

UK

SWAY 16" ELECTRIC INSET
INSTALLATION & USER INSTRUCTIONS



BRITISH
FIRES

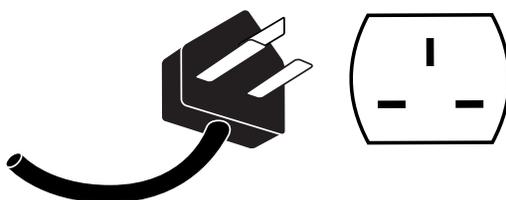
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// 1.0 INSTALLATION REQUIREMENTS

This product is only suitable for well insulated spaces or occasional use. The appliance is supplied with a pre-wired three pin plug (13 Amp fuse rated) and 1.8 meters of electrical cable. It is therefore necessary for a suitable electrical socket to be located within this distance and be easily accessible. The appliance is suitable for installation into all proprietary surrounds with an opening of 406mm by 559mm (16" by 22"). The appliance is supplied fitted with 2 spacer frames enabling it to be fitted with no need for a recess into a wall or surround back panel. Both spacer frames have a depth of 80mm. The appliance can be fully recessed if the opening depth is 160mm or greater and neither spacer is used. It may be installed directly into any proprietary surround which can house this size of rebate, without the need to recess the appliance into a wall opening or fabricate a false chimney breast.

This appliance should be positioned on a firm level surface and in a clean 'dust free' environment. If the fire is to be sited in a fire surround then the suitability of the surround for use with electrical heaters should be established with the fire surround manufacturer. If fitted into an open draught fireplace, it is recommended to blank off the chimney to reduce the risk of draught through the fire, which may cause the safety cut out system in the fan heater to operate.



// ATTENTION:

These instructions should be read carefully and retained for future reference.

// 2.0 IMPORTANT NOTES

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

This heater must be used on an AC supply only and the voltage marked on the heater's rating label must correspond to the supply voltage.

DO NOT switch the appliance on until it is properly installed as described in this manual.

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 shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

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 user maintenance.

CAUTION: Some parts of this appliance can become very hot and cause burns.

Particular attention has to be given where children and vulnerable people are present.

Check that all parts included are intact and not damaged. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard. Never use the appliance if the cord or any part of the appliance shows signs of damage. The heater must not be located immediately below a socket-outlet.

DO NOT use this heater in the immediate surroundings of a bath, a shower or a swimming pool.

WARNING: In order to avoid overheating,

 DO NOT cover the fan of the heater.

DO NOT use this heater with a programmer, timer, separate remote-control system or any other device that switches the heater on automatically, since a fire risk exists if the heater is covered or positioned incorrectly.

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.

WARNING: This heater is not equipped with a device to control the room temperature. 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.

Keep furniture, curtains and other fabric material away from appliance.

DO NOT leave the appliance unattended during use.

DO NOT run the mains cable under carpets, rugs etc.

 DO NOT cover or obstruct the heater in any way. Overheating will result if it is accidentally covered. Never immerse the appliance in water or any other liquids.

DO NOT use the appliance outdoors. Before cleaning the appliance, ensure it is unplugged from the power and that it is completely cool. DO NOT clean the appliance with abrasive chemicals.

Never use accessories that are not recommended or supplied by the manufacturer. It could cause danger to the user or damage to the appliance.

DO NOT insert or allow foreign objects to enter the inlet or outlet vents as this may result in electric shock, fire or damage to the appliance.

DO NOT install the fire using an extension cord. Unplug from the mains supply if the appliance is not to be used for long periods. This appliance is only suitable for well-insulated spaces or occasional use. DO NOT use this appliance in an open flue.

// 3.0 SWAY 16" INSET APPLIANCE DATA

Sway Electric Inset

Weight	21kg
Dimensions	577 x 480 x 238mm
Supply Voltage & Rating Power	220-240V AC, 50Hz, 1500W
Fuse Rating	13 Amp
Heating Elements	1500W
Lighting	LED
Approvals	UKCA, CE

Item	Symbol	Value	Unit
Heat Output			
Nominal heat output	Pnom	1.370	KW
Minimum heat output (indicative)	Pmin	0.700	KW
Maximum continuous heat output	Pmax, c	1.370	KW

Power consumption

In off mode	Po	0.00	W
In standby mode	Psm	0.39	W
In idle mode	Pidle	0.00	W
In network standby	Pnsm	0.00	W
Standby mode with display of information or status		No	
Seasonal space heating energy efficiency in active mode	ns,on	94.5	%

Item	Unit
Other control options	
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

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

Item	Unit
Types of heat input, for electric storage local space heaters only	
Annual heat charge control with integrated thermostat	N/A
Annual heat charge control with room and/or outdoor temperature feedback	N/A
Electronic heat charge control with room and/or outdoor temperature feedback	N/A
Fan assisted heat output	N/A

Type of heat output/room temperature control

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

The data label can be found on the rear of the appliance.

