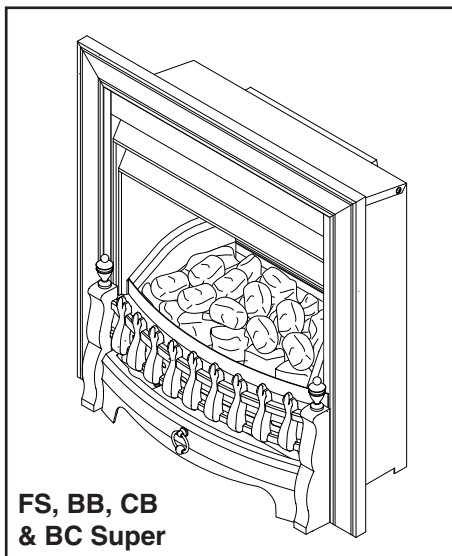
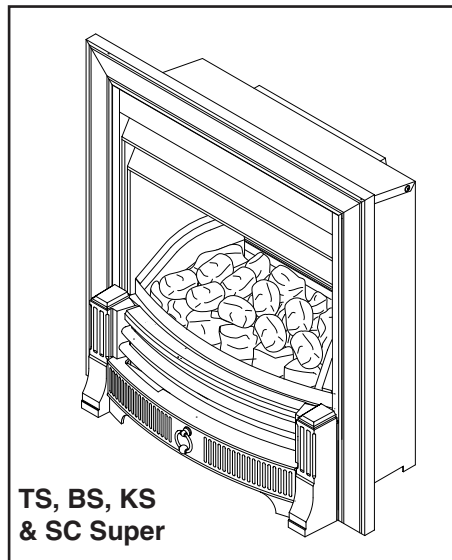


Please keep these instructions safe.
Should you move house, please hand
them over to the next occupier.

Baxi Bermuda Inset 3 Super

Fireside Gas Central Heating Units

User's Operating Instructions



BAXI

Natural Gas

Baxi Bermuda Inset 3 BS Super

G.C.No. 37 075 56

Baxi Bermuda Inset 3 TS Super

G.C.No. 37 075 57

Baxi Bermuda Inset 3 KS Super

G.C.No. 37 075 54

Baxi Bermuda Inset 3 FS Super

G.C.No. 37 075 55

Baxi Bermuda Inset 3 BB Super

G.C.No. 37 075 62

Baxi Bermuda Inset 3 CB Super

G.C.No. 37 075 63

Baxi Bermuda Inset 3 SC Super

G.C.No. 37 075 64

Baxi Bermuda Inset 3 BC Super

G.C.No. 37 075 65

For use with the following boiler:

Baxi Bermuda Inset 2 Boiler 50/4 E

G.C.No. 44 075 03

Baxi Bermuda Inset 3 Boiler 50/5

G.C.No. 44 075 07

Baxi is one of the leading manufacturers of domestic heating products in the UK.

Our first priority is to give a high quality service to our customers. Quality is built into every Baxi product - products which fulfil the demands and needs of customers, offering choice, efficiency and reliability.

To keep ahead of changing trends, we have made a commitment to develop new ideas using the latest technology - with the aim of continuing to make the products that customers want to buy.

Everyone who works at Baxi has a commitment to quality because we know that satisfied customers mean continued success.

We hope you get a satisfactory service from Baxi. If not, please let us know.

Codes of Practice, most recent version should be used

In GB the following Codes of Practice apply:

Standard	Scope
BS 6891	Gas Installation.
BS 5440 Part 1	Flues.
BS 5440 Part 2	Ventilation.
BS 5871 Part 2	Installation of inset live fuel effect fires.

In IE the following Codes of Practice apply:

Standard	Scope
I.S. 813	Domestic Gas Installations.

IMPORTANT - The addition of anything that may interfere with the normal operation of the appliance without express written permission from the manufacturer or his agent could invalidate the appliance warranty. In GB this could also infringe the **GAS SAFETY** (Installation and Use) **REGULATIONS**.

