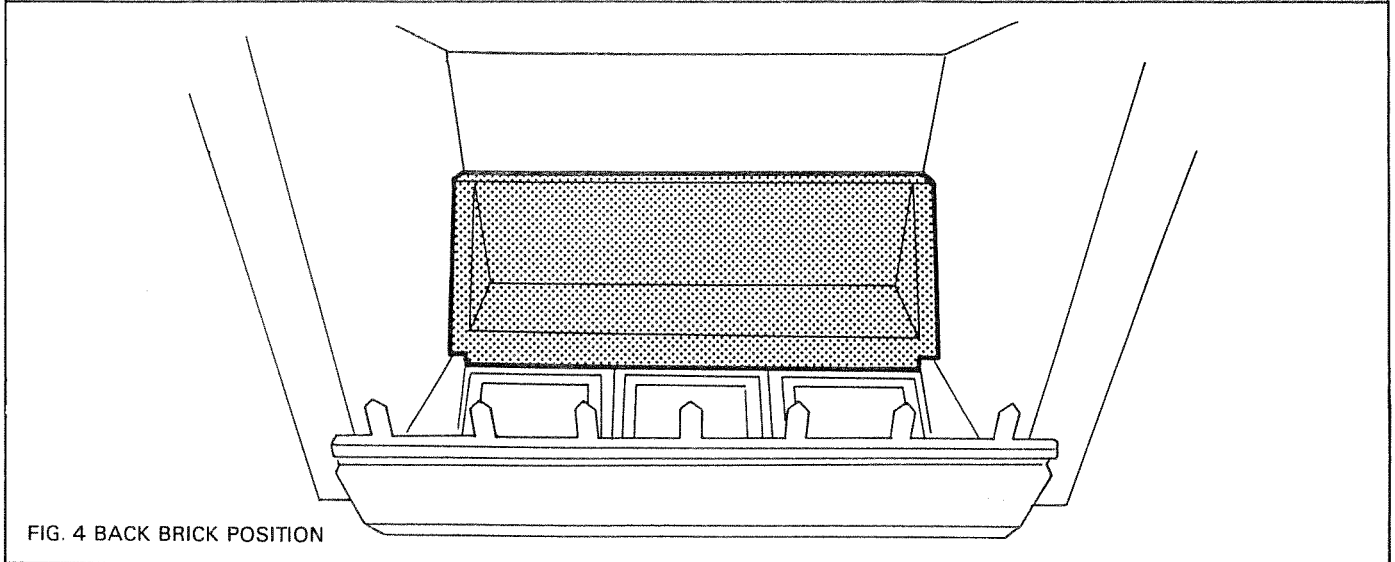
Replace the guard in the reverse order.

## 5. FUEL BED RE-FITTING

If the fuel bed components are dislodged or removed for any reason, they must be re-fitted as described below.