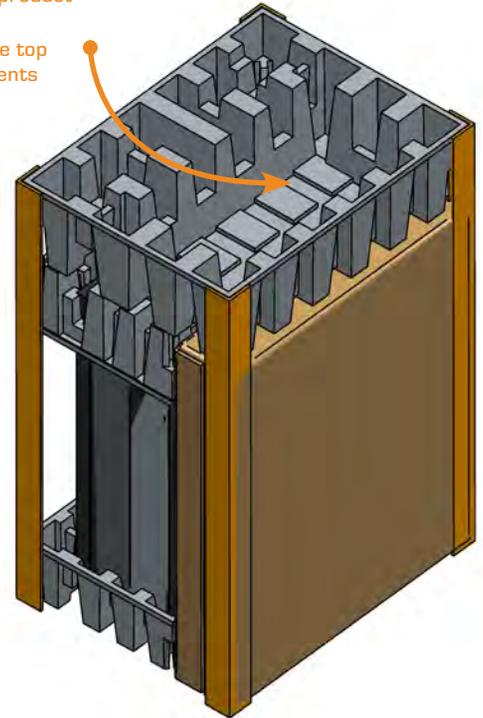


// 4.0 COMPONENT CHECKLIST

Quantity	Description
1	Heater unit
1	Remote control handset
1	Deluxe logs
2	AAA batteries
3	Neoprene strips
4	Wall plugs
4	Wall fixing screws
1	Decorative frame
1	Decorative front
4	Magnets (Dependant on frame)

IMPORTANT!

When unpacking the product please note the loose components are in the top packaging compartments



// 5.0 SITE REQUIREMENTS

It should be noted that the appliance creates warm convected air currents. These currents move heat from the room surroundings to, and up the wall surfaces adjacent to the heater.

If the appliance is to be secure on a dry wall or a timber framed construction then the integrity and ability of the wall to secure the appliance must be confirmed. It is important in these circumstances that any vapour barrier and/or structural members of the house frame are not damaged.

If you are unsure of the ability of the wall to secure the appliance and/or which type of wall fixing to use, you should take professional advice and obtain the correct fixings. Alternatively, find a more suitable wall location.

DO NOT run the supply cable under carpets.

DO NOT site in a position where curtains or drapes could cover the appliance, or other soft materials could cover e.g. below a coat rack.

DO NOT site behind an opening door where mechanical impact/damage could occur.

DO NOT site where the supply cable would become a trip hazard.

DO NOT sit, stand or forcefully pull on the appliance.

DO NOT obstruct, cover or force items into the openings. DO NOT use the heater to dry clothes.

DO NOT site/use in an outdoor location(s).

DO NOT mount on a wall.

It is important that the following clearances are maintained from the appliance to combustible materials. These clearances are dependent on the securing location as defined on the following pages.

// 6.0 CLEARANCES TO COMBUSTIBLES

The minimum distance to the front of the appliance is 900mm.

There are no clearances for above or side of the appliance, apart from being clear of curtains and drapes for a flush wall installation.

// 7.0 UNPACKING THE APPLIANCE

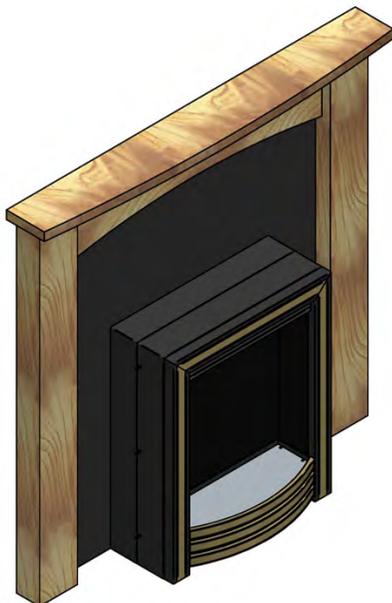
Read *all* the instructions before continuing to unpack or install this appliance. Carefully remove the appliance from its packaging and lay on the floor with its back surface downward. Note: DO NOT stand the appliance on its frame as this may cause distortion. Check that the remaining packaging contents correlate with the component checklist below. Please dispose of all packaging with care at your local recycling centre.

// IMPORTANT: Please read completely through the instructions and verify that all listed parts are present before installation.

// 8.0 PREPARING THE APPLIANCE

Dependent on your installation requirements, you may wish to install the appliance in three different ways.

1) Flat wall installation



2) Semi recessed installation



3) Fully recessed installation



1: Flat wall

If you are installing the fire against a wall with no recess, you will use both of the spacers that are fitted to the fire. You will be able to use either the sticky double sided neoprene strips, or, secure the fire to the wall using the holes on the rear of the spacer frame with screws.

2: Semi recessed

If you are installing the fire against a wall with a recess of 80mm or more, you will be able to remove one of the spacers that are fitted to the fire, so that your fire can sit further back on the hearth. You will be able to use either the sticky double sided neoprene strips, or, secure the fire to the wall using the holes on the rear of the spacer frame with screws.

3: Fully recessed

If you are putting the fire against a wall with a recess of 160mm or more, you will be able to remove both of the spacers that are fitted to the fire, so that your fire can sit further back on the hearth. To secure the fire to the wall you will be able to use the holes on the rear of the fire with screws.

// 8.0 PREPARING THE APPLIANCE

Removing the Spacer Frames

Step 1

Ensure the appliance is disconnected at the supply socket before undertaking the required work.

Step 2

Remove the four screws from the rear spacer located at the rear of the appliance with a cross headed screw driver.

Step 3

Remove the outer spacer frame.

