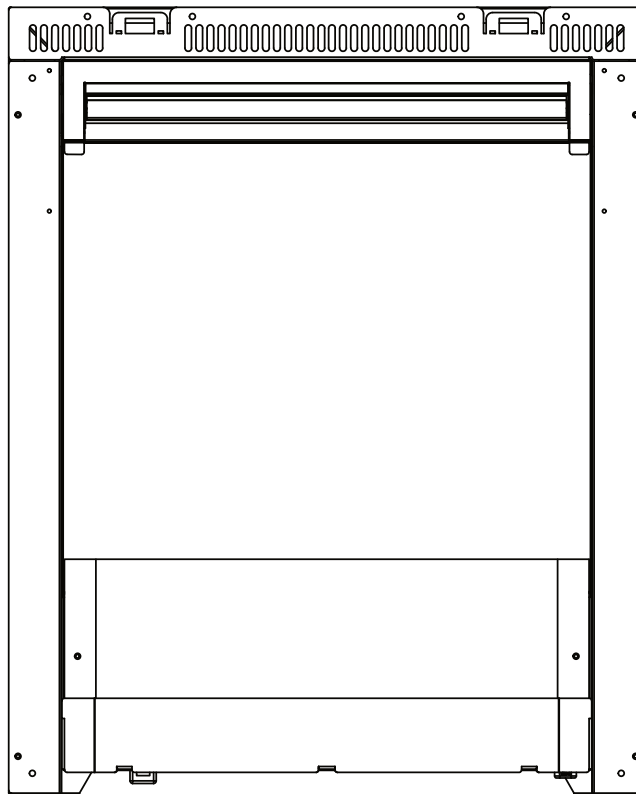




Instruction Manual **SLE43i** with eTronic 3d flame technology



This product is only suitable for well insulated spaces or occasional use.

To be left with the customer after demonstrating the features of the Solution electric fire.

The complete installation must be carried out in accordance with current Standards and Local Codes. The instructions in this manual must be followed to ensure safe operation of the appliance. It should be noted that the requirements and this publication may be superseded during the life of the Fireplace - please refer to www.solutionfires.co.uk for up-to-date instructions.



The product complies with the European Safety Standards EN60335-2-30 and the European Standard Electromagnetic Compatibility (EMC) EN55014, EN60555-2 and EN60555-3. These cover the essential requirements of EEC Directives 2006/95/EC and 2004/108/EC

Contents

Important Safety Advice..... 03

Installation & Operating Instructions..... 05

Installation..... 06

Product Dimensions and Technical Data..... 09

Operation Instructions..... 11

Powering the Fire..... 12

Target Temperature Setting..... 12

Heater Operation..... 12

Flame Effect Operation..... 12

Fuel Bed Effect Operation..... 13

Setting the Time and Day (24 Hour Clock)..... 13

Setting the Weekly Timer..... 13

Thermal Safety Cut-Out..... 14

Light Emitting Diodes..... 14

Battery Replacement Remote Control..... 14

Troubleshooting..... 15

Cleaning, Servicing and Maintenance..... 15

Correct Disposal of this Product..... 16

Solution Fires Warranty..... 16

Important Safety Advice

When using electrical appliances, basic precautions should be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- **WARNING:** If the appliance is damaged, check immediately with your retailer before installation and operation. The heater must not be used if any part of it is damaged.
- **WARNING:** In order to avoid overheating, do not cover the heater. The heater must not be located immediately below, above or in front of a fixed socket outlet or electrical connection box.
- **WARNING:** Do not use this heater in small rooms when they are occupied by persons not capable of leaving the room on their own, unless constant supervision is provided.
- **WARNING:** The appliance carries the Warning Symbol indicating that it must not be covered or has a 'Do not cover label'. Do not cover or obstruct in any way the heat outlet grille. Overheating will result if the appliance is accidentally covered.
- **WARNING:** Do not place material or garments on the appliance, or obstruct the air circulation around the appliance, for instance by curtains or furniture, as this could cause overheating and a fire risk.
- **CAUTION:** Do not use outdoors.
- **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.
- **CAUTION:** Some parts of this appliance around the heater grill can become very hot and cause burns. Particular attention has to be given where children and vulnerable people are present.
- **CAUTION:** The heater must not be positioned or used where it may come into contact with water, for example but not exclusively, in wet rooms, bathrooms, swimming pools, laundries or used to dry clothes.
- **CAUTION:** Some parts of this appliance can become very hot and cause burns.
- **CAUTION:** Only control the appliance using the manual operations or the supplied remote control described in this manual. Do not use this heater with a programmer, timer, separate remote control system or any other device that switches the heater on automatically.
- In the event of a fault unplug the heater.
- Unplug the appliance when not required for long periods.
- This appliance is supplied with a power lead complete with a moulded 13 Amp UK three-pin plug to connect into a standard UK socket outlet. This appliance must be earthed. The plug must be easily accessible after siting the appliance. Should a new fuse be required, consult a competent person to establish the reason for the fuse failing. Only once the fault is rectified should a new 13A fuse be inserted into the plug.
- Use only a dry duster or vacuum cleaner with brush attachment to clean the appliance. Never use abrasive cleaners, water, steam cleaners or aerosols on or near the appliance.