IMPORTANT - Installation, Commissioning, Service & Repair

This appliance must be installed in accordance with the manufacturer's instructions and the regulations in force. Read the instructions fully before installing or using the appliance.

In GB, this must be carried out by a competent person as stated in the Gas Safety (Installation & Use) Regulations.

Definition of competence: A person who works for a CORGI registered company and holding current certificates in the relevant ACS modules, or valid ACoP equivalents, is deemed competent.

In IE, this must be carried out by a competent person as stated in I.S. 813 "Domestic Gas Installations".



Baxi is a BS-EN ISO 9001
Accredited Company

1.0 Warnings

Notice

Discolouration of wall surfaces

Most heating appliances generate warm air convection currents and transfer heat to any wall surface against which they are situated.

Some soft furnishings (such as blown vinyl wallpapers) may not be suitable for use where they are subject to temperatures above normal room levels and the manufacturer's advice should be sought before using this type of wall covering adjacent to any heating appliance.

The likelihood of wall staining from convected air currents will be increased in environments where high levels of tobacco smoke or other contaminants exist.

Although the fire appears similar to a coal fire when operating care should be taken to avoid throwing rubbish onto the coalbed.

Guarding

This appliance has a naked flame and a fireguard conforming to B.S. 6539 or 6778 should be used, especially in instances where young children, the elderly or infirm are likely to be present.

Never Hang Flammable Items Over The Appliance

Shelf

1. If a shelf is to be fitted above the fire, then it must be at least 126mm (5in) above the fire and not more than 178mm (7in) in depth.

2. Alternatively, a 229mm (9in) deep shelf may be fitted, but must be at least 180mm (7¹/₈in) above the fire.

“Benchmark” Installation, Commissioning and Service Record Log Book

Please ensure that your installer has completed the Installation and Commissioning sections of the Log Book and hands the Log Book over. The details of the Log Book will be required in the event of any warranty work. Keep the Log Book in a safe place and ensure that the relevant sections are completed at each subsequent regular service visit.

All CORGI registered installers carry a CORGI identification card and have a registration number. Both should be recorded in your boiler Log Book. You can check your installer is registered by telephoning +44 (0)1256 372300 or writing to:-
1 Elmwood,
Chineham Business Park,
Crockford Lane,
Basingstoke. RG24 8WG

1.1 Safe Installation

The appliance is suitable only for installation in GB and IE and should be installed in accordance with the rules in force.

In GB, the installation must be carried out by a CORGI Registered Installer. It must be carried out in accordance with the relevant requirements of the:

- Gas Safety (Installation & Use) Regulations.
- The appropriate Building Regulations either The Building Regulations, The Building Regulations (Scotland), Building Regulations (Northern Ireland).
- The Water Fittings Regulations or Water Byelaws in Scotland.
- The Current I.E.E. Wiring Regulations.

Where no specific instructions are given, reference should be made to the relevant British Standard Code of Practice.

In IE, the installation must be carried out by a competent Person and installed in accordance with the current edition of I.S. 813 'Domestic Gas Installations', the current Building Regulations and reference should be made to the current ETCI rules for electrical installation.

Read the instructions before installing or using this appliance.

Any purpose provided ventilation should be checked periodically to ensure that it is free from obstruction.

1.2 Important Information

This product uses fuel effect pieces containing Refractory Ceramic Fibres (R.C.F.) which are man-made vitreous silicate fibres. Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract. Care must be taken when handling these articles to ensure the release of dust or fibres is kept to a minimum. Refer to section 6.1 Cleaning the Fire.

1.3 In case of gas leaks

If a gas leak is found or suspected, turn off the gas supply at the meter immediately and call your gas supplier.

1.4 Servicing your Appliance

For reasons of safety and economy your appliance should be serviced annually. Your Installer will be able to advise you.

2.0 Introduction

2.1 Introduction

1. Your Baxi Bermuda Inset 3 Super is a central heating boiler combined with a gas fire. The firefront is of the Decorative Fuel Effect type and incorporates an optional illumination effect for use when the fire is off. The boiler will provide heating for the rest of the house and also domestic hot water if required. The boiler and fire are independently controlled.

