

VERINE

ZODIAC 3 HIGH EFFICIENCY RADIANT FIREBOX

NATURAL GAS AND LPG MODELS.

**THIS IS NOT A
'DO-IT-YOURSELF' PRODUCT.**

**THIS APPLIANCE MUST BE INSTALLED BY
A CORGI REGISTERED PERSON.**

**IMPORTANT : THESE INSTRUCTIONS MUST BE READ
IN CONJUNCTION WITH THE STANDARD INSTALLATION
INSTRUCTIONS PROVIDED WITH EACH MODEL
BEFORE PROCEEDING WITH THE INSTALLATION.**

INSTALLATION INSTRUCTIONS

**PLEASE LEAVE THESE
INSTRUCTIONS WITH THE USER**



THESE PRODUCTS ARE APPROVED TO THE EUROPEAN GAS DIRECTIVE.

FITTING INSTRUCTIONS FOR ZODIAC RADIANT BOX.

1. GENERAL INSTALLATION REQUIREMENTS.

THE LAW DEMANDS THAT ALL GAS APPLIANCES ARE INSTALLED BY A CORGI REGISTERED PERSON IN ACCORDANCE WITH THE CURRENT GAS SAFETY (INSTALLATION AND USE) REGULATIONS. The installation must comply with these installation instructions and all relevant parts of Local and National Building Regulations or Building Standards (Scotland) (Consolidation) Regulations and the relevant recommendations of the following British Standards.

BS 5871 : Part 3.

BS 5440 : Parts 1 and 2.

BS 6891.

BS 8303.

BS 1251.

These installation instructions must be adhered to without exception.

They should be read in conjunction with the installation instructions supplied with the fire to be installed.

2. FIREPLACE RECESS.

The recess into which the fire box is to be fitted should conform to the dimensions shown in Figure 1, dependant on the model chosen. If a chairbrick is already in position, this must be removed and the recess cleared to permit the provision of a debris collection space behind the appliance.

- 2.1. The appliance must be fitted behind a non-combustible hearth which must be at least 12.5mm in depth. The top surface must be not less than 50mm above floor level to discourage carpets or rugs being placed over it.

2.2. HOLE-IN-THE-WALL INSTALLATIONS

We recommend that a hearth is installed as detailed in 2.1.

If a hearth is not fitted, the fire must be installed so that the distance from the base of the fireplace opening to the finished floor level is not less than 125mm.

- 2.3. The flue must have a minimum effective height of 3 metres.
- 2.4. The chimney must be of the open-flue type and have a minimum cross-sectional dimension not less than 175mm (7").
- 2.5. No restrictor plate or flue-damper is permitted. Where a variable damper is fitted, this must be removed.
- 2.6. We recommend that the debris deflector is fitted with the 2 screws provided to the top of the radiant box prior to installation.
- 2.7. The chimney must be swept before the appliance is installed

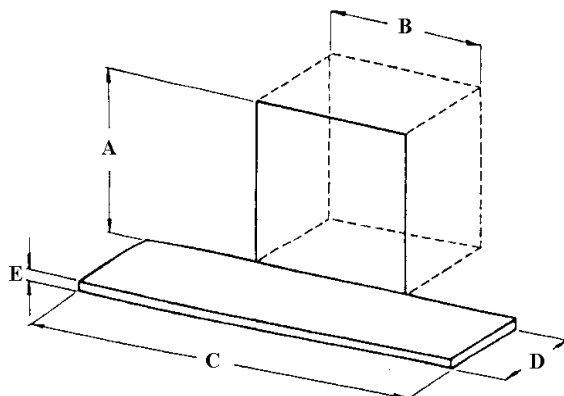


FIGURE 1.

	16" Model	18" Model
A	Minimum 559mm (22")	Maximum 571mm (22½")
B	Minimum 406mm (16") Maximum 438mm (17¼")	Minimum 457mm (18") Maximum 489mm (19¼")
C	Minimum 738mm (29")	Minimum 789mm (31½")
D	Minimum 300mm (12")	Minimum 300mm (12")
E	Minimum 50mm (2")	Minimum 50mm (2")

2.8. **VENTILATION.** The room containing the appliance must have a permanent air-vent of at least 100 sq. cms (unless the appliance installation instructions dictate otherwise). The vent must either be to outside air, or to an adjacent room having a permanent air-vent of the same area. This vent must be checked periodically to ensure that it is kept free.

2.9. Check that the fire you are fitting is appropriate to the gas supply, i.e. Natural Gas or LPG.

3. INSTALLING THE FIREBOX.

3.1. Check that the appliance is the correct size for the fireplace into which it is to be installed. See Figure 1.

3.2. Slide the firebox into the prepared recess and check that the flue outlet on top of the firebox is not obstructed in any way.

N.B. WHEN FITTING THE FIREBOX ENSURE THAT NO OBSTRUCTION OF THE FLUE PORT CAN OCCUR, I.E. OVERSIZE LINTEL.

3.3. The firebox should be fitted in such a manner as to be removable for the purpose of chimney cleaning and the removal of deposited debris.

3.4. Seal the firebox into the fire opening using a water based mastic, heat resistant foam tape or a fire fixing kit. When correctly installed, a seal should be formed behind the frame of the firebox to ensure that only air, which has been drawn in through the front of the box, can reach the flue.

3.5. It is recommended that, before proceeding further, a simple smoke test be performed to check the performance of the chimney. Light a smoke match or a twist of rolled paper, hold it at a point within the firebox opening and below the level of the top edge of the box and observe the behaviour of the smoke. If it is being drawn into the firebox, proceed with the installation. If not, preheat the chimney over a period of a few minutes and recheck. If smoke still fails to clear, further investigation of the chimney is required and the appliance **MUST NOT** be fitted.

4. GAS SUPPLY.

4.1. Having checked that the burner is suitable for the type of gas to be used (either LPG or natural gas), decide whether the gas supply pipe is to be routed through the sides or back of the box, or across the front of the fireplace. If the pipe has to pass through the sides or back of the box, use one of the holes provided, cutting the grommet to that the pipe can pass through, but the rubber will provide a sleeve between the pipe and the metal edge of the box.

CAUTION. If it is necessary to drill a hole for the pipework to enter the box, it is imperative that this hole is drilled from the inside of the box to avoid damaging the fireback. Provision will have to be made to pass the pipe through the masonry of the fireplace. Care must be taken to sleeve the pipework when passing it through the masonry.

- 4.2. Bring the gas supply pipe from the meter or cylinder to a convenient position near the fireplace.
- 4.3. Cut and form a piece of 8mm tube, only rigid or semi-rigid tubing is acceptable, and run this into the fireplace opening.

Where possible, the supply pipe should be run to the rear of the fireplace opening to make removal for servicing easier.

5. The following procedures are fully described in the installation instructions provided with the fire and should be carried out in the same order.
 - (a) Gas soundness check.
 - (b) Laying the fire. (REFER TO COAL LAY INSTRUCTIONS).
 - (c) Lighting the appliance.
 - (d) Adjustment of coal lay.
 - (e) Spillage check.
 - (f) Briefing the user.
 - (g) Service and maintenance.

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