



Riva2 670 Electric



Instructions for Use, Installation & Servicing

For use in GB & IE (Great Britain & Republic of Ireland).



IMPORTANT

THE OUTER CASING, FRONT AND GLASS PANEL BECOME EXTREMELY HOT DURING OPERATION AND WILL RESULT IN SERIOUS INJURY AND BURNS IF TOUCHED. IT IS THEREFORE RECOMMENDED THAT A FIREGUARD COMPLYING WITH BS 8423 (LATEST EDITION) IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

For use with 230V 50Hz electricity supply only.

Please read these instructions carefully before installation and keep them in a safe place.

They will be needed when maintenance or servicing is required.

THIS APPLIANCE MUST BE EARTHED

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Covering the following models:

Electric Riva2 670

234-872

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To receive your Extended Warranty your Gazco appliance must have been purchased from our Expert Retailer Network and registered within one month of purchase or installation. Please note that all warranties are effective from the date of purchase. Any Gazco product purchased outside of our Extended Retailer Network, or not registered within the stated time will carry a standard 12 month warranty.

Full terms and conditions are detailed in the Warranty Statement on the Gazco website www.gazco.com. In the event of any conflict of information the wording on the website shall prevail.

Important Note: Should any problems be experienced with your product, claims must first be submitted to the Expert Retailer where the appliance was purchased from who will offer immediate assistance or contact Gazco on your behalf.

Registration No WEE/DH1656ZW


In accordance with European Directive 2012/19/ EU, waste electrical and electronic equipment (WEEE) must not be disposed of with household waste.



At the end of its useful life please take this product to an appropriate recycling centre or collection point. You can find your nearest recycling centre by using the bank locator at www.recycle-more.co.uk for UK customers, www.weeeireland.ie for customers in the Republic of Ireland, or by contacting your local authority.

User Instructions

1. Important Information and Health and Safety

- 1.1 **Read all of the instructions carefully before using the appliance.**
- 1.2 **Remove all packaging and dispose of at an appropriate recycling facility.**
- 1.3 Do not locate this appliance immediately below a fixed socket outlet.
- 1.4 The outer casing of this appliance is considered by the manufacturer to be a working surface which becomes hot when the fire is switched on. You must use a suitable fire guard to protect children, the elderly and the infirm.
- 1.5 Do not use this appliance in the immediate surroundings of a bath, shower, swimming pool or any other area where the appliance could come into contact with water or humidity, e.g. a bathroom.
- 1.6  **WARNING! DO NOT COVER**
Do not allow the appliance to be covered or let the air inlet/outlet become obstructed as the appliance may overheat. Please note the warning symbol on the appliance (see above).
- 1.7 **For indoor use only.** This appliance is not suitable for use outside the house.
- 1.8 Keep the power cord away from hot surfaces and hot conditions. Do not route the power lead in front of the appliance.
- 1.9 This appliance must be firmly fixed into a recessed opening or to a flat internal wall using the optional Wall Mounting Bracket. Ensure that furniture, curtains etc. are positioned no closer than 1m to the appliance.
- 1.10 If the installation is to be at floor level the appliance must stand on a non combustible surface which projects at least 300mm in front of the appliance.
Do not allow rugs or carpets to be placed within 300mm of the front of the appliance.
- 1.11 When the appliance has been installed, the position of the plug must be accessible.
- 1.12 Where the electricity supply cable has to pass through a fire place, stone surround etc. ensure suitable rubber bushes are fitted at possible wear points.
- 1.13 If the electricity supply cable is damaged do not use the appliance until it has been replaced. For safety reasons the replacement has to be carried out by a Gazco service agent or a similarly competent electrician.
- 1.14 **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
- 1.15 Do not operate the appliance if it is damaged.

- 1.16 Repairs of electrical appliances must only be performed by an electrical engineer. Should the appliance fail to operate, or in case of any damage, please contact the retailer from whom the appliance was purchased.
- 1.17 This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children of less than 3 years should be kept away unless continuously supervised.

Children aged from 3 years and less than 8 years shall only switch on/off the appliance provided that it has been placed or installed in its intended normal operating position and they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children aged from 3 years and less than 8 years shall not plug in, regulate and clean the appliance or perform maintenance.

However Gazco recommend:

This appliance is not intended to be used by persons under the age of 12, persons with reduced physical, sensory or mental capabilities or persons with lack of experience and knowledge in the safe operation of the appliance.

The appliance may be operated by persons above the age of 12 provided they have been instructed in the safe use of the appliance and that they understand the hazards involved. Persons above the age of 12 may also operate the appliance under the supervision of a responsible adult.

Parts of this appliance become hot whilst in operation and under no circumstances should persons under the age of 12 be left alone with the product when it is in operation unless a suitable fireguard is used to protect them against the possibility of coming into direct contact with the appliance.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be made by children without supervision.

2. Operating Instructions



WARNING! Do not operate the appliance if it is damaged or has malfunctioned. If you suspect the appliance is damaged or has malfunctioned call a qualified service engineer to inspect the appliance, and replace any part of the electrical system if necessary, before reuse.

Do not disconnect the power at the mains supply whilst the appliance is running. Use the functions on the remote to turn the fire off and ensure the mains switch has been moved to the off position before disconnecting.

GENERAL

- 2.1 The appliance can be operated by the radio frequency handset or the manual controls which are on the right hand side of the lower front panel.

User Instructions

NOTE: To use both remote and manual functions the manual on/off switch must be in 'ON' position. In order to prevent the product becoming too hot, there is 10s delay when turning on the heater and a 10s delay when turning off the heater fan.

The manual button controls basic functions, not a full range of controls. Use the remote hand set to carry out all functions.

PREPARATION BEFORE USE

Batteries:

- 2.2 Ensure that the handset battery is new and is inserted correctly.
- 2.3 Dispose of old batteries at an appropriate recycling facility.

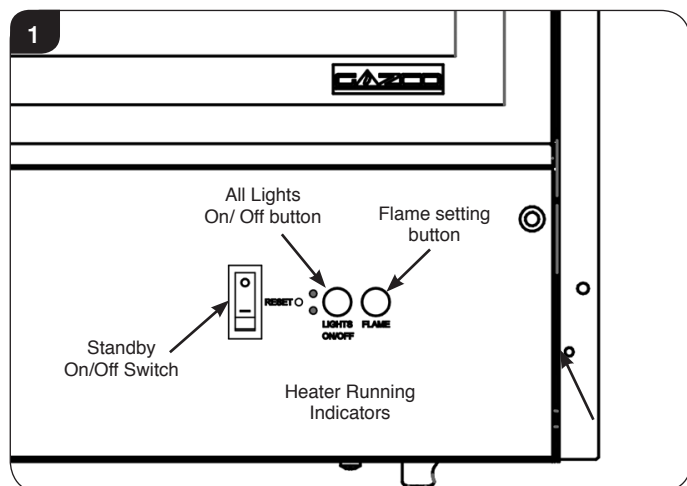
LOCATION OF POWER SWITCH

- 2.4 The mains power switch is located on the control panel located on the right-hand side of the appliance behind the door of the frame, see Diagram 1.
- 2.5 Switch ON (—) before operating either the remote or manual controls.
- 2.6 A beep is heard to indicate the fire is ready for use.

2a. Manual Control Panel

- 2a.1 The manual controls on appliance are located on the right hand side of the lower front panel.
- 2a.2 Turning on the appliance with the main power switch on '—' position. A long beep will be heard.
- 2a.3 Press "LIGHTS ON/OFF" to turn on or turn off both the flame and fuel bed at the same time.
- 2a.4 There are 3 flame colour options:

Press "FLAME" button to select the colour of flame (3 kinds of flame colour with flame) or return to the OFF position.



Note: The appliance will lose the memory for the light functions when the switch is set to the Off Position or the remote runs out of power.

Heater Running Indicators (see Diagram 1)

- 2a.5 When the fan heater is used in conjunction with the flame effect the heater running indicators will light up for 10 seconds.

The LEDs will illuminate for 10 seconds if the flame or fuel bed effect is On.

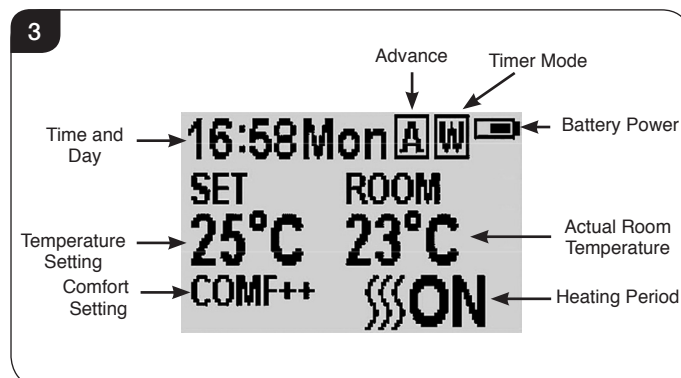
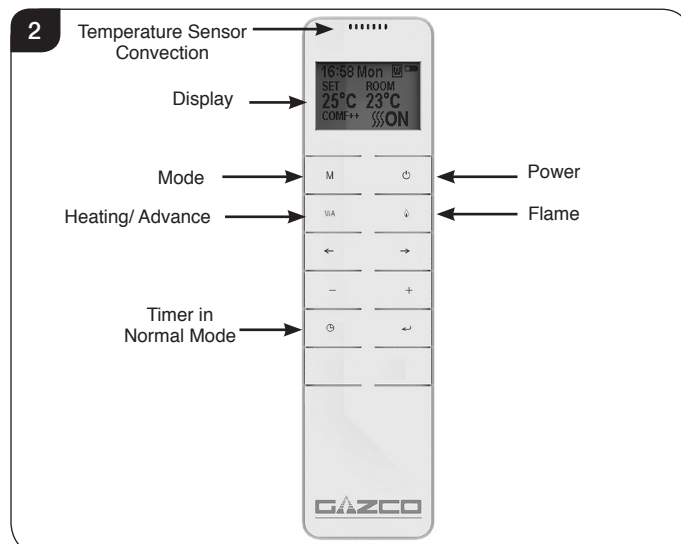
If the fan heater is used independently, the heater running indicators will stay on.

Reset Button for Remote Control

- 2a.6 If the handset loses signal or needs to be replaced then, see Section 13 in Servicing Section for details.

2b. Remote Controls

The remote control should be left on a flat surface in the room where the appliance is installed and away from any direct flow of hot air.






Signal Code

- 2b.1 The remote control works by radio signal. The handheld transmitter is configured in the factory with a unique signal code.

IMPORTANT: If the handset loses signal or needs to be replaced, see Section 13 in Servicing Section for details.