2. The boiler may be controlled by an external programmer or clock control (see separate instructions with the clock controller used). Manual control is available with the boiler thermostat control.

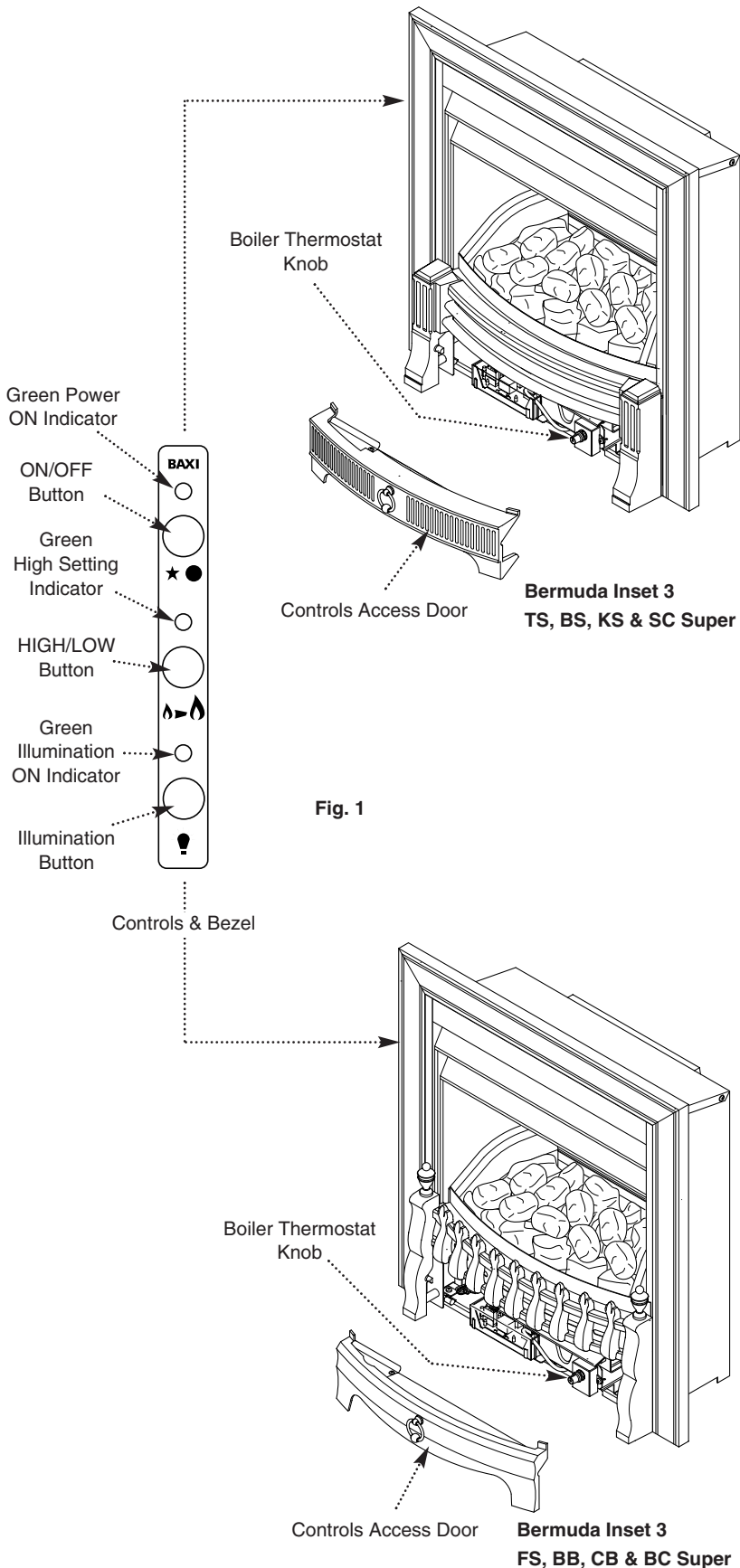
NOTE: The fire or illumination effect will not function in the event of a power failure.