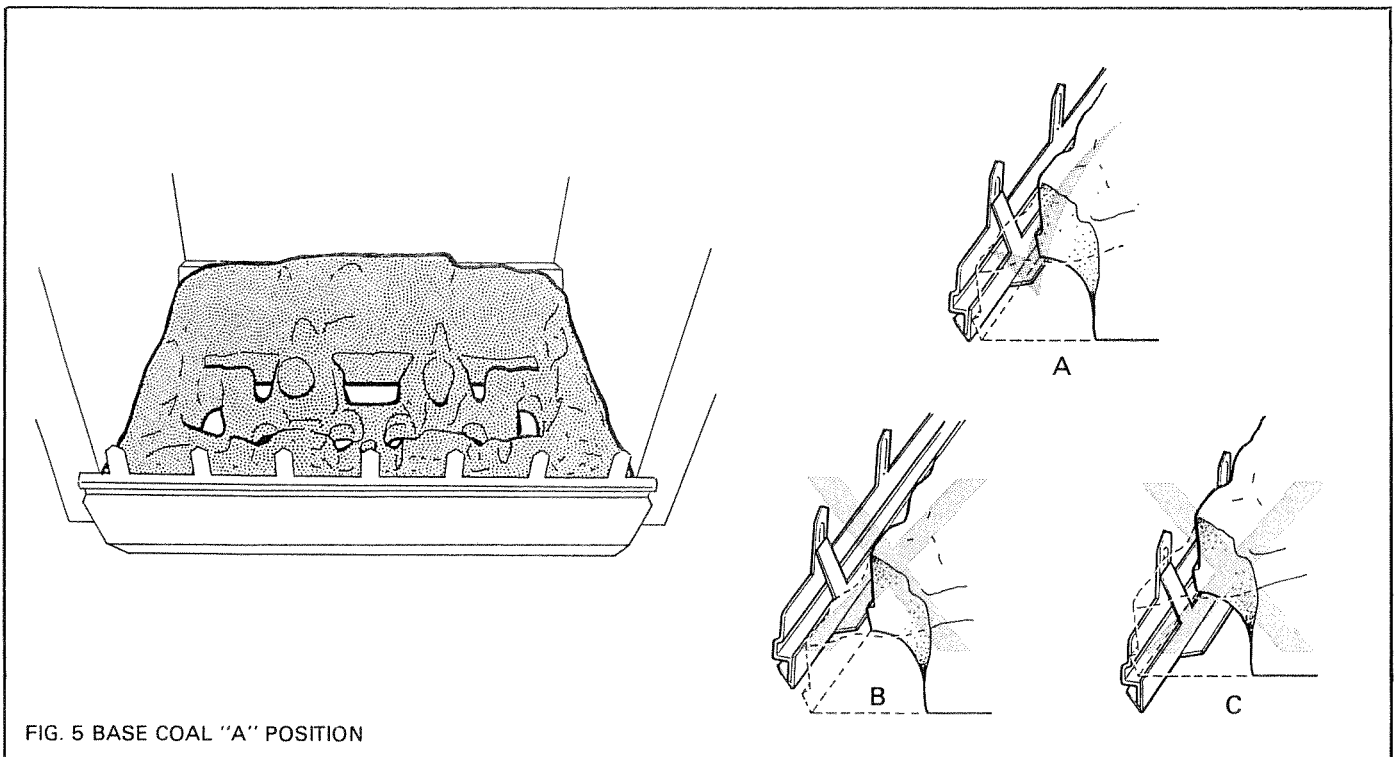
Each coal piece has a letter stamped underneath it which corresponds with the letter referred to in the following instructions. **WHEN IN POSITION THESE LETTERS FACE DOWNWARDS.**

### 5.1 Fit the Back Brick.



Place the back brick at the rear of the fire box. (See Fig 4.)

### 5.2 Fit Base Coal "A"

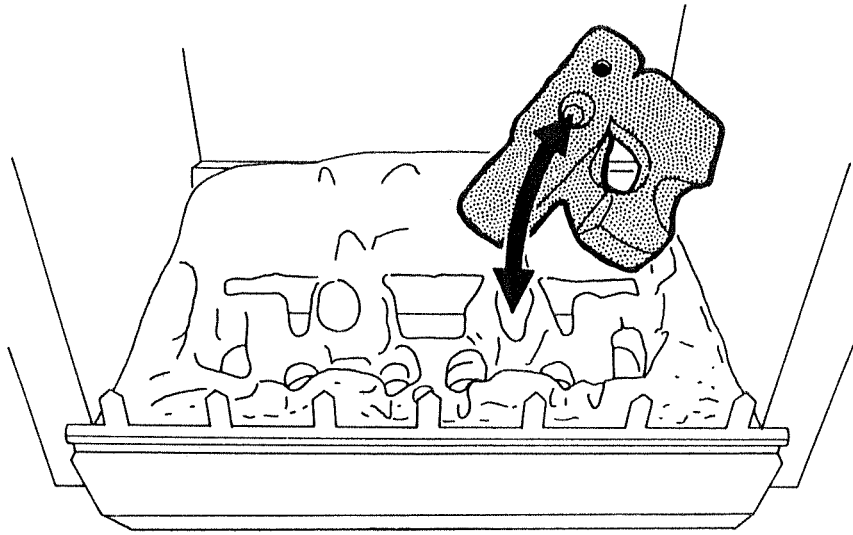


Place the Base Coal "A" in the fire box, ensuring that the front edge of the coal rests on the horizontal surface of the stainless steel coal

support bar as shown in Fig. 5a. It should **not** be on the narrow edge immediately behind the fire bar or be **behind** the horizontal face of the support bar.