User Instructions

Turn on/off

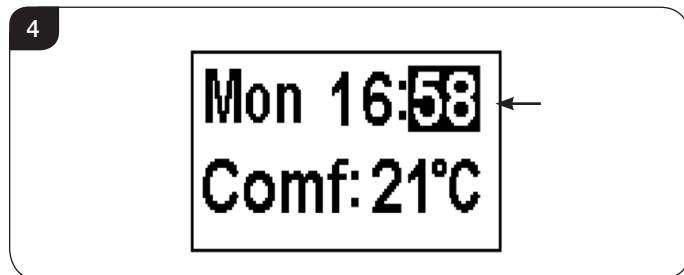
- 2b.2 Press  button to turn on the flame effect.
- 2b.3 Press  button to turn off all the functions under the normal heating control mode including flame effect and fan heater.
- 2b.4 Press  button to turn off the flame effect under daily and week timer heating mode.


Week Days/ Time/ Comfort Temperature and Unit Setting

On activation it is recommended that the clock is reset to the correct time to ensure accuracy of the appliance operation.

- 2b.5 Hold the **M** button for 3 seconds to enter the setting screen.
- 2b.6 Press the '←' or '→' button to choose setting to change.

The selected character will be highlighted, see Diagram 4.



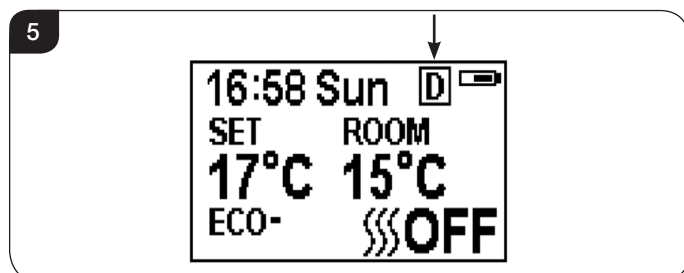
- 2b.7 Press the '+' or '-' button to adjust the number.
- Time: 24-hour system.
Select Comfort temperature from 15-25°C.
Temperature unit: °C/°F.
- 2b.8 Press the  button for 3 seconds or wait 10 seconds to save and exit the week, time and heating temperature setting.


Daily Timer Heating

- 2b.9 The following heating periods have been preset, these can be altered if desired:

06:00 until 08:00
17:00 until 22:00

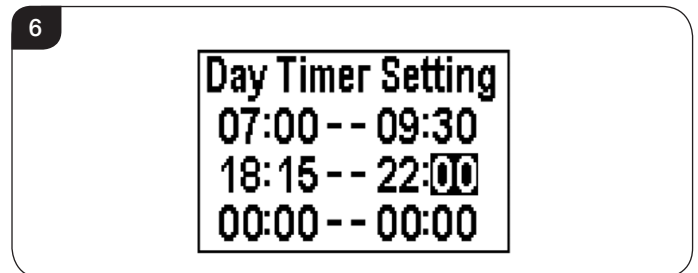
- 2b.10 Press **M** until **D** shows at the upper right corner of the screen to enter the daily timer heating mode.





- 2b.11 Hold the  button for 6 seconds to enter the daily heating setting.
A maximum of 3 timed heating periods can be set per day.

- 2b.12 Press '←' or '→' to choose hour or minute.

- 2b.13 Press '+' or '-' to set the number.
The minute increment / decrement by 15min per press.



- 2b.14 Hold the  button for 3 seconds or wait for 10 seconds to save and exit the heating time period setting.
- 2b.15 Check the timer setting. Press  to check the daily timer mode.
- 2b.16 If the heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to it turn off.

When in Daily Timer Mode switching the appliance off with the remote will stop the light output. The heat output will continue according to the timer settings.

Adjusting the Set Temperature

- 2b.17 Press the '+' or '-' button to increase or decrease the temperature on the basis of COMF temperature.

COMF means the actual temperature is the same as setting.

ECO means the actual temperature is 2°C lower than the setting temperature.

ECO- means 4°C lower, COMF+ means 2°C higher.

COMF++ means 4°C higher.

Adaptive start control

According to room temperature and set-pointed temperature, the heater will automatically determine the appropriate time to heat to ensure that it will reach the set-pointed temperature in the set time (up to 45 minutes prior to the set time).

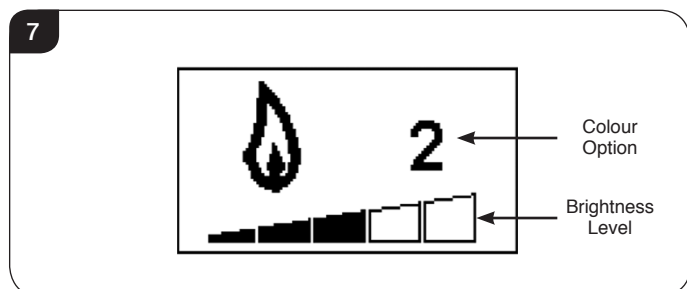
User Instructions

Flame Colour Adjustment

2b.18 Press  button to enter the flame adjustment screen.

There are 3 flame colour options, indicated by the number shown in Diagram 7.

There are 6 levels of brightness, including off. This is indicated by the bar, with the blank bar indicating off, see Diagram 7.



2b.19 Press the '←' or '→' button to cycle through the flame colour options.

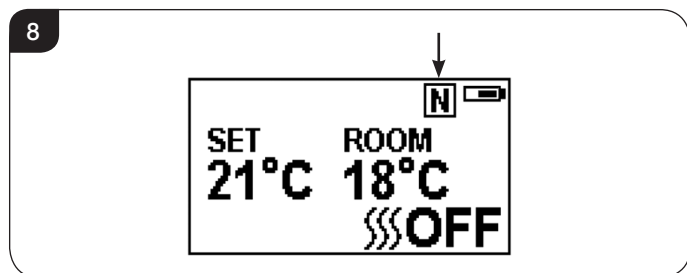
2b.20 Press the '+' button to increase the flame brightness.

Press the '-' button to decrease the flame brightness until off.




Normal Control Mode

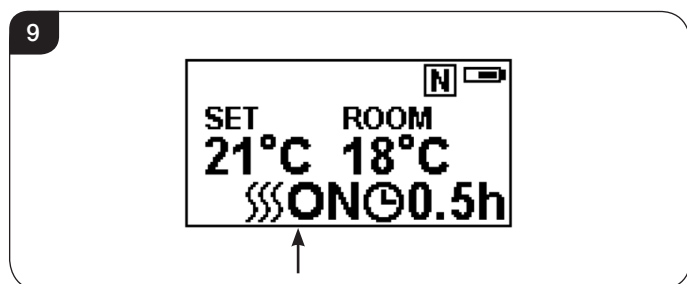
2b.21 Normal Control Mode is the default setting.

Alternatively press **M** button until the **N** logo is shown at the upper right corner of the screen, see Diagram 8.



2b.22 Press the '+' or '-' button to adjust the setting temperature from 17 °C to 25°C.

2b.23 Press  **A** button to turn the heat on/off,  ON or  OFF will show at the lower right corner of the screen, see Diagram 9.




Note: It is normal for the fan heater to stop running for periods of time. This happens if the room temperature is higher than the temperature set on the control.

The heater indicator will be turned off after 10s if the flame is switched ON. The heater indicator will stay ON if only the heating function is used.

When in Normal Control Mode switching the appliance off with the remote will stop both the light and heat output.

Count Down Timer




This setting is only in normal heating control mode. It allows the appliance to be returned to Standby after a set period of time. The heater must be switched on to use this function.

2b.24 Press  to cycle through the setting from Off and 0.5 hours to 9 hours. Timer logo and remaining time will show on the screen.

The heater of appliance can be automatically run by using daily timer and weekly timer on the remote.

Battery

The battery power level is indicated at the top right of the remote control screen, see Diagram 3.

	Battery Full	No action required
	Battery Half Power	Ensure new batteries are available.
	Battery Empty	Replace batteries immediately

Battery replacement is recommended after 1 year. The Remote requires two 1.5V alkaline AAA batteries.

Changing the batteries will not affect the Timer Mode settings, however, the clock may need adjusting.

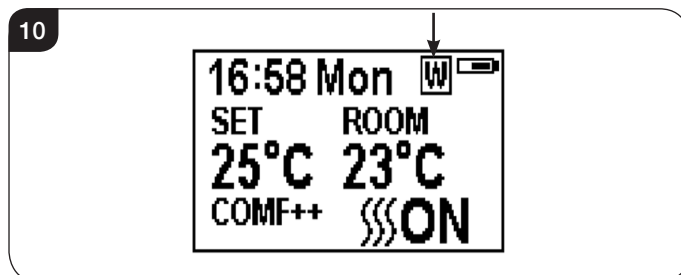
Week Timer Heating


2b.25 The following heating periods have been preset, these can be altered if desired:

From Monday to Friday
06:00 until 08:30
17:00 until 22:00

From Saturday to Sunday
06:30 until 09:30
11:00 until 13:00
17:00 until 22:00


2b.26 Press **M** until **W** shows at the upper right corner of the screen to enter the week heating mode.

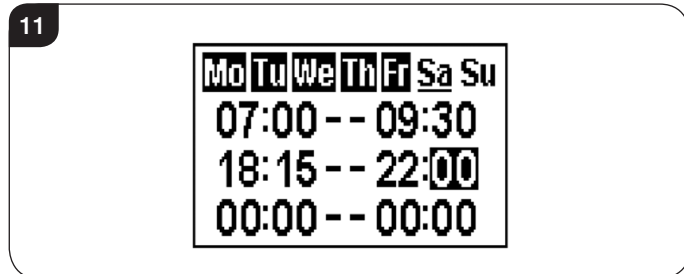


2b.27 Hold the  button for 6 seconds to enter the week timer heating mode setting.

User Instructions

2b.28 Press '←' or '→' to move the cursor (a flashing underline).

2b.29 Press the  button in the corresponding week position to select (the character is highlighted) or cancel (the character is displayed normally) the current setting, the same time period can be selected together.




2b.30 Press the '→' button to move the cursor to the time period setting area.


2b.31 Press '←' or '→' button to choose hour or minute.


2b.32 Press '+' or '-' to set the number.

A maximum of 3 timed heating periods can be set per day.

Minute increment / decrement by 15min per press.

2b.33 Press  to set the heating time for the selected day and return to the week line.

2b.34 Hold the  button for 3 seconds or wait for 10 seconds to save and exit the heating time period setting.

2b.35 Press  '←' or '→' to check the timer setting for the week timer heating mode.

2b.36 If the heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to it turn off.

When in Weekly Timer Mode switching the appliance off with the remote will stop the light output. The heat output will continue according to the timer settings.

Adjusting the Set Temperature

2b.37 Press the '+' or '-' button to increase or decrease the temperature on the basis of COMF temperature.

COMF means the actual temperature is the same as setting.

ECO means the actual temperature is 2°C lower than the setting temperature.

ECO- means 4°C lower.

COMF+ means 2°C higher.