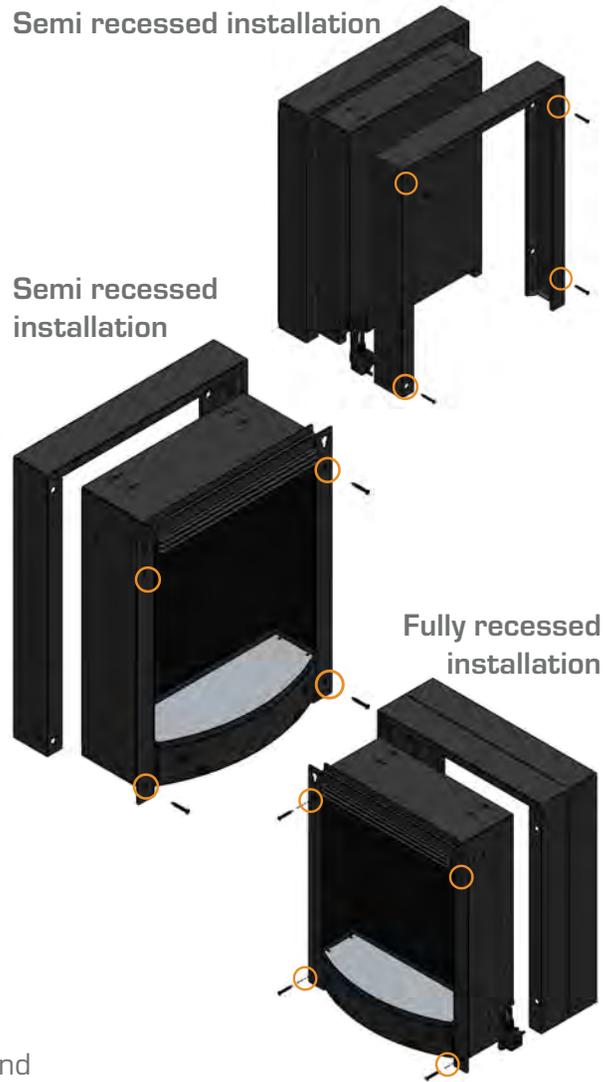
Step 4 (Fully recessed installations only)

To remove the second spacer, unscrew four screws from the front of the appliance securing the first spacer then remove from position.

Semi recessed installation

Semi recessed installation

Fully recessed installation



// 9.0 INSTALLATION OVERVIEW

British Fires assumes absolutely no responsibility for injuries and damages that may occur due to improper installation or handling.

Remove any protective film coatings from the finished/decorative surfaces of the appliance, if any. After having selected the final position of the appliance taking into account the integrity of the wall the electric appliance may be secured to the wall.

To ensure customer safety, be sure to design the installation so that the strength of both the wall and any wall fixings used are sufficient. Do not block the ventilation holes of the appliance. The wall onto which the appliance/stud wall is installed must be flat. Install only on a vertical surface. Avoid sloped surfaces. Installation onto anything other than a vertical wall may result in fire, damage or injury. If the appliance stud wall is to be mounted on a dry wall or a timber framed construction wall then efforts should be made to fix into two or more wooden studs, or supporting wooden members of the wall using the fixing screws provided. If this is not achievable then the wall should be strengthened using appropriate building materials.

Ensure that the correct wall plugs are used for the type of wall that the stud work is being connected to. Ensure the plug or fuse spur is fully accessible.

// WARNING:

Before enclosing the appliance, test the power in situation in order to ensure the power to the appliance working properly.

Check regularly for security of wall fixings as appropriate. Also check security of supply cable and connections. If the supply cable becomes damaged, it must be replaced by a service agent or competent person, such as a qualified electrician.

Please note: Before drilling into wall, always check that there are no hidden wires, pipes, etc. Make sure that the screws and wall plugs supplied are suitable for supporting the unit to the surface. Consult a qualified person if you are not sure.

WARNING

The wall where the appliance is to be installed must be capable of long-term support of the total load of the appliance. Measures should also be taken to ensure sufficient strength to withstand the force of earthquakes, vibration and other external forces. Plasterboard alone is not considered to be a structural material. It is not recommended to rely on plasterboard fixings alone to support the weight of the appliance.



// 9.1 INSTALLATION – EXISTING OPENING

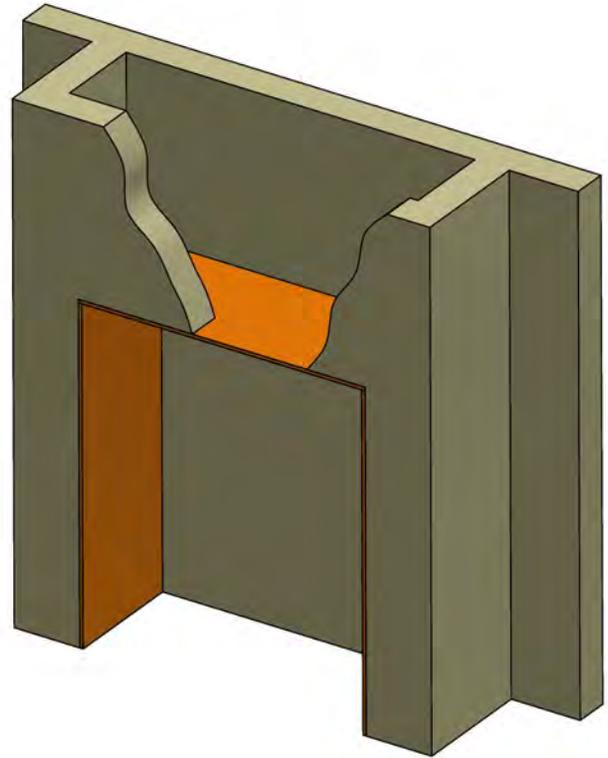
Blocking off the flue

If installing the appliance into an existing chimney breast, the flue MUST be blocked off

When an LED inset is installed into an open chimney, that has been blocked off, British Fires recommends that a LED inset cavity box is used in these types of installations. So the installer can guarantee that the flue has no adverse effects on the running of the appliance.