### 5.3 Fit Coal "B"

(a)



(b)

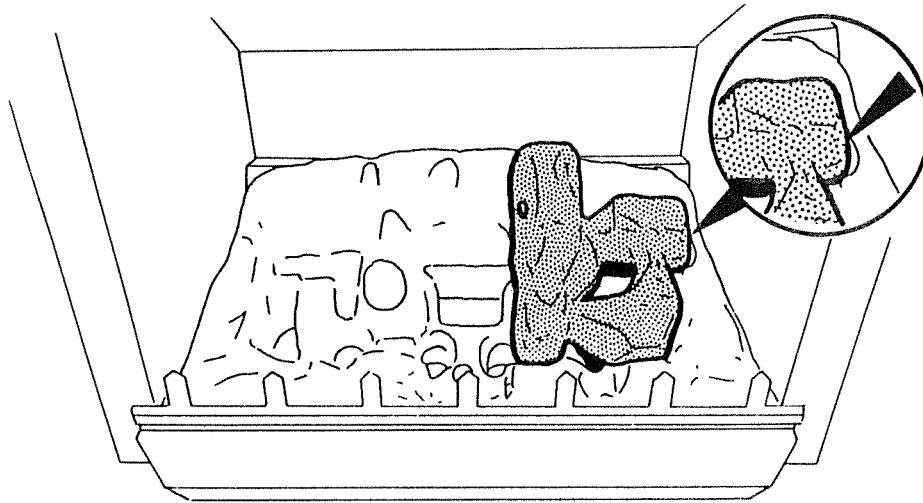


FIG. 6 COAL "B" POSITION

Place Coal "B" over the right side of the base coal "A". Locate the peg on the underside of coal "B" in the well in the base coal as shown in fig. 6a. The

right hand part of coal "B" should rest in the recess in the base coal as shown in fig. 6b.