- This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given instruction concerning the use of the appliance in a safe way or are supervised and understand the hazards involved.
- Never leave children, the elderly or vulnerable people unsupervised with a fire that does not have a guard fitted.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be carried out by children without supervision.
- Children of less than 3 years should be kept away from the appliance unless continuously supervised.
- Children aged from 3 years to 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 instruction concerning use of the appliance in a safe way or are supervised and understand the hazards involved.
- Children aged from 3 years to 8 years shall not plug in, regulate, clean nor maintain the appliance.
- Children of any age should not be permitted to play with the appliance or its controls.
- If the supply cord is damaged, switch off the mains power at the wall socket immediately. It must be replaced by the manufacturer, its service agent, or a similarly qualified person in order to avoid a hazard.

Remote Control Battery Warning

Only adults should handle the batteries. Do not allow a child to use the remote control unless the battery cover is securely attached to the battery compartment. All batteries must be disposed of at your local recycling point.

Box Contents:

Please check that the following components are included within the box. If anything is missing or damaged, please contact the retailer and do not use the appliance until you have everything.

- Appliance with trailing kettle-type socket.
- Kettle-type lead with moulded 13 Amp plug.
- Stability fixing system.
- Remote control hand set.
- Instruction manual.

Installation & Operating Instructions

Installation Requirements

Before commencing installation of the unit consideration should be given to the following:

1. Read these instructions thoroughly.
2. Chamber/opening dimensions.
MIN 420mm (W) x 560mm (H) x 75mm(D)
MAX 440mm (W) x 580mm (H) NO MAX DEPTH
3. Open chimney/flue must be blocked off to prevent downdrafts and chimney draw.
4. You will need the suitable tools.
5. You will need the suitable wall plugs for the stability system eyelet.
6. Select a location that is not prone to moisture.
7. A 13 amp, 240 Volt socket capable of accommodating a maximum load of 2050 watts must be available close to the appliance. The socket must be accessible at all times and must not be placed directly behind the unit.

DO NOT INSTALL THE APPLIANCE DIRECTLY ON CARPET OR SIMILAR SURFACES WHICH MAY RESTRICT AIR CIRCULATION.

Unpacking & Testing

Carefully remove the unit from the packaging and prior to installing the unit, test the unit by plugging the power supply into a conveniently located 13 amp earthed socket and run through the controls. Your appliance is supplied with the following items:

- Remote Control (2xAAA Batteries included)

Installation Instructions

Installation

1. Centrally and in-line with the top of the fireplace opening, drill and plug a hole and fit the eyelet (supplied) in the rear wall of the chamber. Ensure the fittings you use are suitable for the structure into which you are fitting the eyelet. (Fig. 4)
2. Stick the provided foam gasket on the back of flanges. (Fig. 5)
3. Position the appliance in front of the fireplace opening and connect the power cables, ensuring no power cables are pinched or trapped. The trailing socket can be located to the left or right of the appliance.
4. Thread the steel cable of the stability system through the right hand hole (1), in the front of the appliance.
5. Loop it through the eyelet (2) and bring the loose end back through the hole on the opposite side (3) in the front of the appliance.
5. Then thread again through hole (4).
5. Without damaging the surface on which the appliance is to be fitted move the appliance into position, gently pulling the steel cable. Do not pull the cable too tightly; the stability system is a safety feature to prevent the fire from falling forwards.
6. Pull the cable and insert the loose end into hole (5). Cut off any excess cable length with wire cutters if necessary, leaving enough to enable possible future removal if required.