2.2 Controls and Identification (Fig. 1)

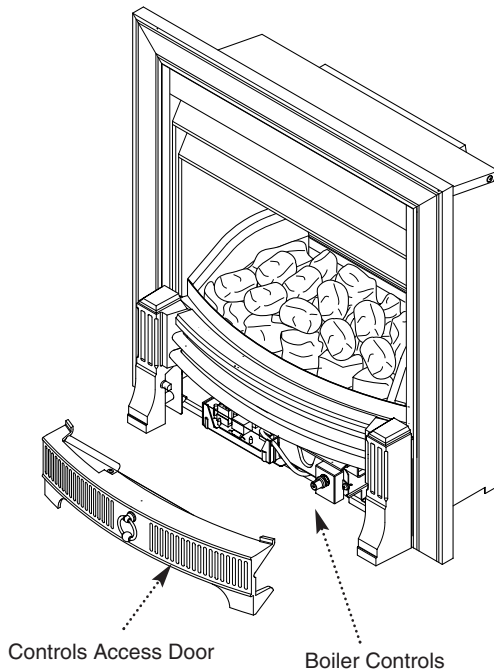
1. The controls for the fire are situated on the upper left hand side of the fire surround.
2. Remove the controls access door at the bottom of the fire to gain access to the boiler controls.
3. Fire identification is situated on the inner right hand side panel behind the controls access door.
4. Boiler identification is on the boiler controls behind the controls access door.
5. Before operating the unit ensure that the main gas and electricity supplies are turned on.

2.3 Pilot/A.S.D.

1. Both the boiler and firefront are fitted with a pilot light that also acts as an Atmospheric Sensing Device. This means that in the event of the flow of gases out of the flue being interrupted the pilots will extinguish and shut the fire and boiler down. If this occurs persistently your Service Engineer should be contacted immediately.



3.0 Operating the Boiler



3.1 To light the boiler (Fig. 2 & 2a)

Ensure that all external controls, e.g. room thermostat, timer etc., are calling for heat. To operate the pilot turn the thermostat knob to the desired position. The pilot light (50/4E) or indicator light (50/5) will illuminate once the pilot is lit. The burner will also light shortly after the pilot has been established. The pilot is intermittent and only lights when there is a call for heat.

If the boiler cannot be lit by the above method consult your Service Engineer.

3.2 To adjust the boiler temperature (Fig. 2 & 2a)

Turn the boiler thermostat knob clockwise to the required setting. The optimum boiler thermostat setting depends upon type of system, external controls and your requirements. Your Installer will be able to advise you on this matter.

3.3 Resetting the boiler

1. **Inset 2 Boiler 50/4 E Model** (Fig. 2). If the boiler lockout light is illuminated, it is necessary to reset the appliance. To do this turn the boiler thermostat control knob fully anticlockwise to the OFF position and wait 10 seconds. Turn the control knob clockwise to the required setting. The boiler will commence the ignition sequence providing the water temperature is sufficiently cool.

2. **Inset 3 Boiler 50/5 Model** (Fig. 2a). If the indicator light is illuminated red/or flashing red, it is necessary to reset the appliance. To do this turn the boiler thermostat control knob fully anticlockwise to the OFF position and wait until the light shows orange. Turn the control knob clockwise to the required setting. The boiler will commence the ignition sequence.

