

ROBINSON WILLEY

THE HOTTEST NAME IN HEATING

# FIRECHARM R.S. Electronic

## Room Sealed Live Fuel Effect Gas Fire

G.C. No. 32 689 43 (BLACK) G.C. No. 32 689 44 (BRONZE)

### Users Operating Instructions

The FIRECHARM R.S. Electronic is a room sealed, live fuel effect gas fire with coals. The outer case is available in two colours, antique bronze or black.

It has a balanced flue system which takes air for combustion from the outside and discharges products of combustion to the outside. It must be mounted on an external wall and can stand on a non-combustible hearth or suitable fire surround. There are four heat settings operated by turning the control knob which is located at the top right hand side of the fire. The burner system is designed to give various flame effects at the respective heat settings.

Ignition is by battery spark generator operated by turning and pressing the knob to light the pilot. It has a thermo electric flame supervision device for safety. Use only the coal bed supplied with this fire. Do not use any other material or burn any rubbish on the fire. Do not use the fire with a broken or damaged fuel bed or with a broken or cracked glass.

#### IMPORTANT NOTES

1. This fire is for use on Natural Gas only and cannot be used on any other gas (G20 at 20mbar).
2. The fire must be installed and serviced regularly in accordance with the installation/servicing instructions, the rules in force and Gas Safety (Installation and Use) Regulations, by a competent person, i.e. a Gas Safe registered Engineer.
3. The glass door becomes very hot when the fire is in use and must not be touched. The glass door conforms with the requirements of BS 1945 : 1991 and satisfies the Heating Appliances (Fireguards) (Safety) Regulations 1991. The door is to prevent risk of fire or injury from burns and it shall not be permanently removed or the fire used without it fitted.  
IT DOES NOT GIVE FULL PROTECTION FOR YOUNG CHILDREN, THE ELDERLY OR THE INFIRM .  
A fireguard conforming to B.S. 8423 (Fireguards for heating appliances for domestic use) should be used for the protection of children, the elderly or the infirm. Such a guard is also recommended for pet animals.  
WARNING: The glass is of a special heat resisting type, and if damaged must be replaced with the proper spare.
4. A minimum clearance of 500mm is required to a combustible adjacent wall.
5. After the fire has been installed you may wish to fix a shelf of combustible material above. This is quite acceptable provided the dimensions shown in the table below are used. For deeper shelves allow 15mm (5/8in) increase in shelf clearance for every 25mm (1in) additional shelf depth.
6. On the outside wall, the flue terminal (and terminal guard if fitted) must be clear of obstructions (as for wall heaters).
7. The distance between the sides of the fire and any permanent fittings must be at least 75mm (3in). This permits proper access to the case fixing screws, and to change the battery.


Depth of Shelf		Minimum Height to Underside of Shelf	
mm	in	mm	in
125	5	130	5 1/8
150	6	145	5 3/4
175	7	160	6 3/8

8. Clothes etc. must not be draped over the fire. Curtains must be 150mm (6in) clear at the top of the heater and 50mm (2in) at the sides. If wall mounted do not obstruct the underside of the fire.
9. "Soft furnishings" such as blown vinyl wallpaper are easily affected by heat and may become discoloured if fitted close to a heating appliance. Please bear this in mind when installing a heater/fire and when decorating.
10. When the fire is first used a slight smell may be given off but this will soon clear. Condensation on the window inner surface is normal, when the heater is lit from cold.
11. This product uses fuel effect pieces containing Refractory Ceramic Fibre (RCF), which are man-made vitreous silicate fibres. Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract, consequently, it makes sense to take care when handling these articles to ensure that the release of dust is kept to a minimum.

## TO LIGHT AND OPERATE

The control knob is located on the top right hand side of the fire and is shown in Fig. 1A. The ignition spark generator, battery powered (size AA), is located at the lower rear RH side.

**WARNING:** If the pilot light is extinguished either intentionally or unintentionally, no attempt should be made to relight the gas until at least three minutes have elapsed.