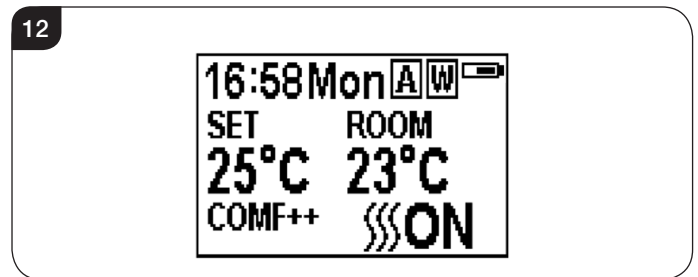
COMF++ means 4°C higher.

Adaptive start control

According to room temperature and set-pointed temperature, the heater will automatically determine the appropriate time to heat to ensure that it will reach the set-pointed temperature in the set time (up to 45 minutes prior to the set time).

Advance mode



2b.38 The heating state can be advanced to the next period is under both the daily and week timer heating mode.




If the heater is on in the current period, pressing the button will turn the heater off.

If the heater is off in the current period, pressing the button will turn the heater on.

Whether the actual heating will be on/off also depends on the room temperature and setting temperature.

2b.39 Press  A to enter the Advance mode under the daily and week timer heating mode,  will show at the upper right corner of the screen.

2b.40 Press  A again or timer period ends will exit the Advance mode.

Window open detecting

2b.41 When the transmitter detects a rapid drop in room temperature, it will be judged as an open window: the warning icon will be displayed and the heating will be turned off automatically.



2b.42 After indoor temperature rise or manual intervention (by operating remote control), it will return to normal working state.

User Instructions

Log Effect

- 2.7 The Log effect is a glass fibre fuel bed which may give off a slight smell when first used. This is normal and should disappear after a day or two.

3. Fitting Fronts

- 3.1 The electric Riva2 670 is designed to accept several different decorative fronts. For individual fixing methods refer to the front installation instructions.
- 3.2 When installing the Riva2 670 with a Wall Mounting Kit the addition of side mounting brackets are required before fitting the Evoke, Verve or Verve XS fronts. See Installation Section 2.31.

4. Maintenance

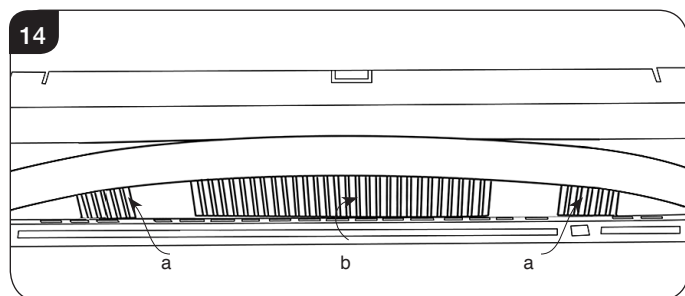
- 4.1 **ALWAYS UNPLUG FROM MAINS SUPPLY BEFORE CLEANING OR UNDERTAKING ANY MAINTENANCE.**

GENERAL CLEANING

- 4.2 Only clean the outer casing when it is cold. Do not use abrasive cleaners.

CLEANING AIR INLETS

- 4.3 Ensure the appliance is unplugged.
- 4.4 Clean the air inlet (a) and outlet (b) grilles regularly with a soft cloth or the nozzle of a vacuum cleaner, see Diagram 14.



Dust build-up can inhibit efficient performance of the fan and lead to the safety cut-out operating.

- 4.5 Keep the area around the appliance clean and free of fluff, dust or pet hair.
- 4.6 In particular, build-up of dust etc. can occur around and under the heater area. Take particular care to keep this area free from such particles on a regular basis to prevent build-up.

BATTERY REPLACEMENT

- 4.7 When the remote battery is low it must be changed immediately. Install correct replacement and dispose of the old battery carefully at an appropriate recycling facility.

Installation Instructions

Technical Specification

These instructions cover the following models:

Electric Riva2 670

234-872

A 230V 13Amp 50Hz supply is required.
Maximum power consumption:
2064 Watts

THIS APPLIANCE MUST BE EARTHED

A 1.8 metre lead with plug containing a BS1362 13 Amp fuse is supplied. Only use a BS1362 13 Amp fuse with this appliance.

Remote control handset batteries (2 x AAA).

This appliance is compatible with the following fronts:

Verve
Verve XS
Designio2 Glass
Designio2 Steel
Evoke Glass
Evoke Steel

This appliance has been certified for use in countries other than those stated. To install this appliance in these countries, it is essential to obtain the translated instructions and in some cases the appliance will require modification. Contact Gazco for further information.

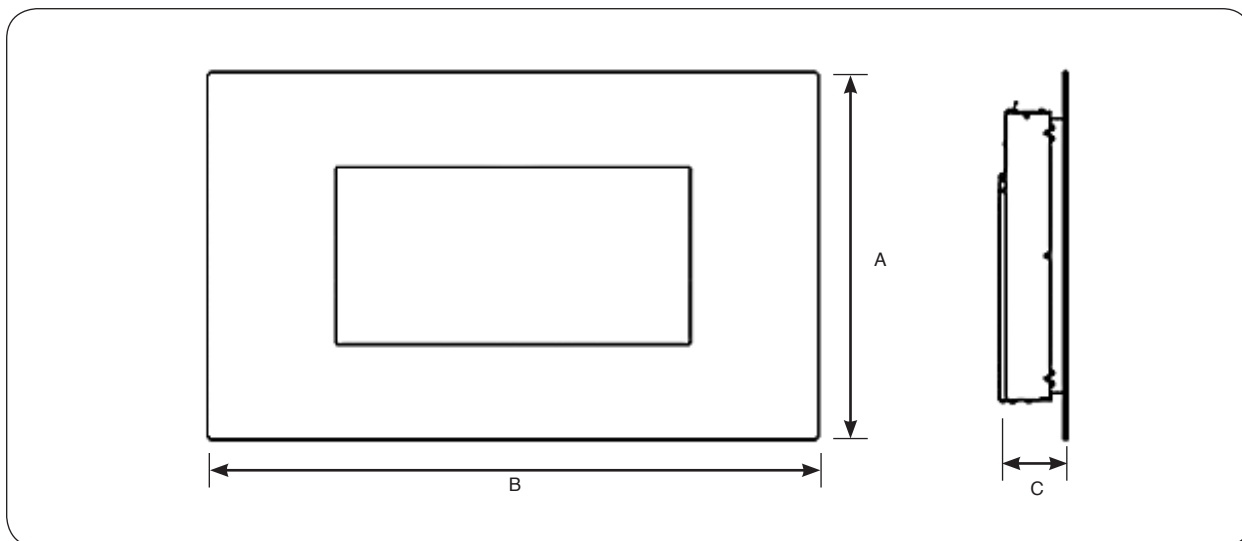
PACKING CHECKLIST

Appliance Description	Fixing Kit containing:
Riva2 670 Electric	1 x Instruction Manual 4 x Screws 4 x Rawl plugs 1 x Handset 2 x Retention screws 2 x AAA Batteries

Control System Technical Data - All Models			
	Main Control Board	Remote Receiver Board	Remote Control
Hardware	RC01-040A04 V2	RF290B V1.2	RF290A-TX V1.3
Software	RC01-040A04 V2	-	RF290C V06.0.HEX
Frequency	-	-	ASK/OOK 433.92MHz
Maximum Transmit Power	-	-	10mW