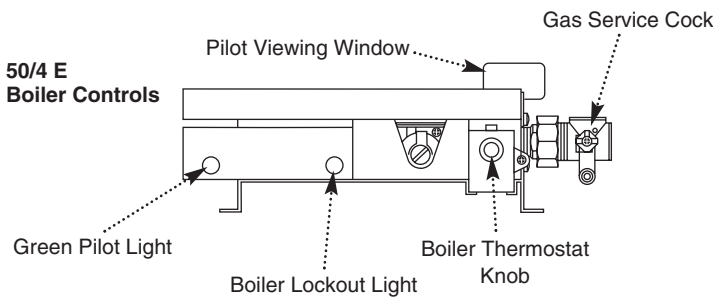


Fig. 2

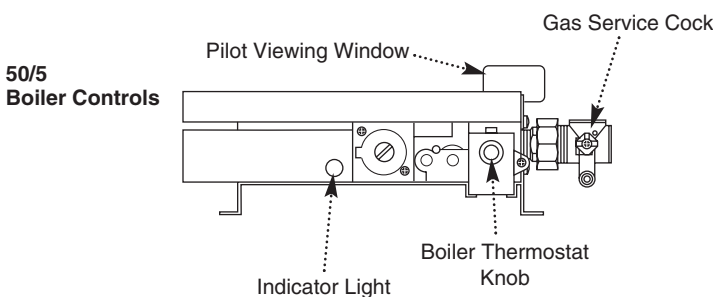


Fig. 2a

3.4 To switch off the boiler for short periods (Fig. 2 & 2a)

1. Turn the boiler thermostat knob fully anticlockwise to the off position (O) until it clicks.

3.5 To switch off the boiler for long periods (Fig. 2 & 2a)

1. Turn the boiler thermostat knob fully anticlockwise to the off position (O) until it clicks.



2. It is recommended that if the system is left off for long periods during cold weather the whole system is drained to avoid frost damage.

3. Advice on draining the system can be obtained from your Service Engineer.

4.0 Operating the Fire

The fire is controlled by three switches situated on the upper left hand side of the fire surround. The illumination effect operates independently to the High & Low gas rates on the fire.

4.1 To operate the illumination effect (Fig. 3)

1. To switch on the illumination, press the  button once. The green indicator will come on to confirm this.
2. To switch off the illumination, press the  button once.

4.2 To light the fire (Fig. 3)

1. The fire has three settings:-

OFF LOW HIGH

2. The ON button has a safety feature built in. It should be pressed and held for 3-4 seconds. (The green power ON indicator comes on when the ON/OFF button is pressed.)

3. During the ignition sequence you will hear an audible signal. This lasts for up to 20 seconds. The fire will then automatically ignite on the low setting.

NOTE: If the ON/OFF button is pressed and held for less than 3 seconds the fire will not ignite. This is a built in safety feature.

4. If the fire fails to ignite or goes out at any time, switch the fire off and repeat the procedure.

5. If you require the fire on the high setting, press the High/Low button. The green high setting indicator will come on to confirm this. This operation can be undertaken during the ignition sequence.

NOTE: It is recommended that the fire is operated on HIGH initially.

6. To change the fire from high to low, press the High/Low button once. The green high setting indicator will go out to confirm this.

NOTE: When your Bermuda Inset 3 Super is first used it is possible some smells may be emitted. These smells will quickly clear with use.