Fig.4

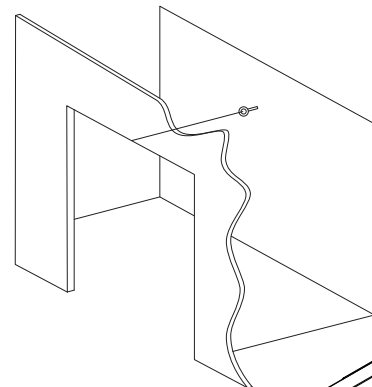
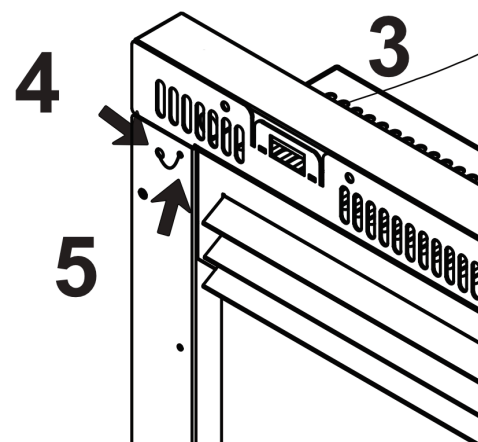
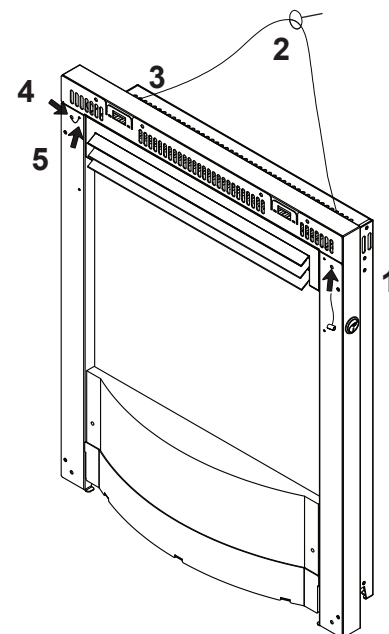
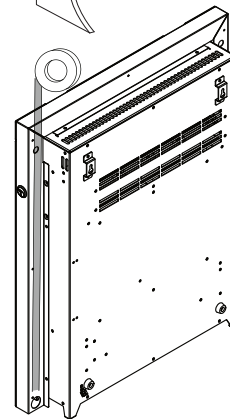


Fig.5

Foam Gasket



Installation Instructions

Installation - Frames

Capital Fires provide alternative Frames for the appliance. Fitting methods are shown below.



Frame Style One

Pressed Steel Trim & Fret

1. Unpack the frame from its packaging.
2. Put the frame towards the appliance. Magnets are on the back of the frame to hold it in place.
3. Line up the frame and appliance by slightly moving to left or right. (Fig.8)

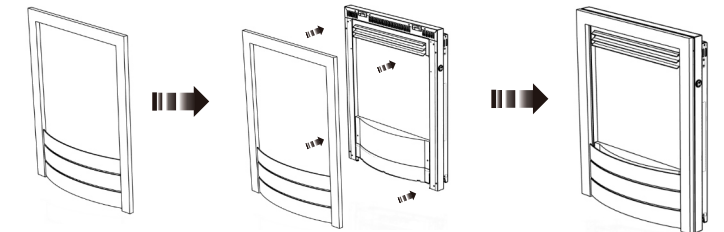
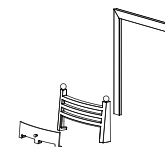


Fig.8



Frame Style Two

Trim & Fret

1. Unpack the frame from its packaging.
2. Put the frame towards the appliance. Magnets are on the back of the frame to hold it in place.
3. Line up the frame and appliance by slightly moving to left or right. (Fig.9)
4. Place the fret in front of the appliance (Fig.10)
5. Put the ash pan cover in place (Fig.11)