As if there is a flue pull present, this can draw the hot air from the appliances outlet, back through the appliance, over heat the thermal trip and safely cut the appliances heater off, resulting in an "88" error code.

Refer to section 9.3 for the installation of the cavity box.



If you block the chimney completely at the fireplace level, you must leave an air gap at the top, where the flue terminates. You should never block at both, the top and the bottom of the flue off.

To prevent moisture building up inside the flue an air vent must be installed internally or externally.

// 9.1 INSTALLATION – EXISTING OPENING

Testing the flue is blocked off correctly

When the LED Inset is intended to be installed into an open chimney the flue **MUST** be blocked off.

Once blocked off, carry out a test on the flue to confirm the flue has been adequately blocked off and there is no draw.

To carry out a test, hold the appliance packaging bag tight, up to the opening. If the bag is pulled into the flue there is still a draw from the chimney, which will have an adverse effect on the heater. As it will then draw the hot air back through the appliance and cause the thermal trip to operate, cutting the power to the heater and resulting in an "88" error code.

This test **MUST** be passed before the appliance is sealed in to the opening.

If this test is not passed, the flue will need to be blocked further, before the appliance can be installed.

Step 1

Hold a bag up to the front of the opening



PASS

Step 2

If the bag is drawn inwards, into the opening, there is a flue pull that is present, this must be rectified before continuing with the installation



FAIL

Scan the QR to watch a video of the test



// 9.1 INSTALLATION – EXISTING OPENING - FULLY RECESSED

If installing the appliance into an existing chimney breast, the flue **MUST** be blocked off

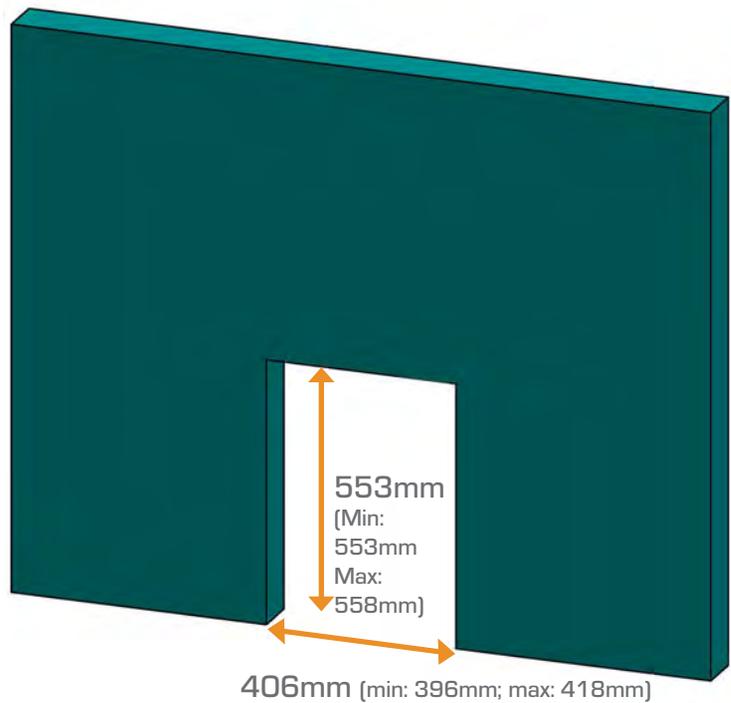
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As if there is a flue pull present this can draw the hot air from the appliances outlet back through the appliance, over heat the thermal trip and safely cut the appliances heater off, resulting in an "88" error code.

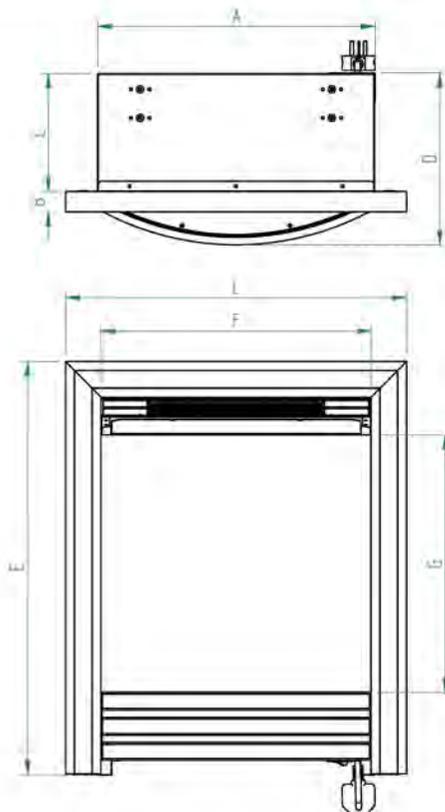
- 1) To install the appliance into an existing chimney breast, create an opening to the dimensions stated below.

Open Dimensions

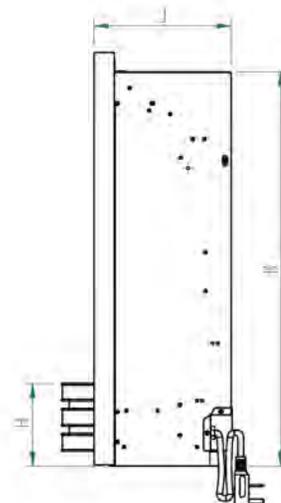
Height	Width	Depth
553mm	406mm	160mm min.
Min: 553mm Max: 558mm	Min: 396mm Max: 418mm	



Appliance dimensions



A - 391mm	G - 359mm
B - 29mm	H - 116mm
C - 164mm	J - 193mm
D - 240mm	K - 550mm
E - 577mm	L - 480mm
F - 380mm	



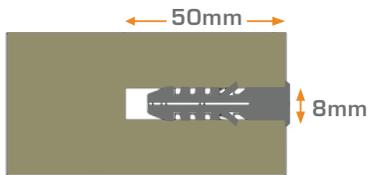
// 9.1 INSTALLATION – EXISTING OPENING - FULLY RECESSED

2) Remove the spacer frames from the rear of the appliance following the steps shown in section 8.0 Preparing The Appliance.