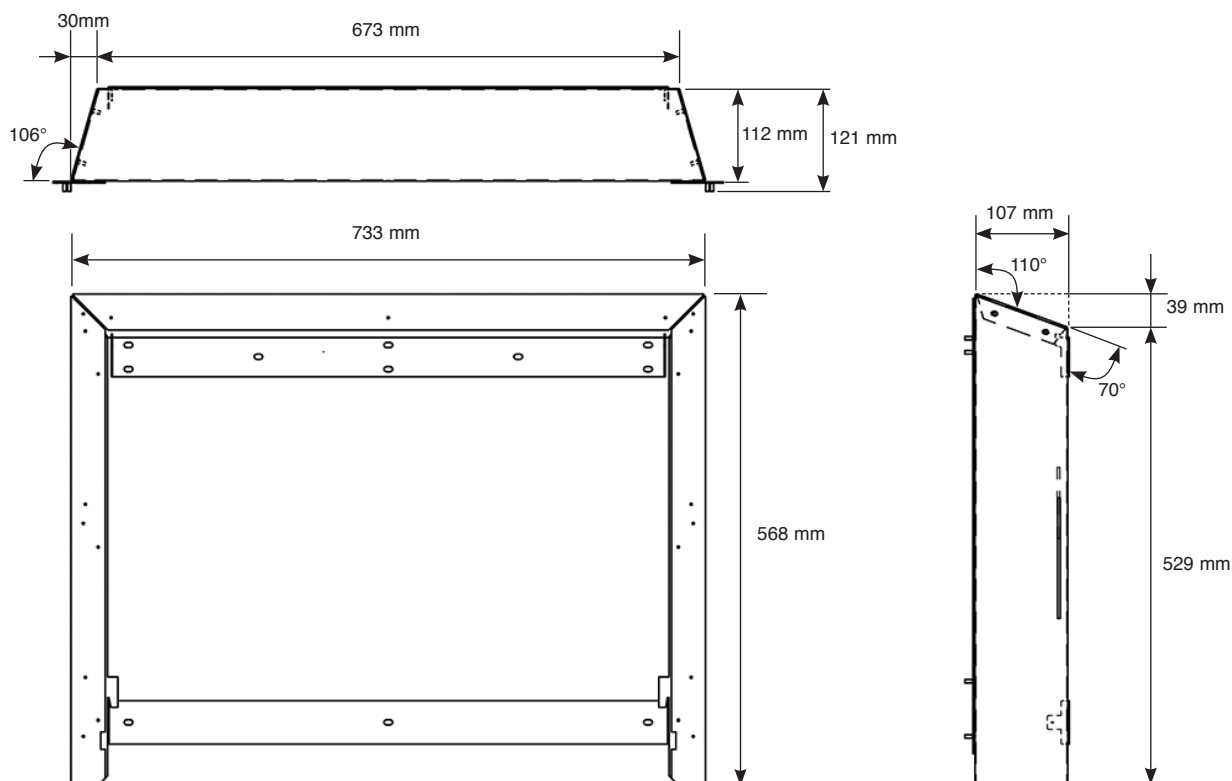
Installation Instructions

Front Dimensions



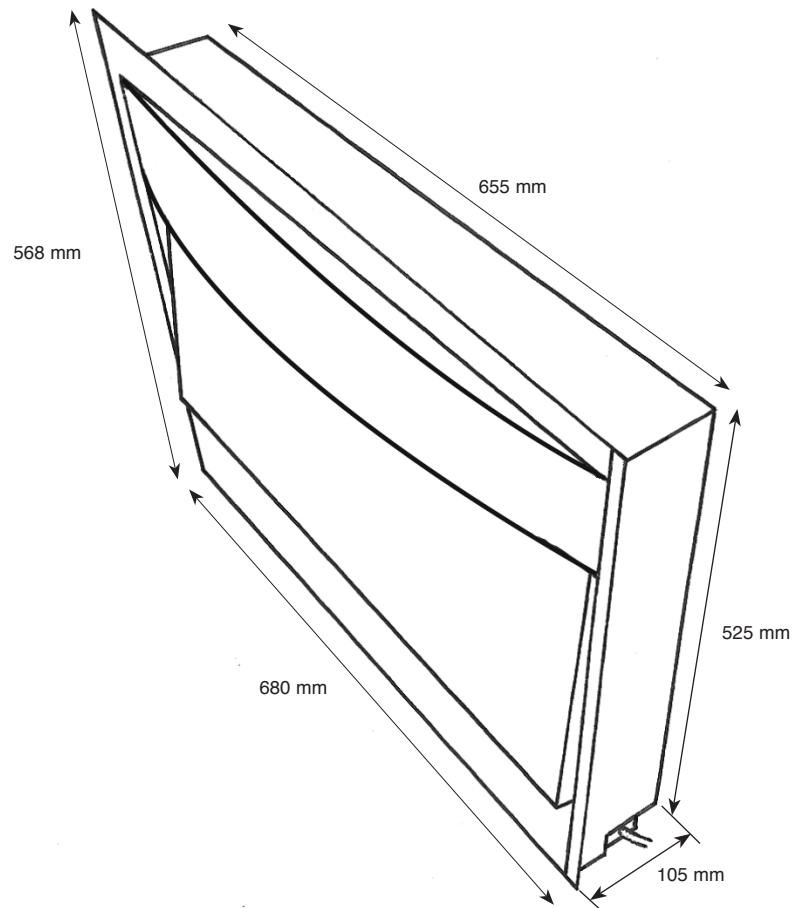
Front	Verve	Verve XS	Designio2 Glass	Designio2 Steel	Evoke Glass	Evoke Steel
A	621	621	569	569	622	622
B	1325	1000	735	735	920	920
C	167	166	150	150	150	150

Wall Hanging Kit Dimensions



Installation Instructions

Appliance Dimensions



Installation Instructions

1. General

1.1 TOOLS REQUIRED

A Screw Driver, Spirit Level and Drill will be needed.

1.2 UNPACKING THE FIREPLACE

WARNING! DO NOT use this appliance if any part has been exposed to water.

Immediately call a qualified service technician to inspect and to replace any part of the electrical system if necessary.

- 1.3 Open the packaging carefully and remove the polystyrene. Remove and discard the plastic bag. Keep plastic wrapping away from children. Be responsible when handling the packing materials.

- 1.4 Check all parts and accessories are removed before disposing of any packaging. If necessary keep the original packaging for future transport and/or storage.

2. Fitting the Appliance

2.1 Locating the Riva2 670 Electric

The Riva2 670 Electric may be installed virtually anywhere in your home. However, when choosing a location ensure that the general instructions are followed.

The heater should ideally be fitted into/onto an internal flat wall constructed from either studwork and plasterboard block/brick. The fixings provided are for use on brick walls ONLY. Please ensure that suitable fixings are used when securing to any hollow or purpose built cavity.

NOTE: This appliance is not suitable for fitting to a Cavity Wall, backing on to an outside wall, an open chimney or any opening that may be subject to damp and draft, unless adequate precautions are taken to avoid the appliance coming into contact with moisture or excessive drafts. In such installations, any existing chimney and/or purpose provided air vents should be fully sealed.

- 2.2 For best results, install out of direct sunlight.
- 2.3 If the power cord is damaged contact your Gazco retailer for a replacement. Only use genuine Gazco parts on this appliance.
- 2.4 The appliance should be located close to a suitable mains socket to enable connection. The electrical socket must be easily accessible to allow disconnection when the appliance is fitted.

WARNING! KEEP ANY COMBUSTIBLE MATERIALS AT LEAST 1M FROM THE FRONT AND SIDES OF THE APPLIANCE.

- 2.5 This Riva2 670 can be installed using the following methods:

1. Recessed Installation - the appliance is located in a purpose built recess. See Diagram 1 for the opening dimensions.

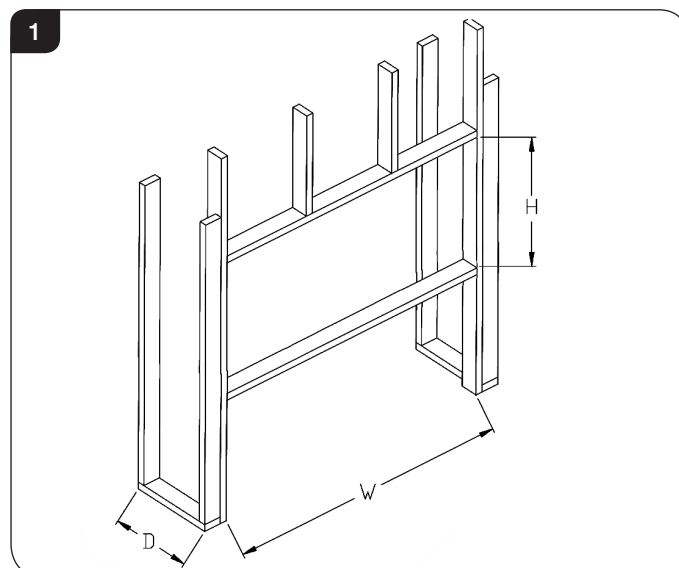
2. Wall Mounted - the appliance is hung on the wall using the optional Wall Mounting Kit (Part No. 8688SL).

If installing onto a hearth or non-combustible floor ensure a front which allows hearth mounting is used (Designio2). All other fronts require the appliance to be raised above floor height.

2a. Recessed Installation

- 2.6 Build the studwork chimney breast and enclosures to the desired size, see Diagram 1 and table.

It is essential to include a header at the required height to ensure the appliance does not support the weight of the finished wall.



Model	W	D	H
Riva2 670	665mm	105mm	535mm

- 2.7 Decide on the height of the appliance ensuring the appliance is raised to a distance appropriate for the chosen front. For measurements refer to the front dimensions on page 10.
- 2.8 Prepare the recess opening according to the dimensions stated in Diagram 1.
- 2.9 Offer the appliance into the recess and mark the position of the four fixing holes on the wall.
- 2.10 Drill the 4 holes and insert the rawlplugs provided. Note: The rawlplugs supplied are suitable for solid wall applications. If it is intended to mount the appliance onto plasterboard or hollow walls suitable fixings must be used.
- 2.11 Secure the appliance to the wall with the screws provided.
- 2.12 Fit the chosen front according to the instructions supplied.

Installation Instructions

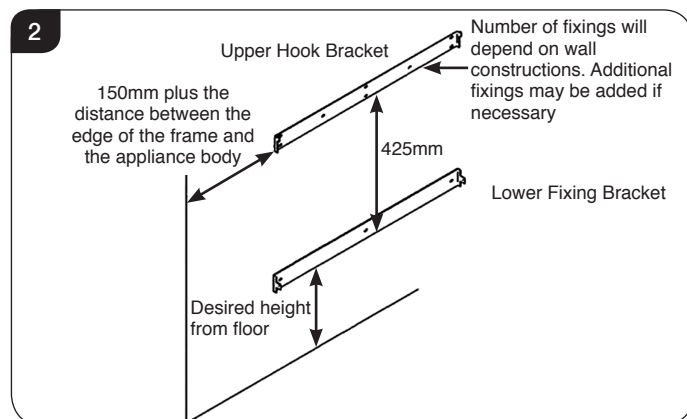
2b. Wall Mounted Installation



IMPORTANT Before fitting consider whether different wall fixing plugs need to be purchased to support the weight of the chosen frame on the intended type of wall. Additional fixing holes may be required in the wall bars to strengthen the structure for heavier frames or studwork walls.

Wall Bars

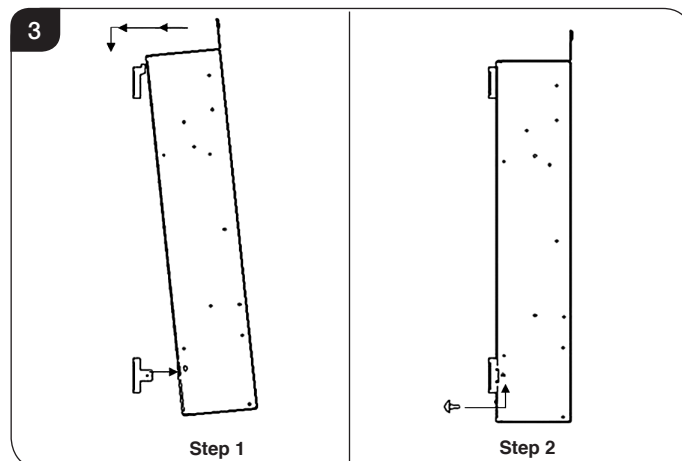
- 2.13 The Top bar has a hook.
Lower bar has flange and screw hole, see Diagram 3.
- 2.14 Make sure there are no pipes or cables behind the area you drill.
- 2.15 Decide on the height of the appliance ensuring the appliance is raised to a distance appropriate for the chosen front.
For measurements refer to the front dimensions on page 6.
- 2.16 Position the Lower Fixing Bracket and mark the positions for the retaining screws. Remove the bracket and drill the holes.
- 2.17 Place the fixing plugs into the holes and secure the lower bracket using the screws provided.
- 2.18 Place the Upper Hook Bracket on the wall and mark the position ensuring that the distance between the bottom of each bracket is 425mm, see Diagram 2.



- 2.19 Use a spirit level to check the bars are straight. Mark the positions for the retaining screws. Remove the bracket and drill the holes.
- 2.20 Place the fixing plugs into the holes and secure the upper bracket using the screws provided.

Fire Box

- 2.21 Lower the 'fire box' onto the top wall bar hook so that the rear slot on the top of the fire locks over the hook.
- 2.22 Rotate the 'fire box' flat to the wall so that the flange in the lower bar fits with the bottom fire box slot, see Diagram 3.



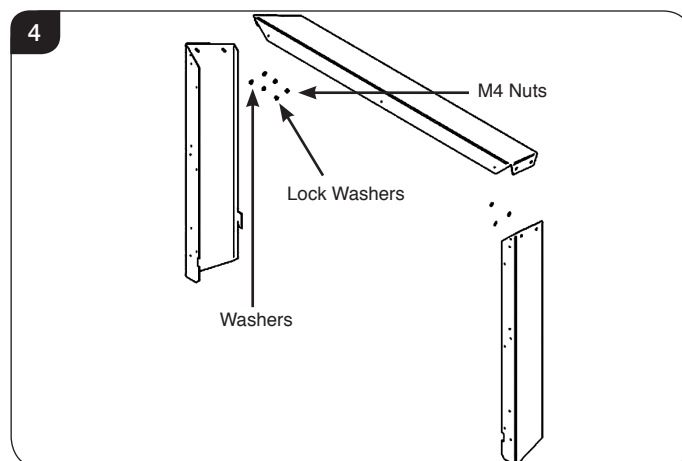
- 2.23 Use two No. 6 x 12 screws from the kit to fix the fire through both sides into the holes in the lower bar.