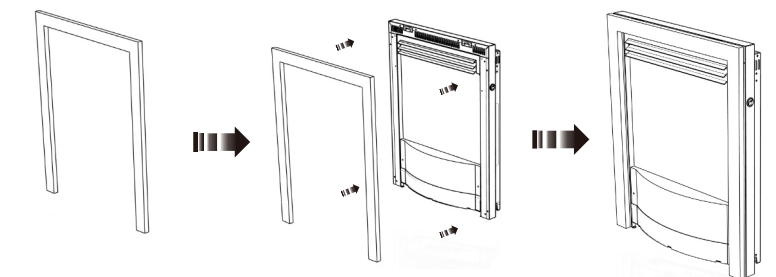


Fig.9

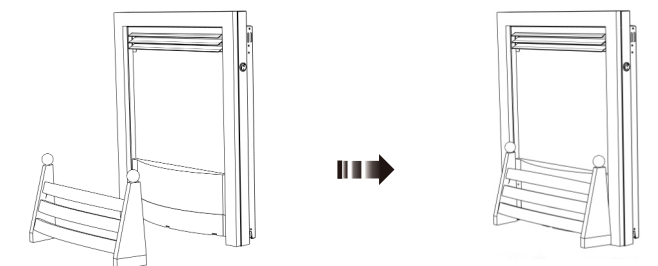


Fig.10

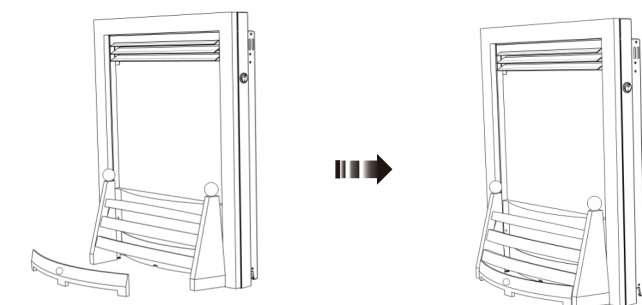
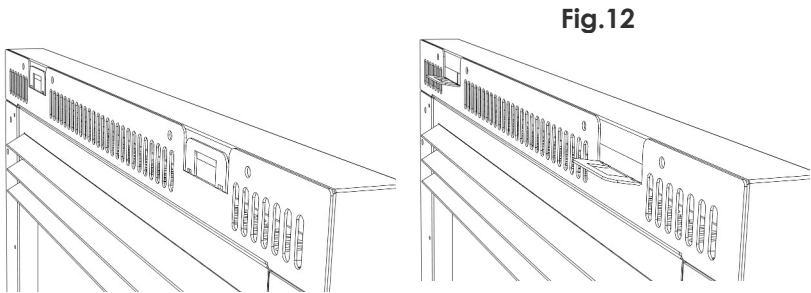
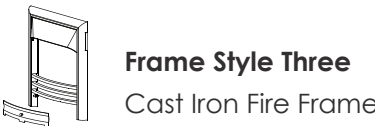


Fig.11

Installation Instructions

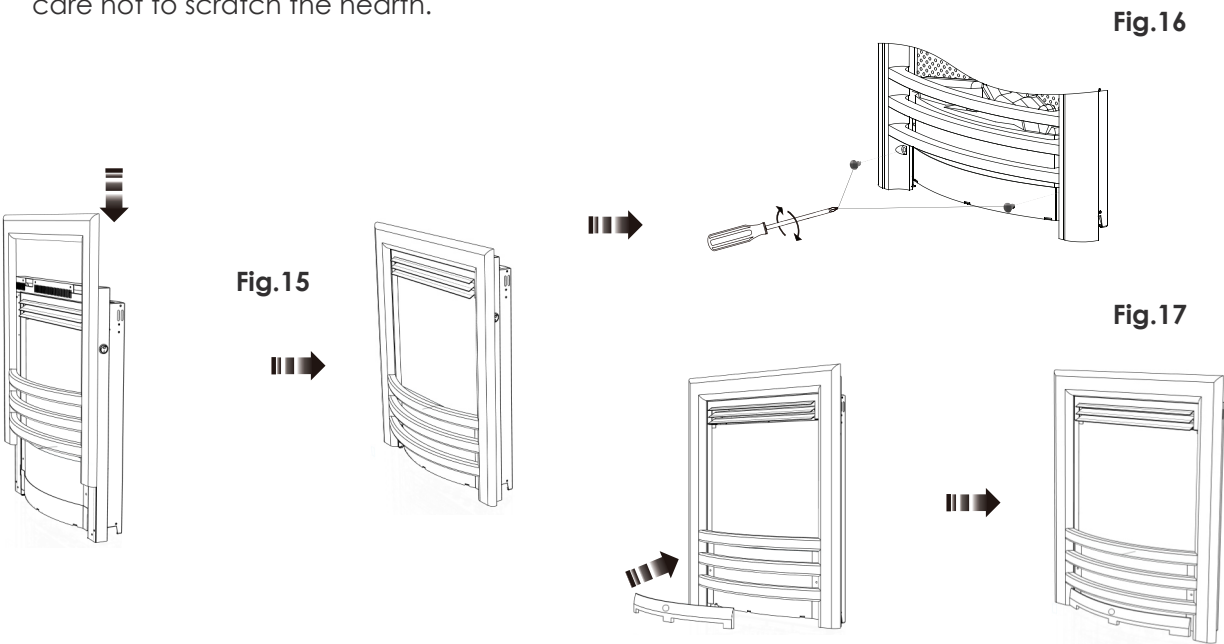
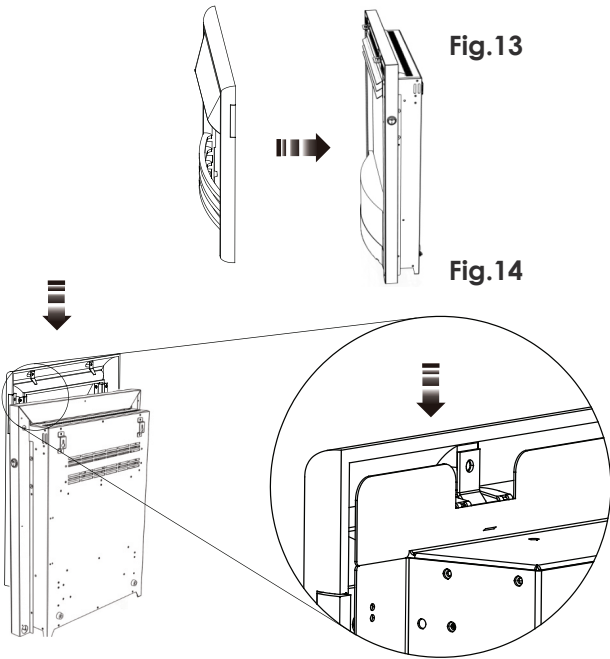
Installation - Frames Continued