## 5.4 Fit Coal "C"

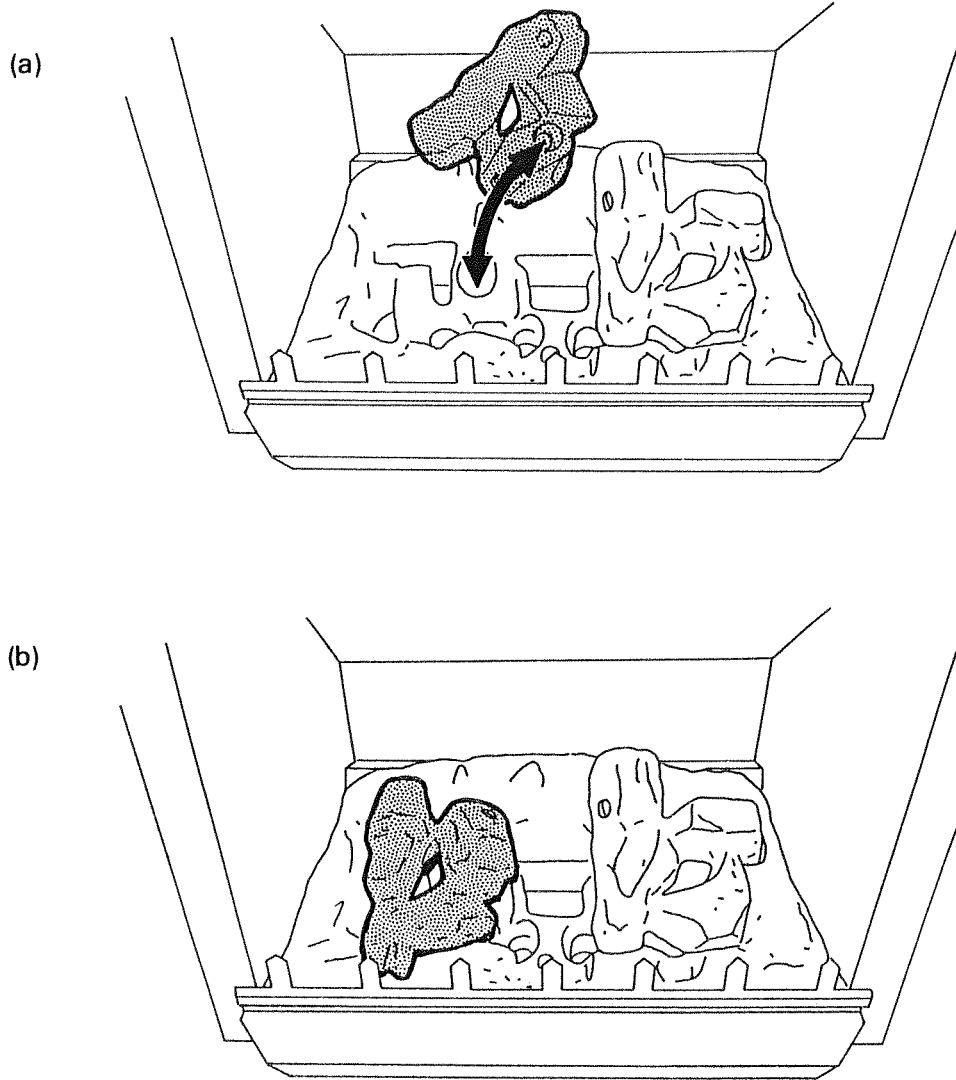


FIG. 7 COAL "C" POSITION

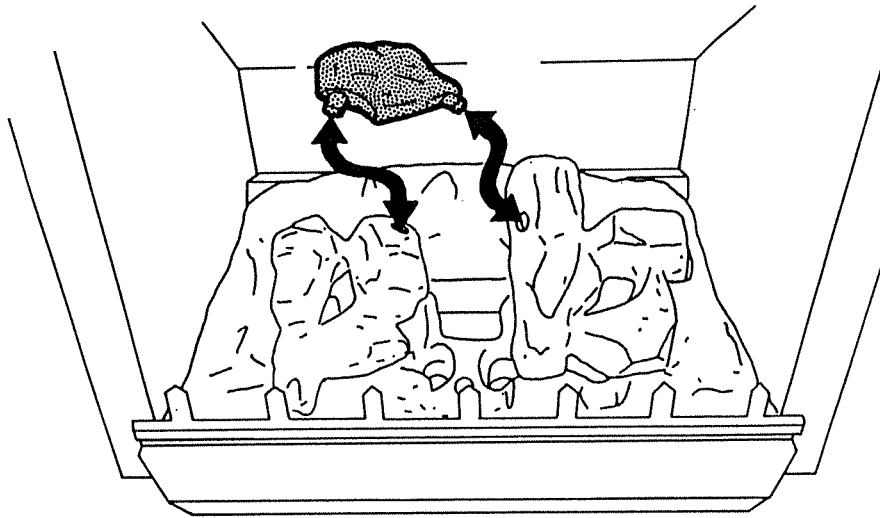
Place Coal "C" over the left side of the base coal "A". Locate the peg on the underside of coal "C" in the well in the base coal as shown in fig. 7a. The

rear face of the left hand part of coal "C" should rest in the recess at the back of the base coal as shown in fig. 7b.



## 5.5 Fit Coal "D"

(a)



(b)

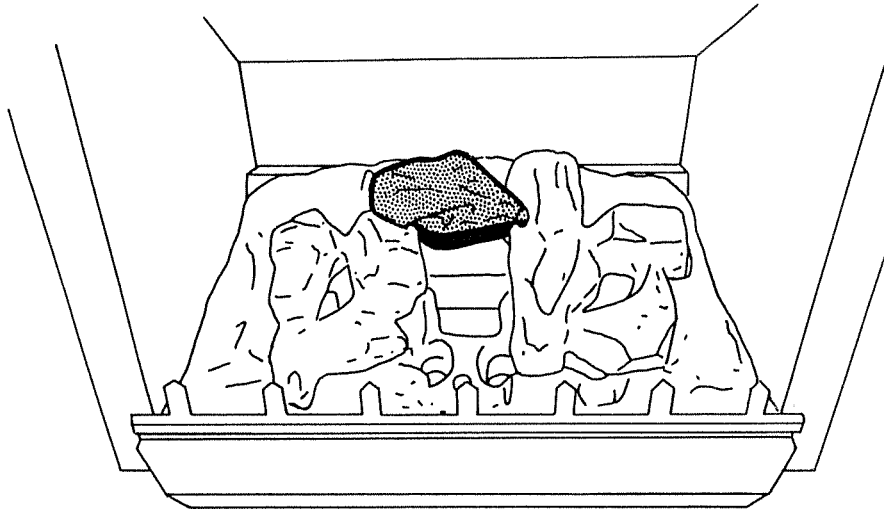


FIG. 8 COAL "D" POSITION

Hold coal "D" as shown in fig. 8a. Insert the peg situated at the bottom corner of the sloping edge of coal "D" into the hole at the left side and near the back of coal "B".

Slide coal "D" to the right so that the peg is fully engaged in the hole in coal "B" and at the same time lower the left side of coal "D" so that the other peg (at bottom left of coal "D") fully engages in the hole in the top right of coal "C".