Screwed in installation

3a) Insert the appliance into the opening and centre, then with a pencil, mark out on the wall the 4x hole positions. Remove the appliance from its position.

4) Then with an 8mm drill bit, if using the wall fixing supplied, drill 4x holes 50mm deep.



Please note: Before drilling into the wall, always check that there are no hidden wires, pipes, etc. Make sure that the screws and wall plugs supplied are suitable for supporting the unit to the surface. Consult a qualified person if you are not sure.

5) Insert the wall plugs into the wall.

6) Then plug the appliance into the wall and check the power to the appliance.

7) Once the power to the appliance has been confirmed, insert the appliance back into the opening, lining the holes in the brackets with the holes in the wall.

8) Screw the wall screws through the wall brackets on the appliance and into the wall plugs in the wall and tighten, securing the appliance into position.



Neoprene installation

3b) To use the double sided neoprene strips, you will need to cut the strip into three pieces to fit on to the brackets on the back of the appliance.

Plug the appliance into the wall socket then turn the switch on. Centre the appliance into the opening then secure the appliance back against the wall/ back panel.



Once the appliance is installed refer to section 9.4. Fitting the decorative frame and front.



Once the appliance is installed refer to section 9.4 Fitting the Decorative Frame and Front.

// 9.2 INSTALLATION – FLAT WALL & SEMI RECESSED

- 1) Remove the spacer frames from the rear of the appliance following the steps shown in section 8.0 Preparing The Appliance.

2a) For a flat wall installation

Offer the rear spacer frame up to the wall to use as a template.

2b) For a semi recessed installation

Offer the 1st/ front spacer frame up to the wall to use as a template.

Neoprene installation

3a) To use the double sided neoprene strips, you will need to cut the strip into three pieces to fit on to the back of the spacer frame.

Plug the appliance into the wall socket then turn the switch on. Centre the appliance into the opening then secure the appliance back against the wall/ back panel.

Once the appliance is installed refer to section 9.4 Fitting the Decorative Frame and Front.

Screwed in installation

3b) With a pencil mark the four hole positions onto the wall.

4) Remove the spacer frame and then with an 8mm drill bit, if using the wall fixing supplied, drill 4x holes 50mm deep.

Please note; Before drilling into the wall, always check that there are no hidden wires, pipes, etc. Make sure that the screws and wall plugs supplied are suitable for supporting the unit to the surface. Consult a qualified person if you are not sure.

5) Insert the wall plugs into the wall.

6) Offer the spacer frame back into position, lining all four holes up.

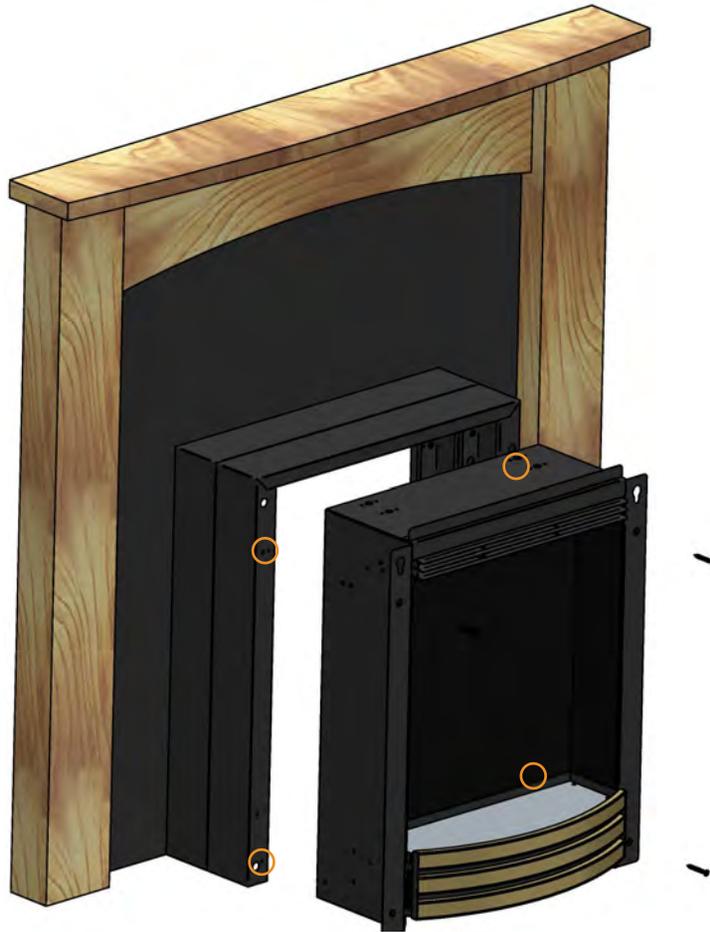
7) Screw the wall fixing screws through the rear spacer frame and into the wall plugs in the wall and tighten.

8) Next screw the screws from the first spacer frame into the front of the second spacer and tighten.



// 9.2 INSTALLATION – FLAT WALL & SEMI RECESSED

- 9)** Plug the appliance into the wall socket and turn the switch ON. Then install the appliance into position.
- 10)** Once all four holes in the appliance line up with the four holes on the front of the spacer frame, screw into place with a cross headed screw driver.