IMPORTANT: IT IS VITAL THAT THE APPLIANCE POWER SUPPLY IS CONNECTED TO THE PRODUCT AT THIS STAGE.

Wall Box

- 2.24 Join the three pieces of wall box together, See Diagram 4.



- 2.25 Insert threaded studs in the sides through the holes in the end flanges of the top.
- 2.26 Assemble the wall box using the washers, nut lock washers and M4 nuts supplied.

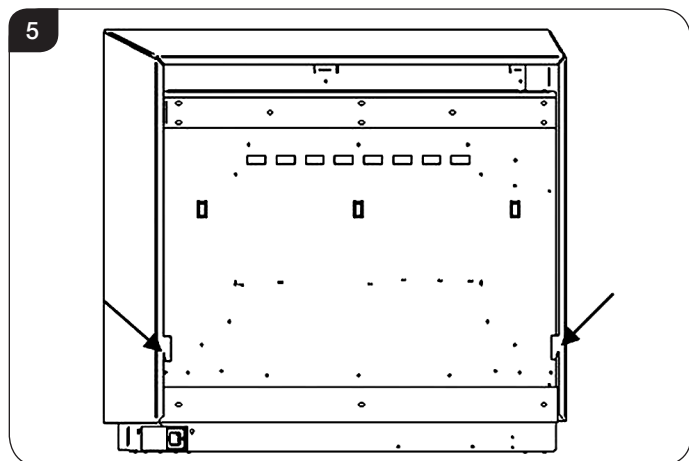
Before tightening, make sure the front face of the box structure is level.
- 2.27 Press face down onto a soft flat surface to protect from scratching or damage.

Installation Instructions

2.28 Now tighten the nuts.

2.29 With the appliance power supply in place:

- Slightly widen the legs of the wall box and lower it over the 'fire box' so its hooks clear the top wall bar, see Diagram 5.

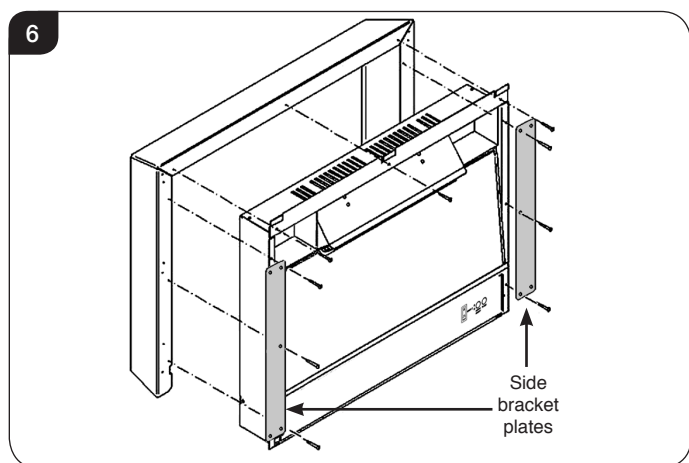


- Let the legs spring back once over the top bar to engaged with the lower bar.

2.30a Installing With Verve, Verve XS and Evoke Frames:

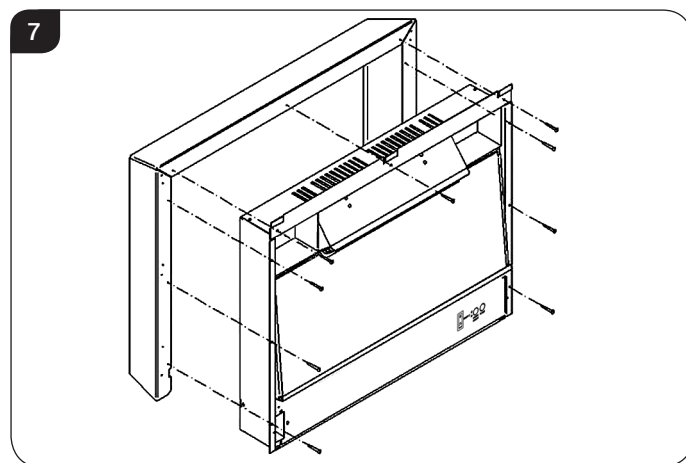
Fix the wall box to the appliance frame and the side brackets supplied with the frame using the 9 screws supplied, see Diagram 6.

Note: Lip of the appliance should sit in front of the wall box and the Side Bracket plates are fitted in front of the appliance. The Mounting Brackets for the frames can then be attached to the Side Bracket Plates.



2.30b All Other Frame Types

Fix the wall box to the appliance frame using the 9 screws supplied, see Diagram 7.



2.31 Complete the installation of the Electric Riva and the decorative frame by following the relevant instructions provided.

The appliance power cable can be hidden from view by either sinking it into the plaster of the wall behind a suitable conduit, or by running it through a surface mounted channel.

3. Care & Maintenance

Do not use abrasive cleaners on the wall box as this may damage the finish.

- 3.1 Use a lint-free damp cloth to wipe clean.
- 3.2 For the frame and appliance follow the instructions included with them.

Servicing Instructions

1. Fault Finding

No illumination or uneven lighting:

- 1.1 First change the BS1362 13A fuse for one known to work. If the appliance still does not work, check the socket by plugging in a working appliance. If this too fails to operate, call in a competent electrician to check the socket.
- 1.2 One or more of the LED boards will need replacing. This must be undertaken by a suitably qualified person (see *Servicing Requirements*).

Illumination but no heat:

- 1.3 The safety cutout has operated to protect against overheating (see *User Instructions, Section 2*). Ensure the air inlet and outlet grilles are free of dust or any other obstruction.
- 1.4 The thermostat control dial may be set too low. Turn the dial clockwise until the heater turns on.

Remote control fails to work:

- 1.5 Check that the batteries are new and correctly fitted. Replace if necessary.

2. How to wire a plug

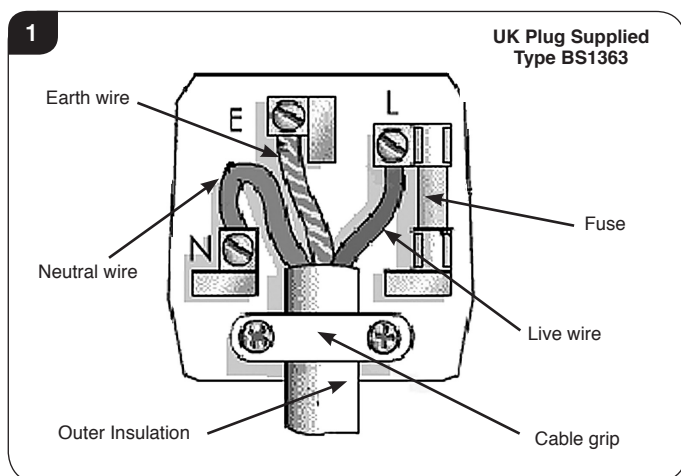
To change the plug supplied with this appliance, follow the instructions below. The instructions assume that the wire has been cut.




WARNING – FAILURE TO CONNECT THE WIRES CORRECTLY COULD PUT PEOPLE AT RISK FROM ELECTRIC SHOCK OR FIRE. IF IN DOUBT CONSULT A QUALIFIED ELECTRICIAN.

UK Plug

Suitable for use in Cyprus, Malta, Ireland & Great Britain.

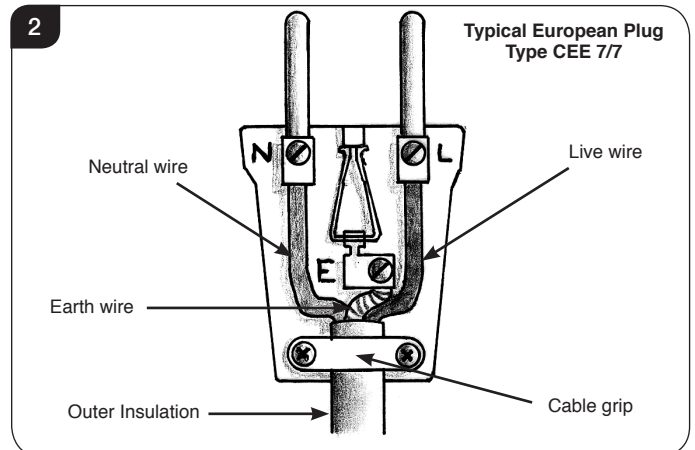


Live Wire	Brown	Terminal L / RED
Neutral Wire	Blue	Terminal N / BLACK
Earth Wire	Green & Yellow Stripes	Terminal E /  / GREEN or GREEN & YELLOW

THIS APPLIANCE MUST BE EARTHED

European Plug

Suitable for use in Austria, Belgium, Bulgaria, Czech Republic, Denmark, Estonia, Finland, France, Greece, Hungary, Germany, Italy, Latvia, Lithuania, Luxembourg, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain & Sweden.



- 2.1 Dispose of the old plug safely. Ensure the new plug has the relevant approval marking and is not cracked or chipped.
- 2.2 Expose 4cm of the coloured wires and trim to the correct lengths so that they comfortably reach the correct terminals.
- 2.3 Ensure that the Earth wire has more slack than any of the other wires.
- 2.4 Remove some of the insulation to leave about 6mm (screw terminals) to 12mm (winding around screw) of exposed metal core on each wire, taking care not to damage or remove the metal strands.
- 2.5 Twist the strands of the wire together.
- 2.6 Loosen the screw heads above each terminal.
- 2.7 Push the metal wire into the hole beneath each screw head or, dependent on plug design, wind the metal wire around the screw.
- 2.8 Ensure that the insulation reaches right up to each terminal as illustrated and there are no loose strands of wire.
- 2.9 Ensure the cable sits correctly under the cable grip and tighten to secure, taking care that the connecting wires inside the plug are not strained.
- 2.10 Refer to *Technical Specification* for fuse rating and fit the appropriate fuse into the plug (UK Only).
- 2.11 Attach the plug cover.

Servicing Instructions

3. Servicing Requirements

THIS APPLIANCE MUST ONLY BE SERVICED BY A SUITABLY QUALIFIED PERSON.

BEFORE UNDERTAKING ANY WORK ON THE APPLIANCE: SWITCH OFF THE APPLIANCE AND ISOLATE IT FROM THE MAINS BY UNPLUGGING THE UNIT.

- 3.1 Wait for at least 10 minutes until the appliance has cooled down.

3.2 Remote Handset Battery Replacement

Replace the batteries (2 x AAA). Make sure the batteries are installed correctly in the remote control.