4.3 To turn the fire off (Fig. 3)

1. Pressing the ON/OFF button once will turn the fire off and the green power ON indicator will go out to confirm this.

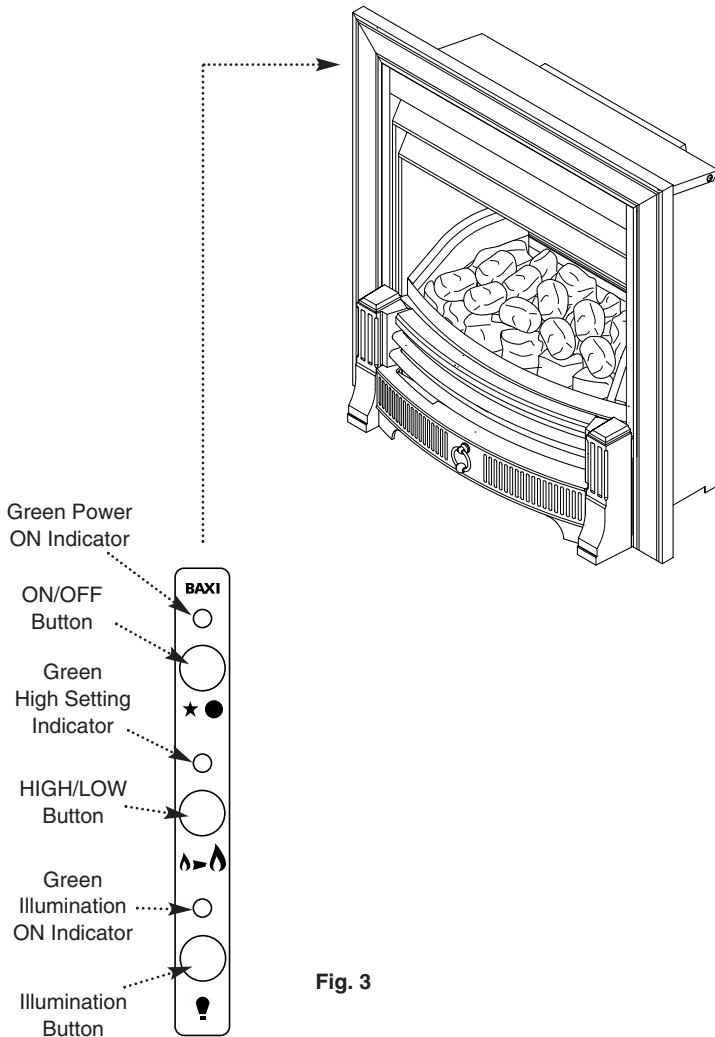


Fig. 3

Controls & Bezel

5.0 Arranging the Coals

5.1 Arranging the Coals

It is important that all the coals are used and arranged as shown in order to achieve the desired flame picture.

CAUTION: The coals are extremely fragile and must be handled accordingly. Gloves should be worn and any inhalation of the dust should be avoided. Keep the coals away from children at all times. Never use coals other than those originally supplied or Genuine Baxi Spare Parts. Never put additional coals on the fire. Please read section 1.2 Important Information and section 6.1 Cleaning the Fire.

1. It may be necessary to remove some or all of the coals to retouch or clean them at some time. Cleaning must only be done using a very soft brush. Any areas of the coal bed where the coating has deteriorated may be retouched using the black stain available direct from Baxi or from your local Baxi Spares Stockist. Quote Part N° 043224 when ordering.

2. The following procedure assumes all the loose coals, side cheeks, rear and front coals are to be fitted. If not all the coals require replacement, refer to the diagrams and determine at which point you need to commence.

3. Place the right / left hand side cheeks against the combustion box side walls (Fig. 4).

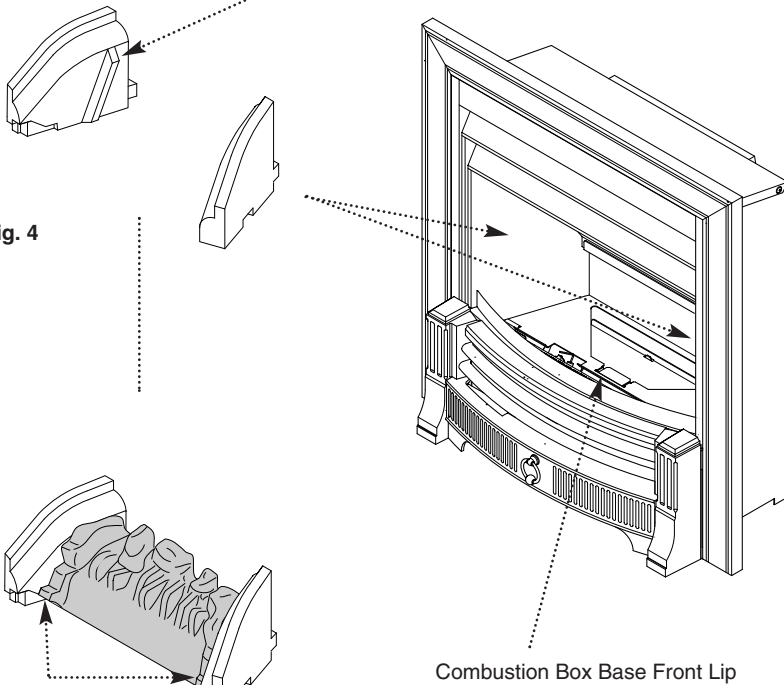
4. Locate the rear coal behind the combustion box base front lip and angle it back against the side cheek location stops (Figs. 4 & 5).