**TO LIGHT THE FIRE:** Turn the control knob anticlockwise to the (pilot)  position. Depress the control knob, sparks will be heard and the pilot should light, this can be confirmed by looking through the glass to the right hand side of the fuel bed in the direction of arrow 'A' (See Fig 1B). If the pilot is lit, hold down the control knob for a further 10 seconds before releasing. The pilot should remain alight. If the pilot does not remain alight, or has not ignited, push in the control knob slightly, turn back to OFF and repeat the above procedure.

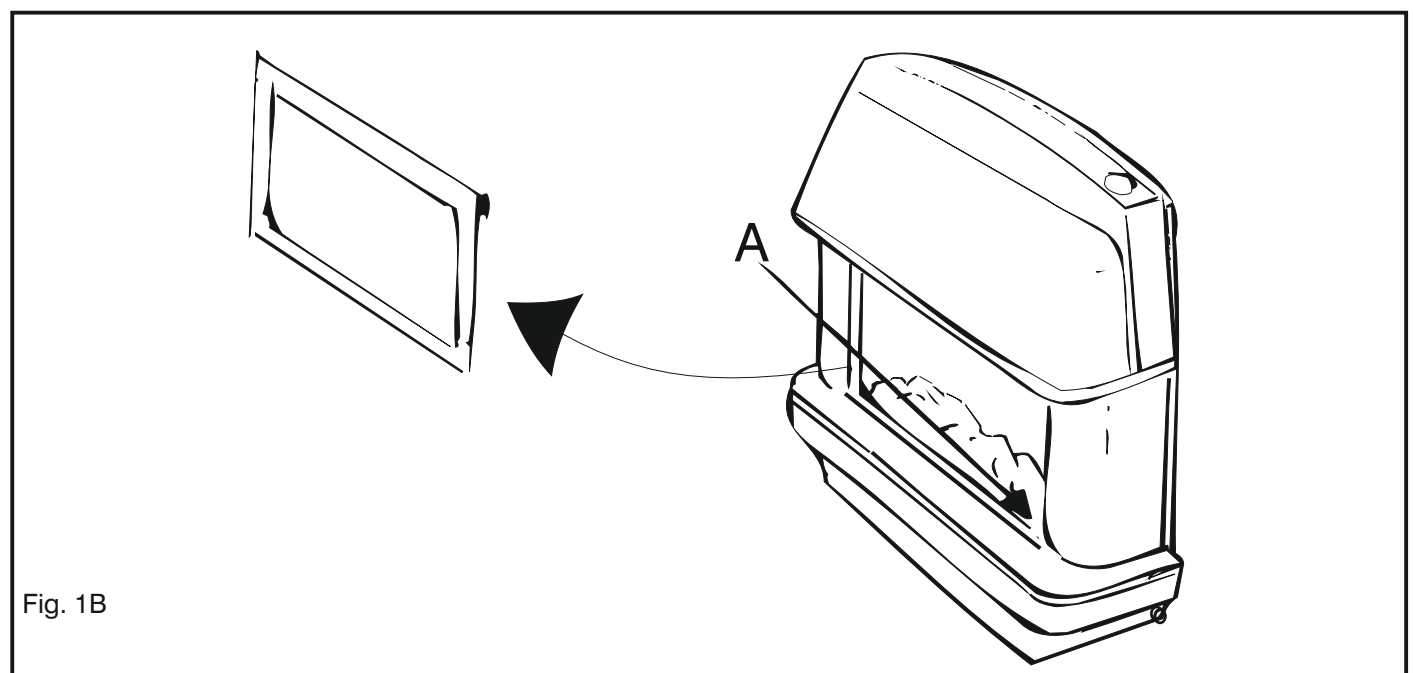
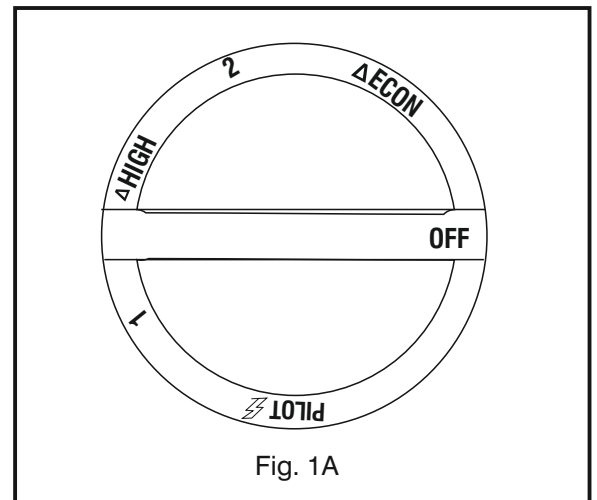
**Turn the control knob to setting 1 before choosing any other.**