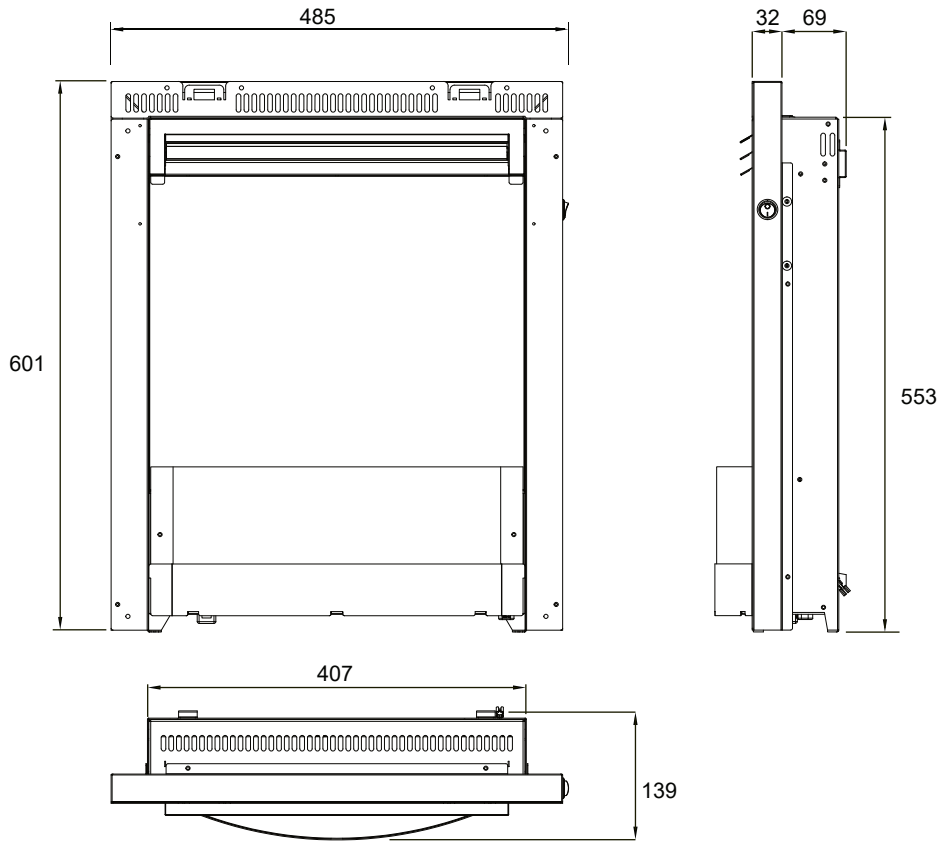
1. Unpack the frame from its packaging.
2. **IMPORTANT. Ensure the canopy is removed from the frame.**
3. Bend the two tabs at the top of the fire forwards to accept the hooks fitted to the frame. (Fig.12)
4. Hook the frame into the holes of bends. Ensure that the hooks engage in the holes with the weight of the fireframe being borne by the floor or hearth. (Fig. 13, Fig. 14 & Fig.15)

IMPORTANT. Care should be taken until the fire is secured back using the installation wires as the weight of the Cast Iron Fire Frame may cause the fire to fall forward.