5. Locate the front coal onto the rear coal side support ledges and behind the lip of the burner bracket (Figs. 5 & 6).

6. Place 5 of the loose coals into the location recesses of the front coal, (flat face downward). The 3 centre coals should rest against the corresponding rear coal spacer lugs. Orientation of the coals should be as shown in order to achieve the desired flame picture (Fig. 7).

7. Place the remaining 4 loose coals between the front loose coals and the rear coal, (flat face downwards). Orientation of the coals should be as shown in order to achieve the desired flame picture (Fig. 8).

Side Cheek Location Stop



Rear Coal Side Support Ledges

Fig. 5

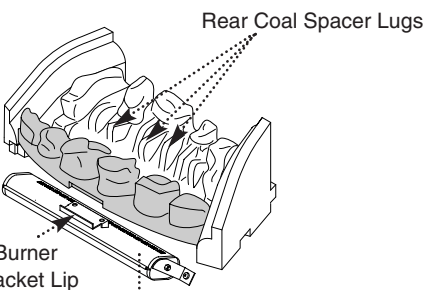


Fig. 6

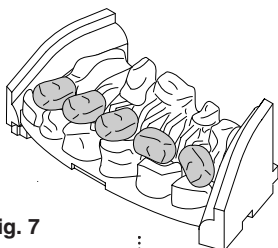


Fig. 7

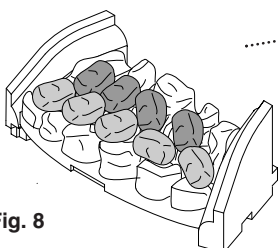


Fig. 8

6.0 Spares and Cleaning

6.1 Cleaning the Fire

1. The fire may be cleaned with a damp cloth and wiped with a soft duster. Do not use metal polish on any parts of the appliance. (BC model only - The fender assembly may be cleaned with a non-abrasive aluminium, brass or chrome liquid cleaner.)
2. **It is possible that some soot may be deposited on the coals after use. This is acceptable providing it is not allowed to accumulate.** Should any soot accumulation become excessive the fuel effect pieces should be removed from the fire for cleaning. It is recommended that gloves are worn when handling these items. Cleaning should be carried out in a well-ventilated area or the open air by gently brushing with a soft brush with the pieces/bed held away from the face to avoid inhaling the dust. The use of a normal domestic vacuum cleaner is not recommended as it may blow dust back into the air. Care must also be taken if retouching the fuel effect pieces is required. Always wash hands thoroughly after handling the fuel effect pieces.

6.2 Changing the Bulbs

IMPORTANT: Only replace the bulb/s with a 12V 20W halogen capsule bulb available at most DIY outlets, specialist electrical stores or from Baxi.

1. Remove the coals, placing them on a newspaper or similar to prevent soiling furnishings.
2. Lift out the glass retaining assembly (Fig. 9).
3. Remove the bulb by pulling out from the ceramic bulb holder to disengage the pins (Fig. 10).
4. Fit the replacement bulb in reverse order.
NOTE: Halogen bulbs should not be handled with bare fingers. Always use a cloth to grip the bulb.
5. Replace the glass retaining assembly and reassemble the coal bed (see Arranging the Coals - section 5.0).

6.3 Cleaning or Changing the Glass

1. Remove the coals, placing them on a newspaper or similar to prevent soiling furnishings.
2. Lift out the glass retaining assembly (Fig. 9).
3. Carefully remove the three amber glass pieces and clean (Fig. 11).
4. Fit the new or cleaned glass and reassemble the coals.