Once the appliance is installed refer to section 9.4 Fitting the Decorative Frame and Front.



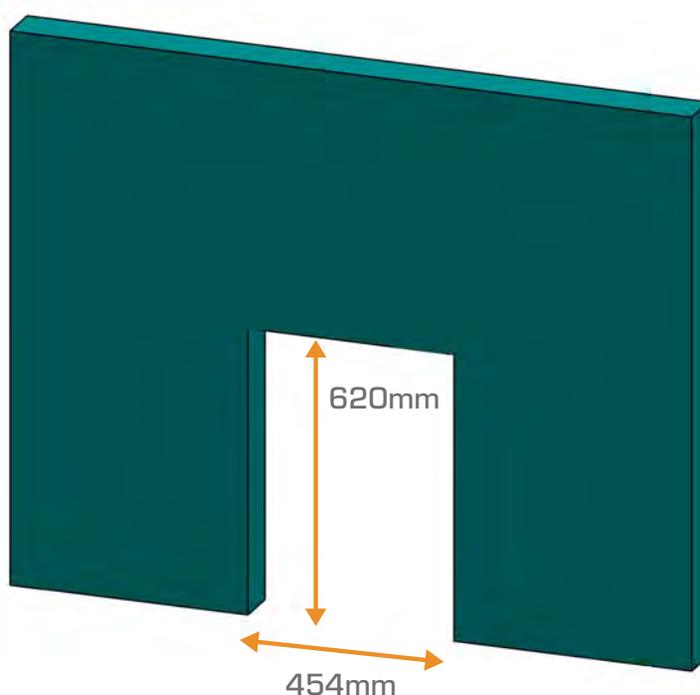
// 9.3 INSTALLATION – EXISTING OPENING WITH A CAVITY BOX

When an LED Inset is installed into an open chimney, that has been blocked off, British Fires recommends that a cavity box is used in these types of installations. So the installer can guarantee that the flue has no adverse affect on the running of the appliance.

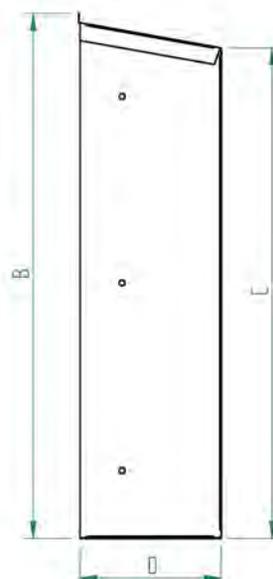
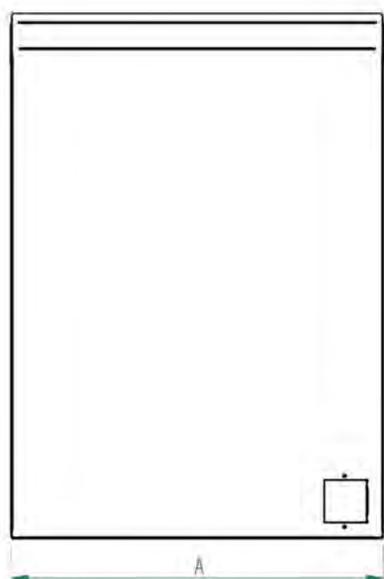
As if there is a flue pull present this can draw the hot air from the appliances outlet back through the appliance, over heat the thermal trip and safely cut the appliances heater off, resulting in an "88" error code.

1) For a cavity wall installation with a cavity box, create an opening in the wall to the dimensions stated below.

Open Dimensions for Cavity Wall Installation with a cavity box		
Height	Width	Depth
620mm	454mm	170mm minimum



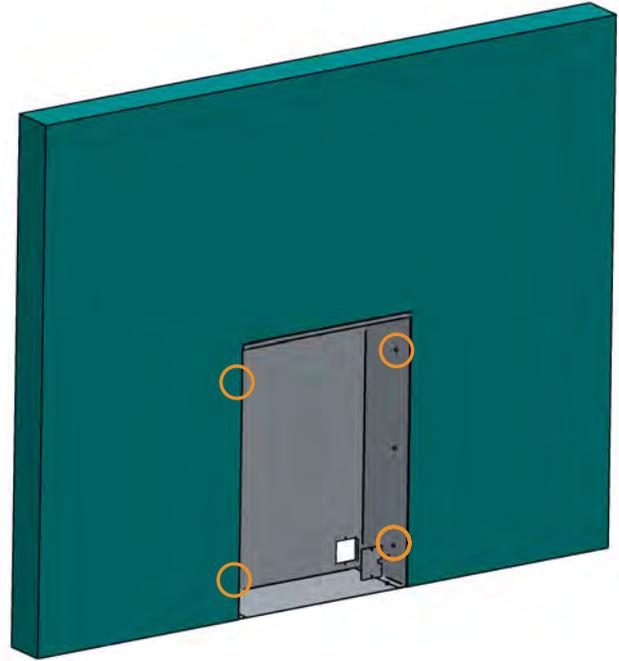
Cavity box dimensions



A - 441mm
B - 618mm
C - 577mm
D - 168mm

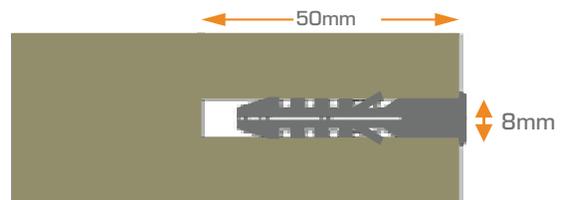
// 9.3 INSTALLATION – EXISTING OPENING WITH A CAVITY BOX

- 2) Insert the cavity box into place centre then, with a pencil, mark the 4x screw holes.