5. Now fit the Fireframe and screw in the two retaining screws (supplied) at the bottom of Fireframe behind the ash pan cover. (Fig.16) Take care not to scratch the back panel.
6. Put the ash pan cover in place (Fig.17) Take care not to scratch the hearth.



Product Dimensions SLE43i



Note: Dimensions stated are in millimetres unless otherwise stated and may be subject to a small tolerance.

Technical Data

Voltage	220-240V AC ~50-60 Hz
Max Power	1700-2000W
No Heater	10W
Motor Heater	12W
Gross Weight (kgs)	11kg (SLE43i)
Efficiency Rating	A

Commissioning and Handover

On completion of the installation:

- Ensure that the operating instructions for the unit are left with the customer.
- Ensure to advise the customer on the correct use of the appliance and how to isolate the unit when required.
- Advise the user what to do should smoke or fumes be emitted from the unit.

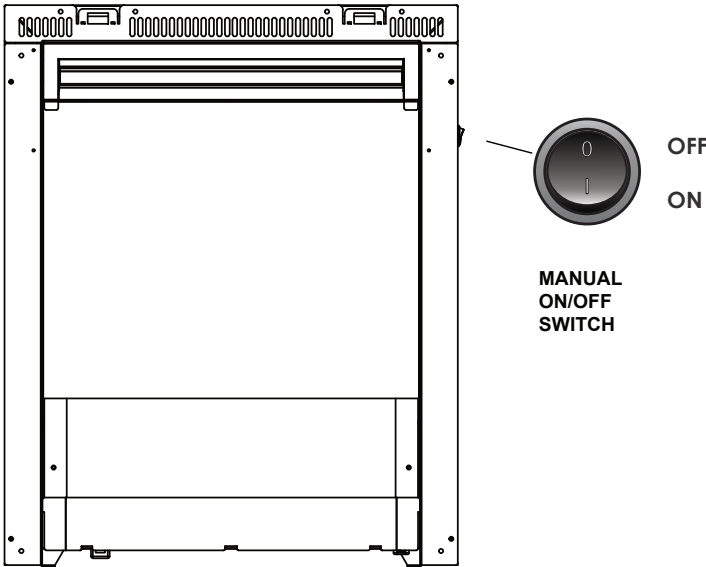
Technical Parameters

Information requirements for electric local space heaters

Model identifier(s): SLE43i					
Item	Symbol	Value	Unit	Item	Unit
Heat output				Type of heat input, for electric storage local space heaters only (select one)	
Nominal heat output	P _{nom}	2.0	kW	manual heat charge control, with integrated thermostat	[no]
Minimum heat output (indicative)	P _{min}	1.0	kW	manual heat charge control with room and/or outdoor temperature feedback	[no]
Maximum continuous heat output	P _{max,c}	2.0	kW	electronic heat charge control with room and/or outdoor temperature feedback	[no]
Auxiliary electricity consumption				fan assisted heat output	[no]
At nominal heat output	el _{max}	N/A	kW	Type of heat output/room temperature control (select one)	
At minimum heat output	el _{min}	N/A	kW	single stage heat output and no room temperature control	[no]
In standby mode	el _{sb}	0.45	W	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	[no]
				with working time limitation	[no]
				with black bulb sensor	[no]
Contact details	Capital Fireplaces Ltd, Units 12-17 Henlow Trading Est, Henlow, Bedfordshire SG16 6DS				

Operational Instructions

Fig.18



! NOTE: The unit can be operated by supplied remote control only. For the unit to operate, the manual ON/OFF switch, (see location in Fig.18) must be switched to the “I” position.

Behind the screen a red light will illuminate when the fire is plugged in, the wall socket switch is on and the manual on/off switch is on. The red light will remain illuminated for 10 seconds to prove there is power to your fire.

Remote Control Buttons and Display



Fig.19

! NOTE: Before attempting any operation with the remote, press and slide the battery door (on the back of remote) open and insert two AAA batteries, checking that the + and - ends of the battery match inside the battery compartment, close the battery door.

Operation Instructions

NOTE: The unit may emit a slight, harmless odour and smoke when first used. This odour & smoke is normal and it is caused by the heating of the internal heater parts and will not occur again.

NOTE: The functions below can be controlled by the remote control. Before using the control method, please ensure that the manual ON/OFF switch is to the "I" position.