3.3 Maintenance of Motors

The motors used on the fan and flame effect are pre-lubricated for extended bearing life and require no further lubrication. However, periodic cleaning/vacuuming of the fan/heater unit is recommended.

3.4 Resetting the Thermal Cutout Switch

The appliance is fitted with an Electronic Safety Control (E.S.). This is a safety device which switches off the fire if, the appliance overheats for any reason e.g. when covered.

If the heater stops operating whilst the flame effect continues normally, this indicates that the E.S. Control is in operation.

The E.S. Control can only be re-set after the appliance has cooled down.

To re-set the E.S.:

Switch off the appliance (Manual On/Off switch) and leave for approximately 120 minutes.

Remove any obstruction to the fan heater outlet or other internal parts.

Switch on appliance and the E.S. Control will re-set. Ensure that the appliance is functioning correctly. If the E.S. Control operates again, the appliance should be checked by a competent Electrician.

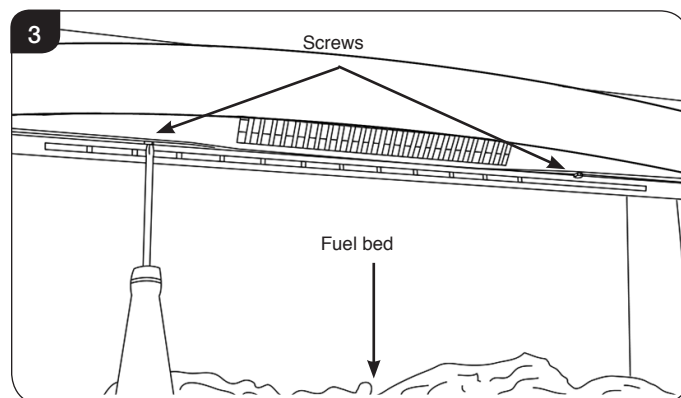
4. Removing the Screen

- 4.1 Isolate the power supply and ensure there is no power to the appliance.

- 4.2 Remove the 2 screws and lift the bracket away from the screen, see Diagram 3.

Note: When replacing the bracket there is a flange that hooks over the top of the glass to hold the screen in place.

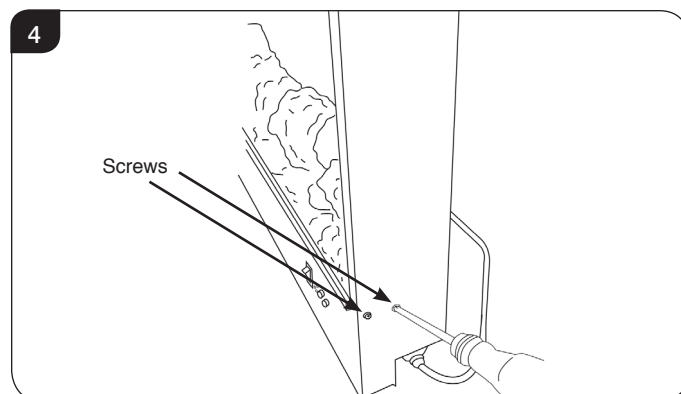
- 4.3 Pull the glass forward and lift out of the channel.



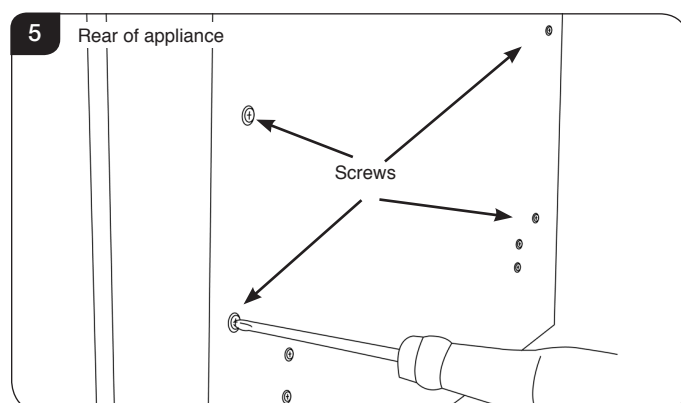
5. Removing the Fuel Bed

- 5.1 Remove the screen, see Section 4.

- 5.2 Remove the 2 screws on either side of the appliance, see Diagram 4.



- 5.3 Remove the 4 screws on the back (2 on either side of the back), see Diagram 5.



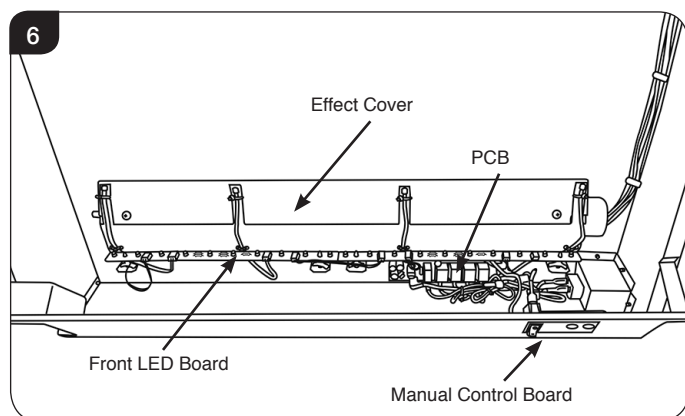
Servicing Instructions

- 5.4 Remove the 2 side covers by carefully sliding forward.
- 5.5 Lift the fuel bed carefully out through the front of the appliance.

Ensure the rubber sleeve from the bottom of the screen does not fall into the firebox.

6. Removing the Front Panel

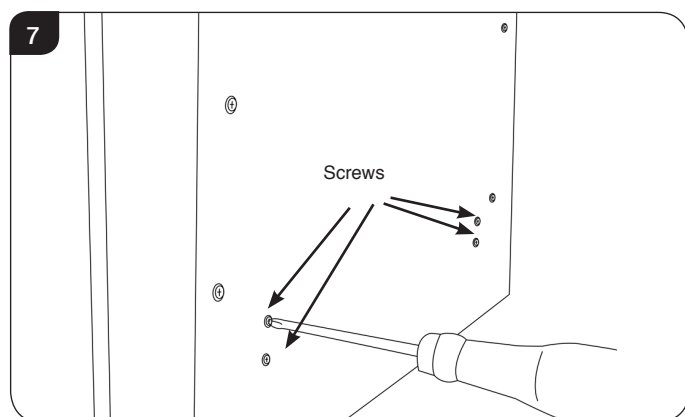
- 6.1 Isolate the power supply and ensure there is no power to the appliance.
- 6.2 Lay the appliance on its back on a flat surface.
- 6.3 Remove the bottom front panel by removing the 2 screws from the right side, 2 from the left side and 3 from the bottom of the appliance.



- 6.4 It is now possible to access all components.

7. Replacing the Effect Engine

- 7.1 Refer to Sections 4 and 5 to remove the screen and fuel bed.
- 7.2 It is advisable to remove the bottom front panel to access the effect engine, see Section 6.
- 7.3 Remove the 4 screws on the back of the appliance, see Diagram 7.



- 7.4 Unplug the LED boards and wires. Cut the cable ties.
- 7.5 Replace in reverse order ensuring the wires are put back in exactly the same configuration.

8. Replacing the LED Boards

- 8.1 Refer to Section 4 to remove the screen.
- 8.2 It is advisable to remove the bottom front panel to access the effect engine, see Section 6.

Front LED board

- 8.3 Unplug the wire connected to the LED board.
- 8.4 Using a pair of long nosed pliers remove the board from the plastic pegs securing it to the appliance.
- 8.5 Replace in reverse order.

Rear LED board

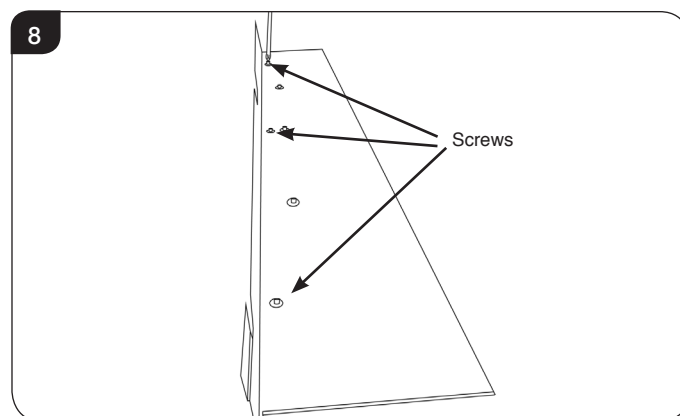
- 8.6 Remove the 2 screws on either side of the LED board.
 - 8.7 Remove the 3 screws securing the rear LED board to the appliance.
 - 8.8 Replace in reverse order.
- Dispose of any old boards at an appropriate recycling centre.

9. Replacing the Heater Assembly

- 9.1 Refer to Section 4 to remove the screen.

Remove the Heater Cover

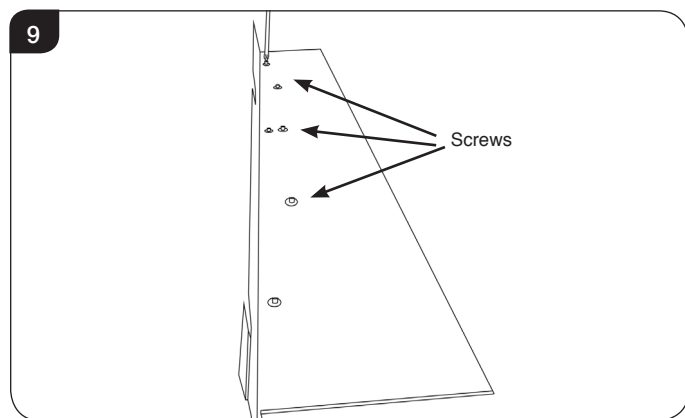
- 9.2 Remove the 4 screws, 2 on either side of the top of the appliance
- 9.3 Remove 3 screws closest to the front on top of the appliance, see Diagram 8.