- 3) Remove the cavity box then drill 4x 8 x50mm holes where the markings are.

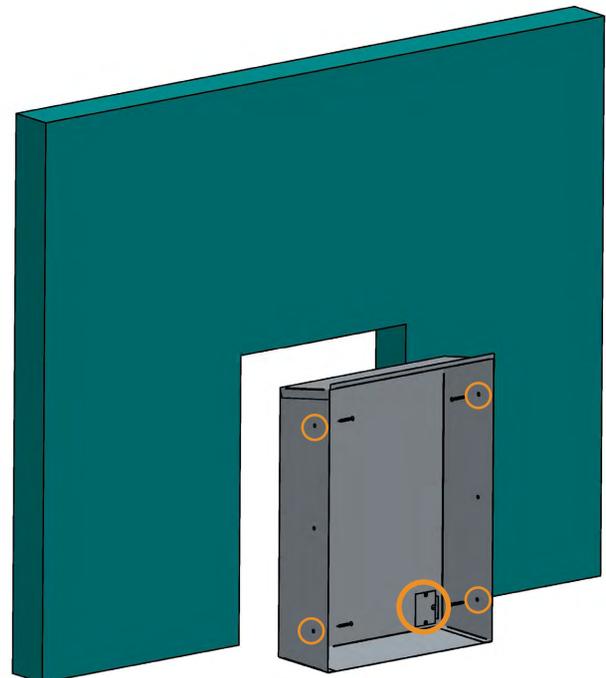
Please note: Before drilling into the wall, always check that there are no hidden wires, pipes, etc. Make sure that the screws and wall plugs supplied are suitable for supporting the unit to the surface. Consult a qualified person if you are not sure.



- 4) Insert the wall plugs into the holes then place the appliances power cable through the rear of the cavity box and into the plug socket and turn the plug switch ON.

NOTE: Confirm that there is power to the appliance first.

- 5) Then offer the cavity box into position. Screw the 4x wall screws through the sides of the cavity box and into the opening to secure the box to the opening.

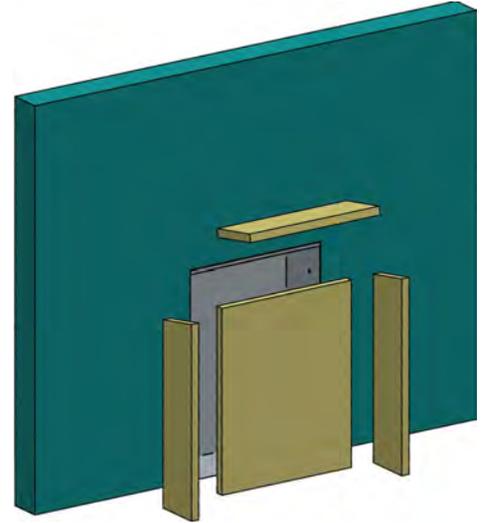


- 6) Use the 2x cavity box screws to install the cover plate into the rear of the cavity box, around the power cable.



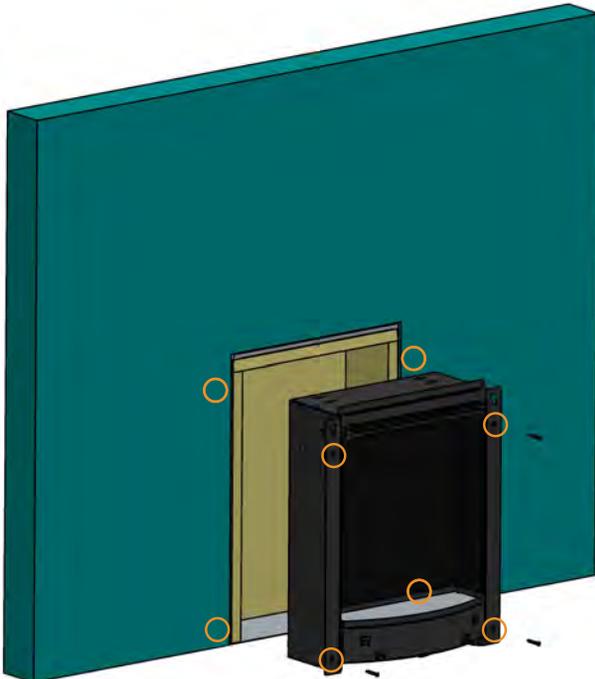
// 9.3 INSTALLATION – EXISTING OPENING WITH A CAVITY BOX

7) Insulate the cavity box with rock wool, carefully cut to size then line the internal walls of the cavity box.



8) Offer the appliance into position and secure into place using one of the chosen fixing methods.