**NOTE: The control knob should be pushed in slightly before turning, and always set to one of the stated positions.**

It is connected to the gas tap by a universal coupling and will have a 'loose feel' to it, which should not cause concern.

**TO TURN OFF:** Push in the control knob slightly and turn it clockwise to OFF position.

**WARNING:** If you want to relight a hot fire wait three minutes before doing so.



## HEAT SETTINGS

There are four heat settings 1, HIGH, 2 and ECON (See Fig. 1A). Setting 1 provides gas to the full burner at a low level. Setting HIGH gives the full heat output. Setting 2 uses about the same amount of gas as 1 but limits this to the centre section of the burner. You therefore see a different flame picture but still see the pilot flame on the right. Setting ECON is the lowest heat setting and gives gas at a low rate to the centre burner section. Never turn the knob quickly from pilot to 2 or ECON, always turn to 1 first.

## CLEANING

(SEE COAL BED)

NOTE: Abrasive cleaners should never be used.

All cleaning should be carried out when the fire is cold. As the fire is used, the bright metal finish around the fuel bed will darken to enhance the fuel effect. There is no need to use metal polish on these parts as the discoloration is normal. Generally the fire would only need dusting. Any painted surface or metal part may be cleaned with a damp cloth. Any stains on the glass can be removed with a non-abrasive cleaner or ceramic hob cleaner. The fuel effect components may be cleaned with a soft brush. It is recommended that a vacuum cleaner is not used.

## TO REMOVE THE GLASS DOOR

Pull the door mask upwards and forwards (see fig 1B). The glass door is retained by ten wing nuts and after removing these you may slide the glass door forwards and away from the fire. The inside of the window should be cleaned with a 'ceramic hob' cleaner, such as Hobbrite, before refitting

## COAL BED

The coal bed is a one piece assembly and may be removed for cleaning or exchanging. To do this first remove the glass door as previously instructed then lift the coal bed straight out. Take care as the coal bed is a fragile component. When replacing ensure that the end cut out of the coal bed is positioned over the pilot on the right hand side of the fire. (See Fig. 2). Should any soot accumulation become excessive, the fuel effect pieces should be removed from the fire for cleaning. Cleaning should be carried out in a well-ventilated area or in the open air, by gently brushing with the pieces held away from your face so that you avoid inhaling the dust. We do not recommend the use of a normal domestic vacuum cleaner, which may blow dust back into the air.