Powering ON/OFF the Fireplace

Press the Power button to supply power to all functions of the fireplace and put the fireplace in a standby mode.
Press the Power button again to turn off all functions.

NOTE: All previous settings are held in memory, so the next time you power up the fireplace, the unit will turn on with the same settings.

Target Temperature Settings — + on Handset

Adjust the target temperature to the desired setting (15° to 30°C Range) using the +/-PLUS & -/MINUS

NOTE: The target temperature must be above the room temperature for the heating function to temperate.

Heat on Handset

Press the **Heat** button toggle between high (🔥) and low (🔥) levels displayed on the handset.

NOTE: On either heat setting, the heat function will turn off when the room temperature reaches the target temperature. The heat function will automatically restart when the room temperature drops 3°C below the target temperature. Press the Heater button again to turn off the Heater function.

NOTE: The fan will run for approximately 15 seconds after the Heating function is turned off to remove any residual heat for the unit to protect the control components from any potential overheating.

Auto Off Button - AO on Handset

Pressing the AO button will toggle the automatic timer between 6 hours, 8 hours, and off.

Flame Brightness Button - Flame on Handset

The brightness setting of the Flame Picture can also be adjusted by pressing the Brightness button to select from the following levels:

- High Setting
- Intermediate/Central Setting
- Low Setting
- Turn off the flames

Operation Instructions

Fuel Bed Brightness - Fuel on Handset

The brightness setting of the fuel bed colour can be adjusted by pressing the fuel bed button to select from the following levels:

- High Setting
- Intermediate/Central Setting
- Low Setting

Setting day of week and time on handset

Press the >> key, the corresponding “hour” → “minute” → day of the week 1-7” flashes. In each case press the + or - to set the corresponding values.

To activate the weekly timer

Press the **7Day** button to send and activate the current program on the remote. Press the time button again to disable the program.

NOTE: The time & day must be set before the Timer Mode can be activated. The unit can still be operated normally when in the timer mode using the Heater function.

Adjusting the weekly timer

The timer allows for the fire to be automatically switched on and off in 1 hour intervals. The “week” graphic, followed by a number indicated the day. i.e. “1” indicated Monday, “2”: Tuesday through to “7”: Sunday.

Setting the programmed temperature and times under automatic mode.

1. Press the **Time** key once and the LCD screen will display a 1 to indicate Monday
2. The temperature will be flashing, use the + and - keys to set the temperature to your desired setting.
3. Press the >> key to confirm and “00” will display. “00” indicates the period from 00:00-01:00am, 01 indicates 01:00-02:00 and so on.
4. Pressing the >> key again will toggle “ 🔥 ”, “ 🔥 ” and “ ” **(No graphic)** .
“ 🔥 ” Indicates the fire will heat to the set temperature during this period.
“ 🔥 ” Indicates the fire will heat to 3°C below the set temperature during this period.
“ ” **(No graphic)** Indicates the fire will not heat during this period.
5. Press the + key to increment the hour or – to decrement back.
6. Repeat step 3 and 4 to complete the days program.
7. Press the **Time** key to move to the next day of the week (1-7) and repeat steps 2-4 for each day.
8. On the 8th press of the **7Day** key, the weekly timer is set and the display will show the current day of the week again.

Battery Replacement Remote Control

Battery information - see Fig. 32

1. Slide open the battery cover on the back of the remote control
2. Install AAA batteries into the remote control
3. Replace the battery cover

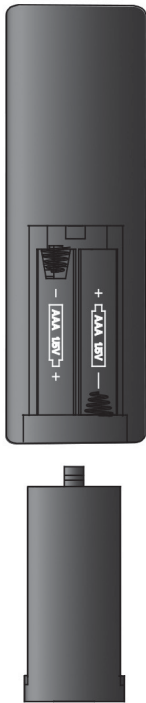


Fig.32

Discard leaky batteries

Dispose of batteries in the proper manner according to local regulations.

Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all the batteries are not replaced at the same time, if disposed of in a fire, or if an attempt is made to charge a battery not intended to be recharged.

Thermal Safety Cut-Out

A thermal safety cut-out is incorporated in the heater to prevent damage due to overheating. This can happen if the heat outlet is restricted in any way. The heater will switch on once the obstruction has been removed and the heater has cooled. If the cut-out continues to operate intermittently, the heater should be switched off and a service agent contacted.

Light Emitting Diode

This fire is fitted with LED (Light Emitting Diode) bulbs in place of traditional incandescent bulbs. These generate the same light levels as traditional bulbs, but use a fraction of the energy consumed.