## 5.6 Fit Coal "E"

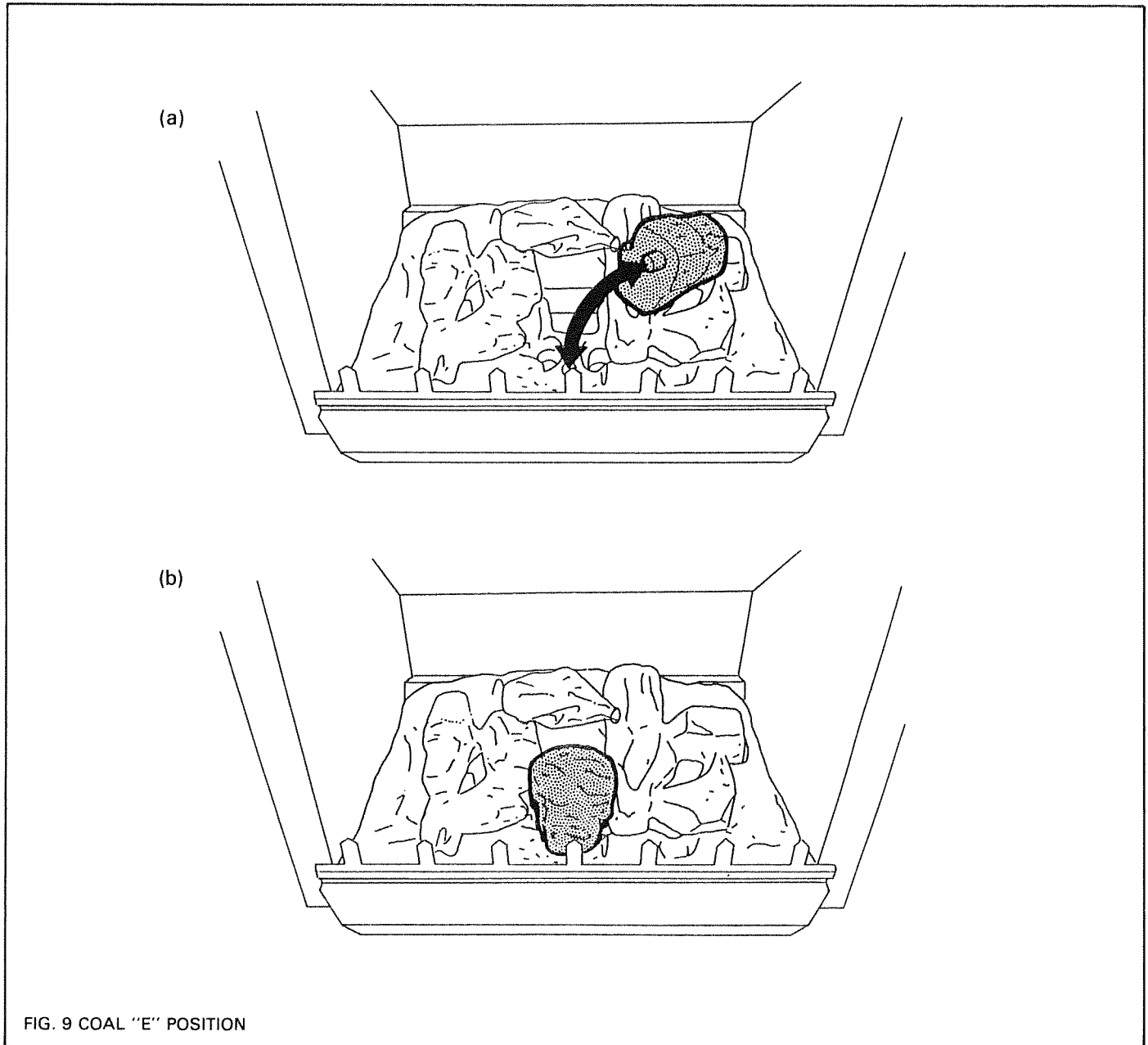


FIG. 9 COAL "E" POSITION

Place coal "E" directly behind the center prong of the front fire bar with its flat surface facing to the rear. The peg in coal "E" should fully engage in the

deep depression at the front center of base coal "A".

## 6. SERVICE & MAINTENANCE

If you require any attention to your appliance, contact your supplier quoting the model name and number.

It is helpful if the appliance serial number is also quoted. This will be found on the appliance rating plate which is located below the front of the fire box and which can be seen by removing the front fender.