Servicing Instructions

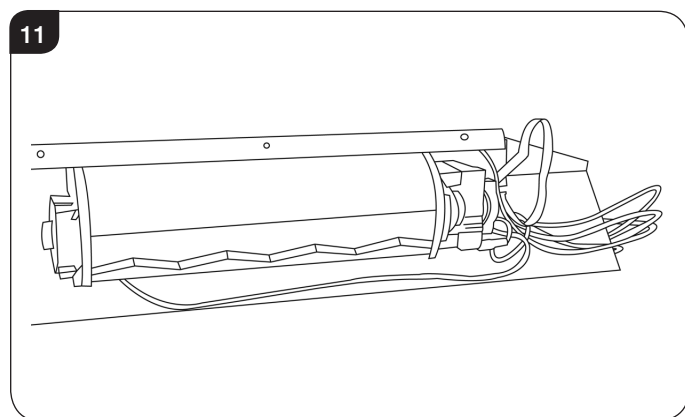
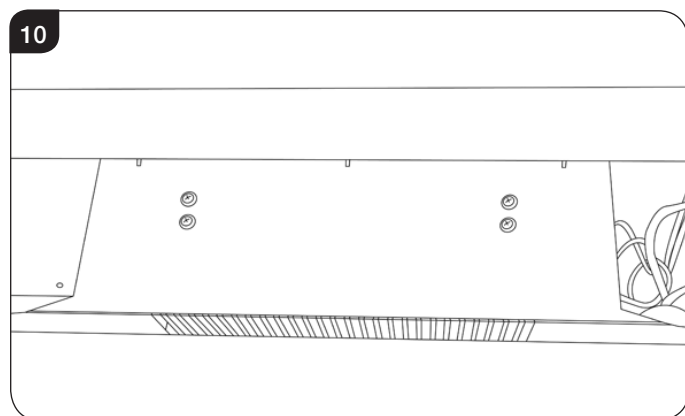
Remove the Heater Assembly

- 9.4 Remove the 3 screws towards the rear of the top of the appliance, see Diagram 9.



- 9.5 Remove the 3 screws at the top of the back of the appliance.
SUPPORT THE HEATER ASSEMBLY WHILST REMOVING THE SCREWS.

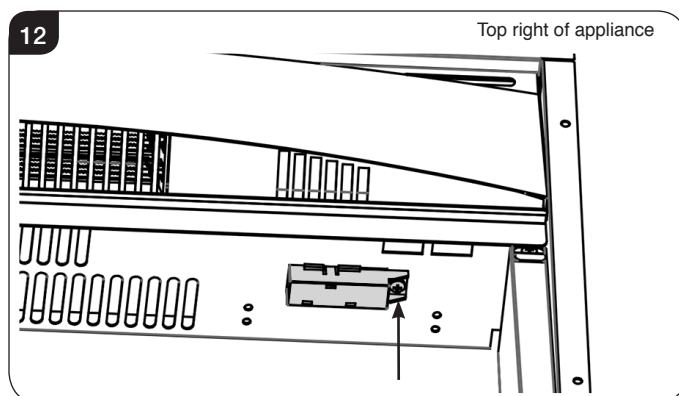
- 9.6 Undo 4 screws to remove the fan heater assembly, see Diagram 10.



- 9.7 Replace in reverse order ensuring the wires are put back in exactly the same configuration.

10. Replacing the RF Receiver

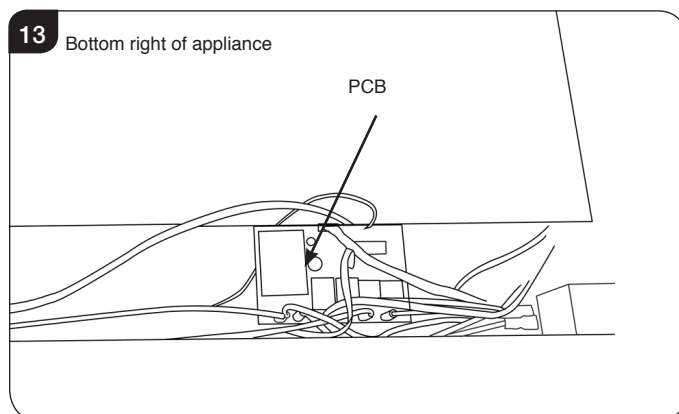
- 10.1 Refer to Section 4 to remove the screen
10.2 Undo the screw securing the RF Receiver, see Diagram 12.



- 10.3 Slide the RF Receiver right and lower out of its location.
10.4 Remove the PCB.
10.5 Disconnect to remove.
10.6 Replace in reverse order.

11. Replacing the PCB Unit

- 11.1 Refer to sections 4 and 5 to remove the screen and fuel bed.
11.2 Lay the appliance on its back on a flat surface.
11.3 Remove the bottom front panel, see Section 6.
11.4 Remove the 2 screws and using a pair of long nosed pliers squeeze the clips that hold the PCB to the appliance in order to release.



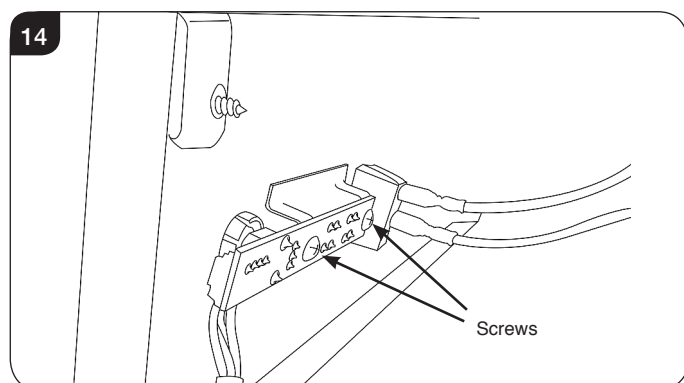
IMPORTANT: Make note of the wiring positions before removing any connections.

- 11.5 Replace in reverse order ensuring the connections are put back in exactly the same configuration as was originally found.

Servicing Instructions

12. Replacing the Manual Control Board

- 12.1 Refer to Sections 4 and 5 to remove the screen and fuel bed.
- 12.2 Lay the appliance on its back on a flat surface.
- 12.3 Remove the bottom front panel, see Section 6.
- 12.4 Undo the 2 screws and unclip the connector to remove the board, see Diagram 14.



- 12.5 Replace in reverse order ensuring the wires and connectors are put back in exactly the same configuration.


13. Pairing the Remote Control to the Appliance

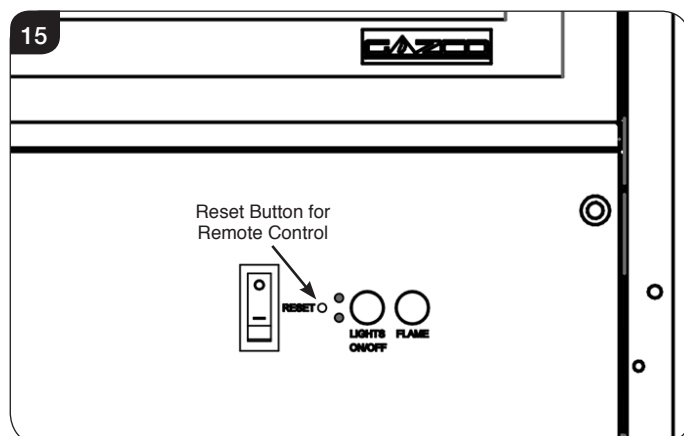
Signal Code

The below operations should be carried out before coding when changing to a new remote or the unit cannot be controlled by the remote:

The reset button is located on the control panel located on the right-hand side of the viewing window, see Diagram 15.

- 13.1 Press the reset button for 3 seconds (a pen point may be needed) until 3 short beeps sound from the unit, release the button.

Within 10 seconds, press the  button on remote. The coding is finished when 1 long beep sounds from the unit.

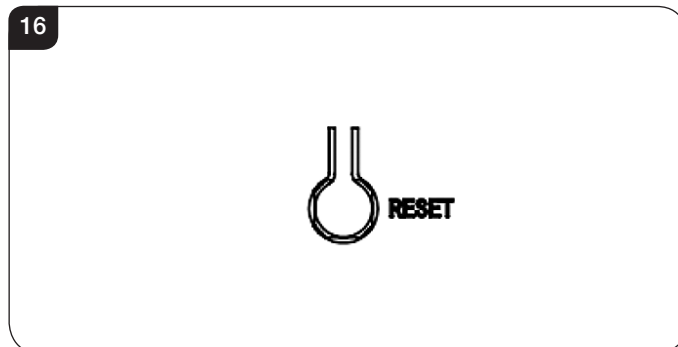


Resetting of the remote control is necessary if the appliance operates wrongly due to external interference signal and the remote control is not in use.

14. Resetting the Remote

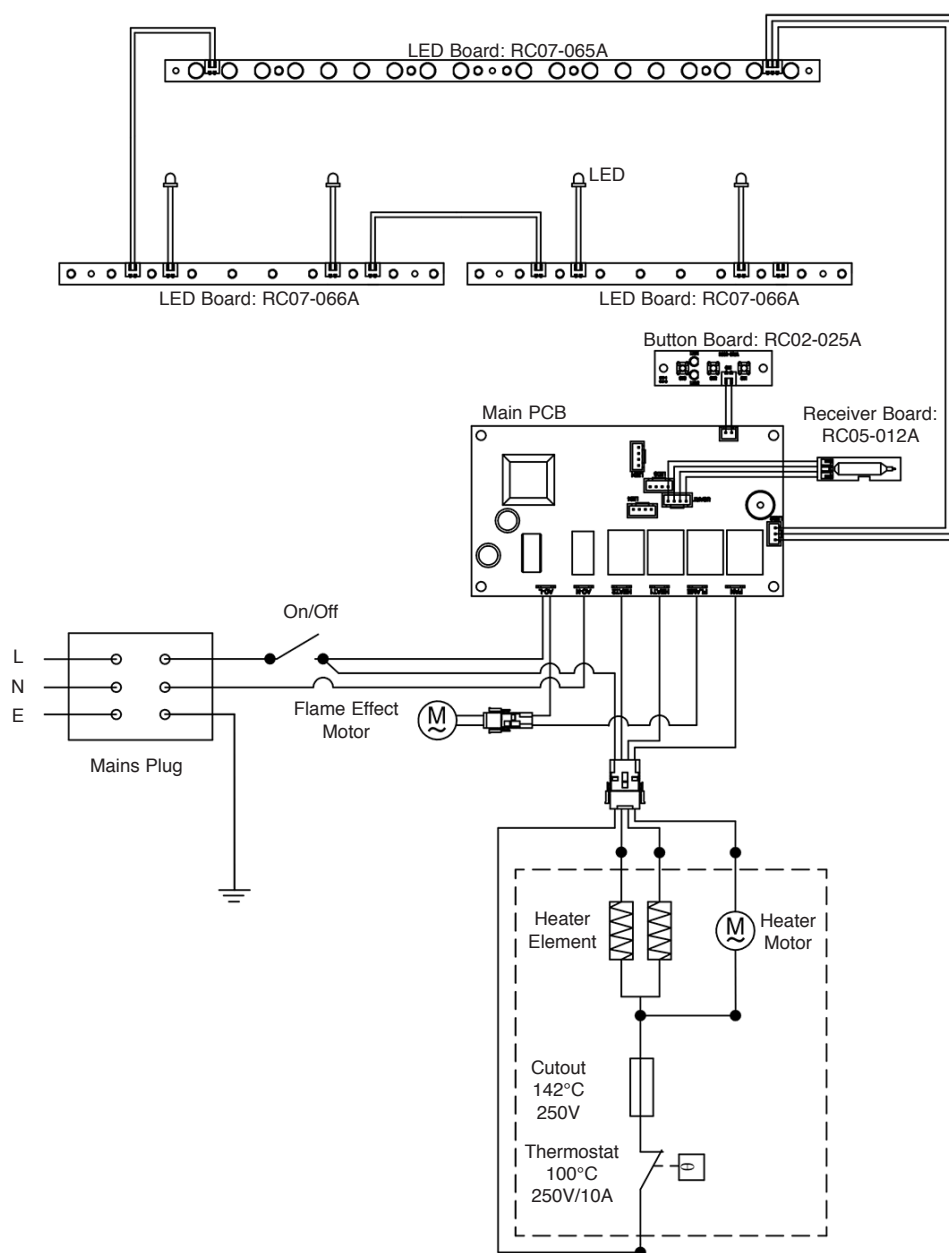
Resetting the Remote may necessary if the appliance operates incorrectly under the signal from the Remote, or if the Remote does not operate correctly.