Troubleshooting

(IF IN DOUBT isolate the appliance and seek professional advice)

The unit does not switch on:

- Making sure it is safe to do so, check the mains supply.
- Making sure it is safe to do so, check the fuse in the mains supply.
- Check main power on/off switch is on.
- Change the battery in the remote control handset.
- If none of the above work, then please refer to your retailer.

The heater smells of burning:

- On first uses there may be a smell as the heating elements burn off residual deposits from manufacture.
- After periods of no use, dust can settle on the elements and will burn off. Excessive dust and fluff is a fire risk and should be eliminated by following the service and maintenance steps above.

When the heater is switched on it cuts itself off.

- This could be the normal operation of the thermostat having been set to a target temperature, and is fine.
- This could be the safety thermal cut-out device operating. If this operates, then firstly isolate the appliance from the mains and then check for obstructions to the air flow and remove them. This could be fluff under the fire, for example. Once the obstruction(s) have been removed, let the appliance cool down for 15 minutes and then reconnect the appliance to the mains and try the appliance again. If the issue persists, then seek the advice of a competent person or your retailer.

The appliance seems to work, but no lights are illuminated.

- Please refer to your retailer if your fire is not operating correctly after re-reading these instructions.

The fuel bed flickers

- This is normal and is a feature of the appliance giving a realistic flickering ember effect.

My fire makes some sounds

- Your fire will make some sounds during normal operation. There are three sources of sound:

1. Switch/thermostat – During operation these will make quiet clicking sounds and will occur when your heater fan and heating elements are switched on or off.

2. Flame Effect - To ensure you experience a slow and relaxed flame effect speed, the electric motor provides its drive via an internal gearbox that will emit a faint gear noise.

3. Fan Heater – just like any fan heater there will be the sound of air being blown into the room.

The thermostat reading on the screen does not match the room temperature.

- The thermostat reading is of the ambient temperature in the immediate vicinity of the fire. It may be necessary to set a higher target temperature in some instances.

Remote control functions not working.

- Check batteries.
- Remove and replace batteries to "reboot" the handset.
- Ensure your handset is pointing towards the fire.

My 7 day programme has not worked.

Please ensure you have pointed the controller at the flame picture during all steps of the programming and that the fire is on during all steps too.

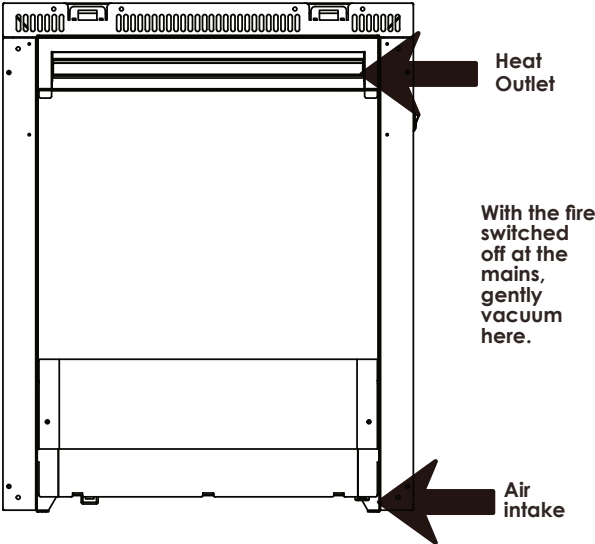
Cleaning, Servicing and Maintenance

NOTE: There are no user-serviceable components to this appliance. If there are issues that cannot be resolved with your appliance, then please contact your retailer. Allow the product to completely cool before handling or cleaning it.

1. Switch off and unplug from the power supply before cleaning.
2. Do not allow water or other liquids to run into the interior of the product, as this could create a fire and/or electrical hazard.

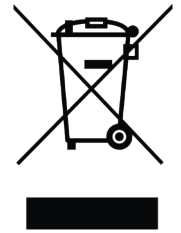
CAUTION: Do not use harsh detergents, chemical cleaners or solvents as they may damage the surface finish or the plastic components.

3. Hard floor coverings in particular, but all floor coverings cause fluff that can be drawn into the air intakes. From time-to-time and no less than every two months, isolate the fire from the mains and attach the brush accessory to your vacuum cleaner and gently vacuum the air intakes and outlets. (See image below)



Correct Disposal Of This Product

This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please contact the retailer where the product was purchased. They can take this product for environmental safe recycling.



Solution Fires Warranty

For Warranty information, terms and conditions and to register for an extended Warranty please scan the QR code below.

Alternatively please visit www.solutionfires.co.uk/warranty/