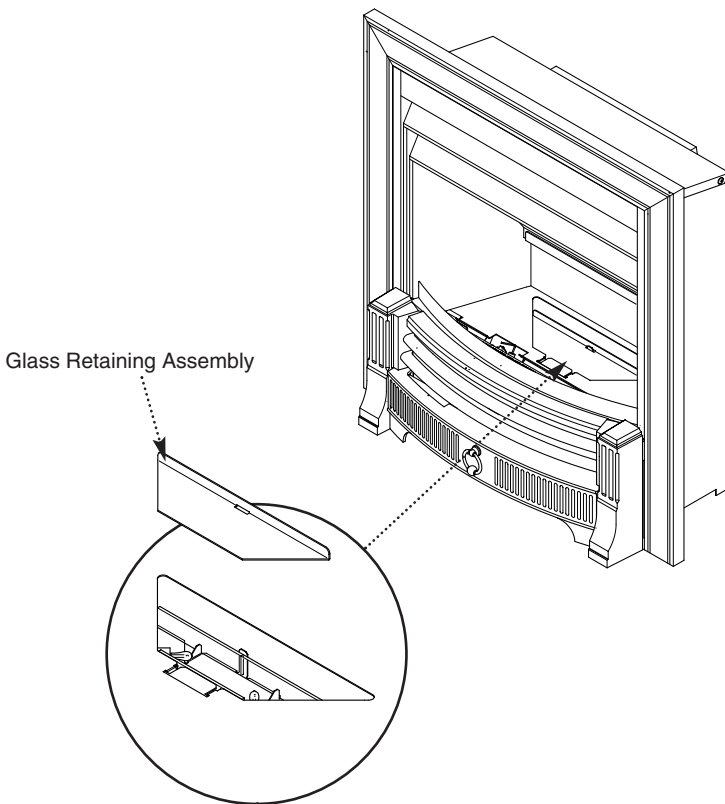


Fig. 9

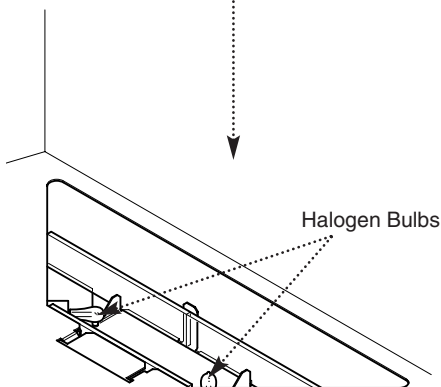


Fig. 10

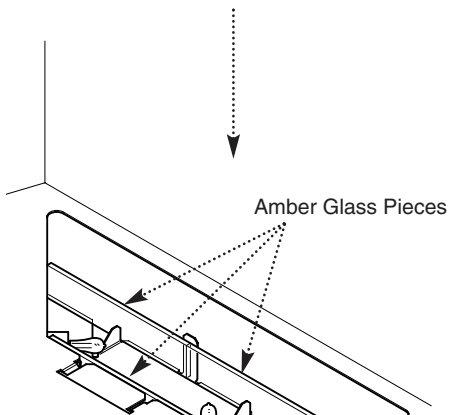


Fig. 11

7.0 Guarantee

7.1 Guarantee

1. Your Baxi Bermuda Inset 3 Super is designed and produced to meet all the relevant Standards.

2. Baxi provide a 3 year guarantee on the Bermuda - other parts of the system are covered by the Installer or other manufacturers. The guarantee operates from the date installation is completed for the customer who is the original user.

3. To maximise the benefit from our guarantee we urge you to return the reply-paid guarantee registration.

4. This does not in any way prejudice your rights at Common Law. Such rights between the customer and the installer or supplier from whom the unit was purchased remain intact.

Any component or part which becomes defective during the guarantee period as a result of faulty workmanship or material whilst in normal use will be repaired or replaced free of charge.

Baxi manufacture a comprehensive range of products for the domestic heating market

**Gas Central Heating Boilers
(Wall, Floor and Fireside models).**

Independent Gas Fires.

Renewal Firefronts.

Gas Wall Heaters.

Solid Fuel Fires.

If you require information on any of these products, please write to the Sales Department.