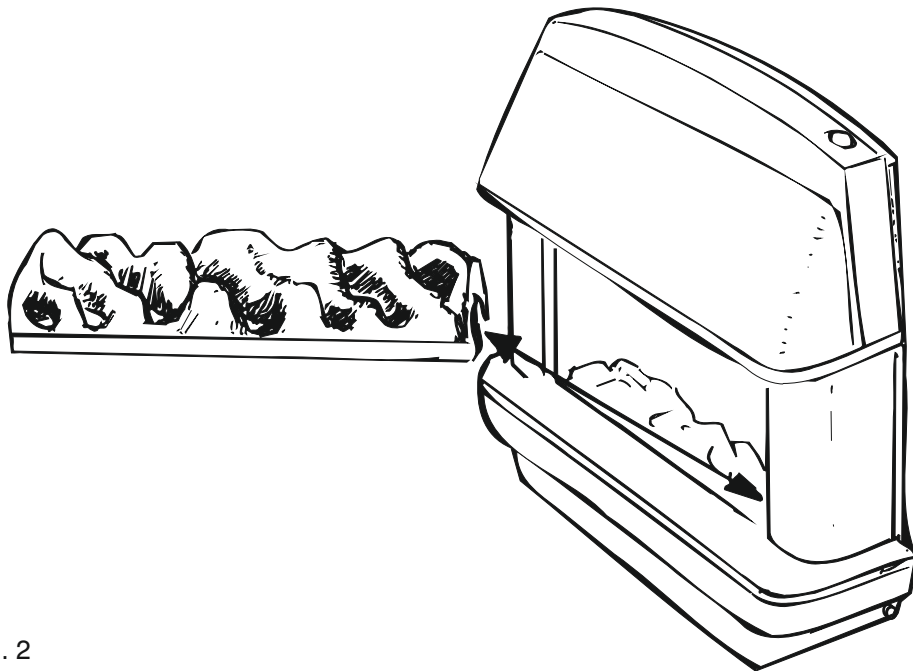


Fig. 2

## CHANGING THE BATTERY

The ignition spark generator, containing the battery (size AA), is located at the lower rear RH side. Unscrew the cap, anti-clockwise, off the battery holder. Remove the battery, and replace with a new one. This should be inserted 'flat end first' - this is the negative terminal. Replace the cap carefully to avoid cross-threading it.  
Please note: Consumable items, such as batteries, are not covered by the guarantee.

## SPARES AND SERVICE

For spares and service apply to your local supplier or installer stating that the appliance is a FIRECHARM R.S. Electronic. The appliance G.C. Number is 32 689 43/44 and this together with the serial number of the fire is shown on the small label on the lower right side of the fire.

Advantage should be taken of annual servicing/inspection by a Gas Safe registered Engineer, to ensure continued safe and efficient operation of the fire. For case parts always say whether your fire is bronze or black.

Full on the fire consumes 4.5 units of gas per hour. The cost of a unit of gas varies according to the tariff. Please check with your local Gas Region. Based on the cost of gas at 2.5 pence per kW hour at the High setting 4.5kW costs 11.3 pence per hour approximately, and at Econ setting using 1.5kW costs 3.8 pence per hour approximately. The maximum output is 3.57kW, and the minimum output is 1kW.



### The Benchmark Scheme

GDC Group is a licensed member of the Benchmark Scheme which aims to improve the standards of installation and commissioning of domestic heating and hot water systems in the UK and to encourage regular servicing to optimise safety, efficiency and performance.

Benchmark is managed and promoted by the Heating and Hotwater Industry Council.

Please ensure that the installer has fully completed the Benchmark Checklist on the back pages of the Installation & Servicing instructions supplied with the product and that you have signed it to say that you have received a full and clear explanation of its operation. The installer is legally required to complete a commissioning checklist as a means of complying with the appropriate Building Regulations (England and Wales).

Installations carried out in England and Wales must be notified to Local Area Building Control either directly or through a Competent Persons Scheme. A Building Regulations Compliance Certificate will then be issued to the customer who should, on receipt, write the Notification Number on the Benchmark Checklist.

The filled in Benchmark Checklist/Service Record by the installer will be required in the event of any warranty (UK and Ireland installation)

After servicing, complete the relevant "Service Interval Record" section of the Benchmark Checklist contained in the Installation & Servicing instruction booklet.



### Robinson Willey

GDC Group Ltd, Millbrook House, Grange Drive, Hedge End, Southampton, SO30 2DF.  
Telephone: 0844 879 35 88 E-mail: [info@robinsonwilley.co.uk](mailto:info@robinsonwilley.co.uk) website: [www.robinsonwilley.co.uk](http://www.robinsonwilley.co.uk)

Robinson Willey is a Trading Division of the GDC Group Ltd