- 14.1 Open the back cover of the Remote.
- 14.2 Press the Reset button for 3 seconds and reset the coding, see Diagram 16.



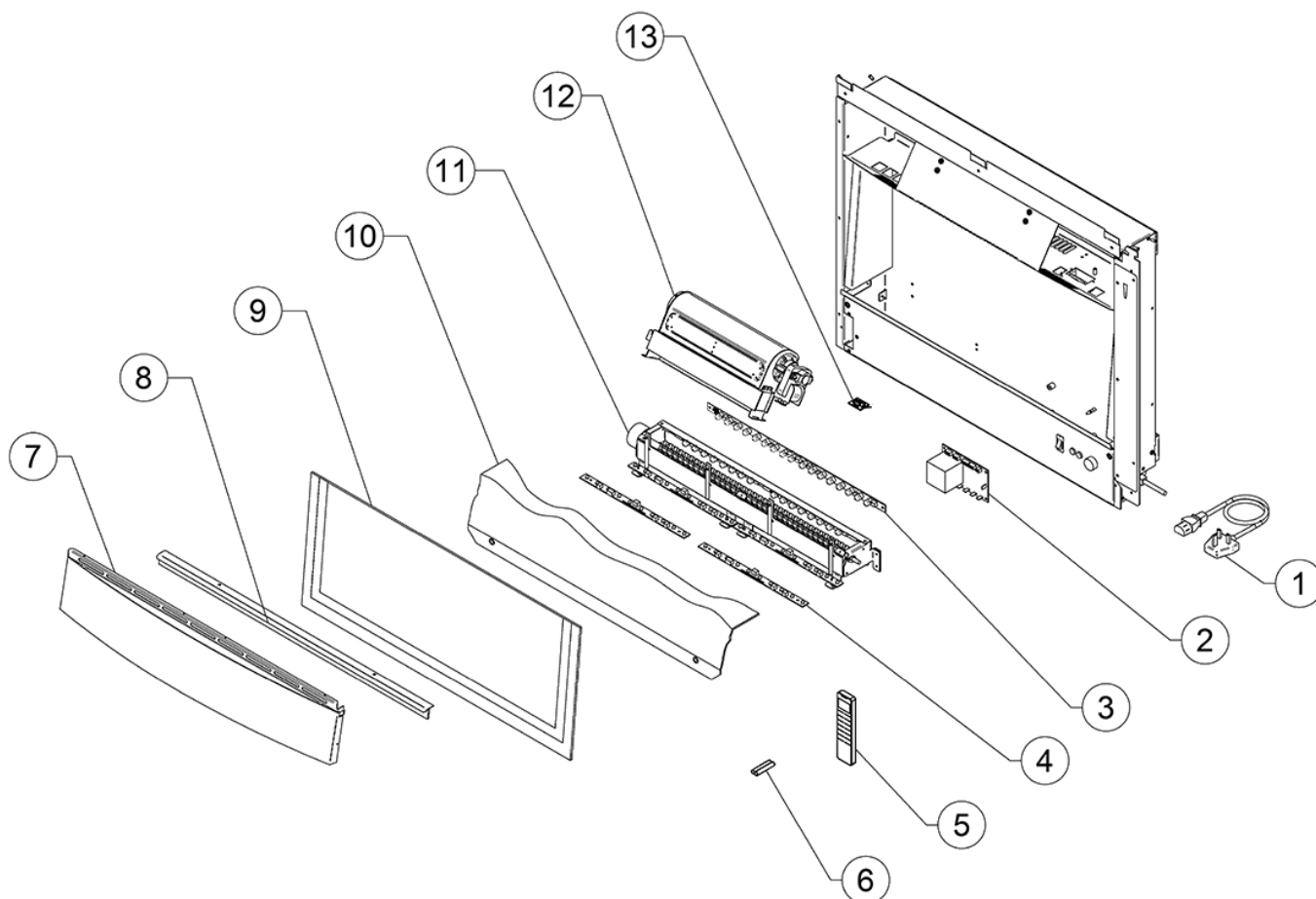
Wiring Diagram

All Models



Spare Parts List

Spares List - Main Assembly



No.	Component	Part Code	Quantity
1	Power Cable - Straight (U.K.)	EL0550	1
2	Main PCB Unit	EL0741	1
3	Rear LED Board	EL0742	1
4	Front LED Board	EL0494	2
5	Remote Handset D	EL0679	1
6	Remote Battery	EL0062	1
7	Heater Cover	GZ10607	1
8	Top Glass Clamp	GZ9942	1
9	Main Front Screen	CE1244	1
10	Log Fuel Effect	CE1138	1
11	Motor & Effect Assembly	GZ9945	1
12	Heater Assembly	EL0558	1
13	RF Receiver Board	EL0735	1



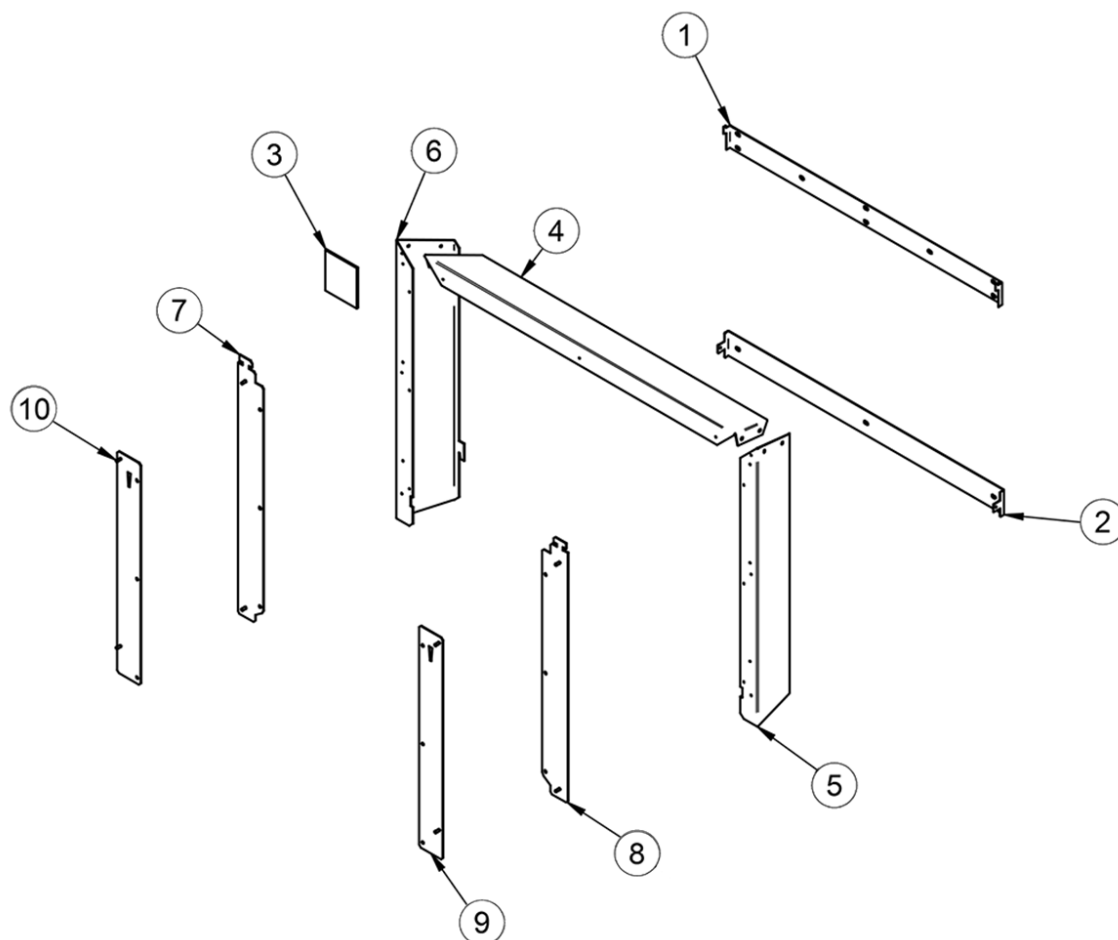
Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at www.gazcospares.com.

Spare Parts List

Spares List - Wall Hanging Kit



No.	Component	Part Code	Quantity
1	Wall Bracket Upper	GZ5489	1
2	Wall Bracket Lower	GZ5490	1
3	Fixing Kit	GZ5808	1
4	Wall Box Top	GZ5803	1
5	Wall Box Side - RH	GZ5807	1
6	Wall Box Side - LH	GZ5806	1
7	LH Panel - Verve Front	GZ10582	1
8	RH Panel - Verve Front	GZ10581	1
9	RH Panel - Evoke Front	GZ10583	1
10	LH Panel - Evoke Front	GZ10584	1



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Information Requirement - Electric Heaters

Information Requirement for Electric Local Space Heaters

Model		Electric Riva2 670
Heat Output	Nominal Heat Output - P_{nom}	2.0kW
	Minimum Heat Output - P_{min}	1.0kW
	Maximum Continuous Heat Output - $P_{max, c}$	2.0kW

Auxiliary Electricity Consumption	At Nominal Heat Output - el_{max}	12.5W
	At Minimum Heat Output - el_{min}	12.0W
	In Standby Mode - el_{sb}	0.49W

Type of heat input, for electric storage local space heaters only

Manual heat charge control, with integrated thermostat	No
Manual heat charge control with room and/or outdoor temperature feedback	No
Electronic heat charge control with room and/or outdoor temperature feedback	No
Fan assisted heat output	No

Type of heat output/room temperature control

Single stage heat output and no room temperature control	No
Two or more manual stages, no room temperature control	No
With mechanic thermostat room temperature control	No
With electronic room temperature control	No
Electronic room temperature control plus day timer	No
Electronic room temperature control plus week timer	Yes

Other control options (multiple selections possible)

Room temperature control, with presence detection	No
Room temperature control, with open window detection	Yes
With distance control option	No
With adaptive start control	Yes
With working time limitation	No
With black bulb sensor	No

Contact:	Gazco Ltd, Osprey Road, Sowton Industrial estate, Exeter, EX2 7JG
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