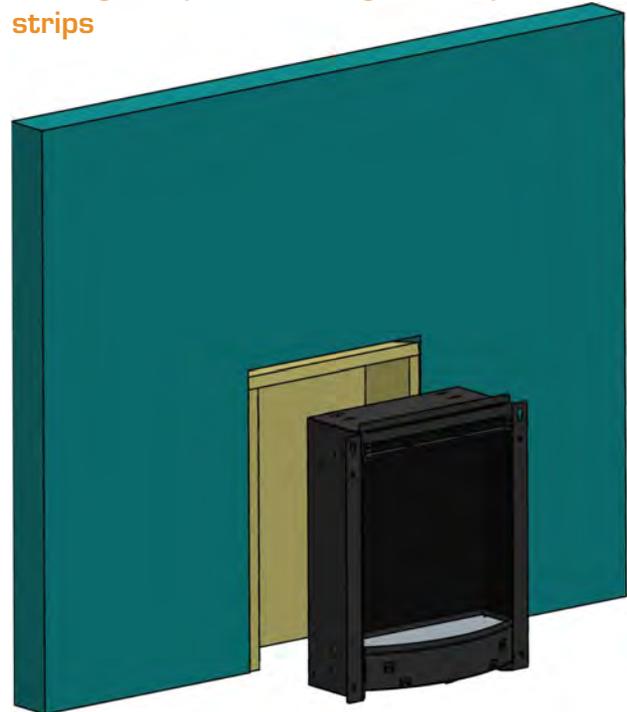
Screwing into position



Please note: Before drilling into the wall, always check that there are no hidden wires, pipes, etc. Make sure that the screws and wall plugs supplied are suitable for supporting the unit to the surface. Consult a qualified person if you are not sure.

Insert the appliance in to place then with a pencil, mark out on the wall the 4x hole positions. Remove the appliance from its position. Then with an 8mm drill bit, if using the wall fixing supplied drill 4x holes 50mm deep. Insert the wall plugs into the wall. Insert the appliance back into the opening, lining the holes in the brackets with the holes in the wall. Screw the wall screws through the wall brackets on the appliance and into the wall plugs in the wall and tighten, securing the appliance into position.

Sealing into position using the neoprene strips



To use the double sided Neoprene strips, you will need to cut the strip into three pieces to fit on to the brackets on the back of the appliance.



Once the appliance is installed refer to section 9.4 Fitting the decorative frame and front.

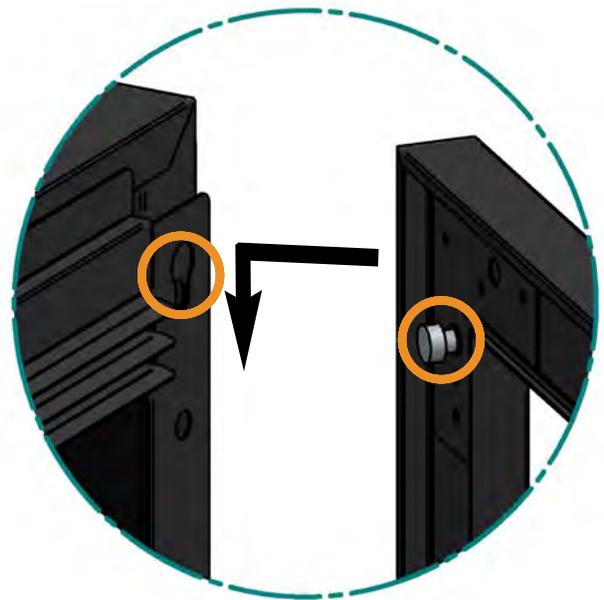
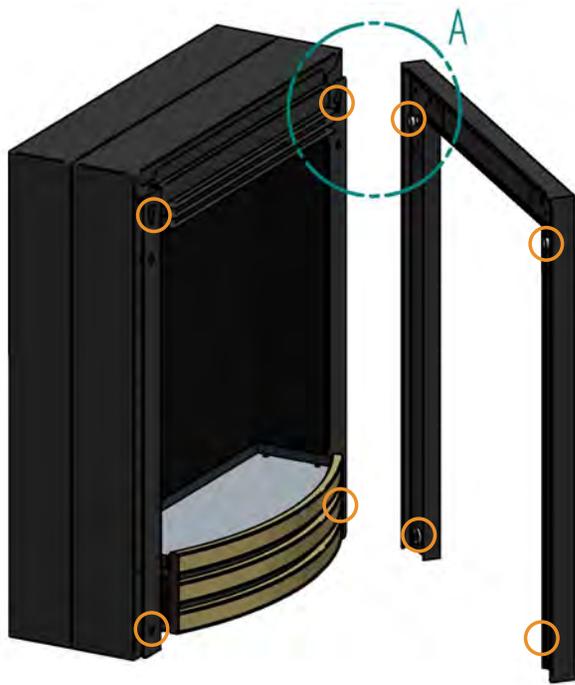
// 9.4 FITTING THE DECORATIVE FRAME AND FRONT

The appliance may be supplied with a decorative frame in a variety of finishes.

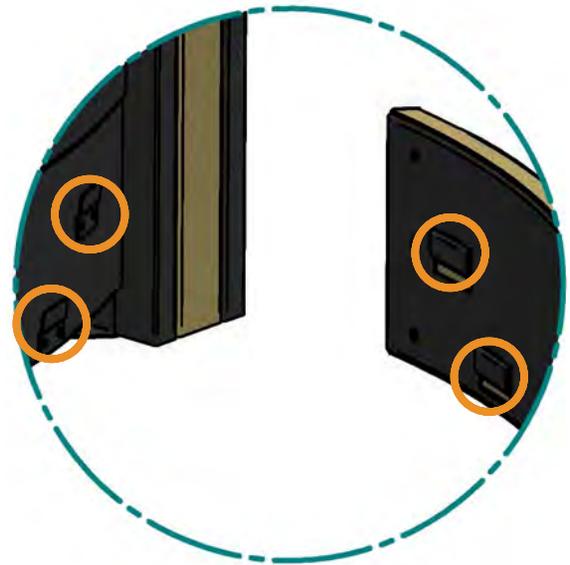
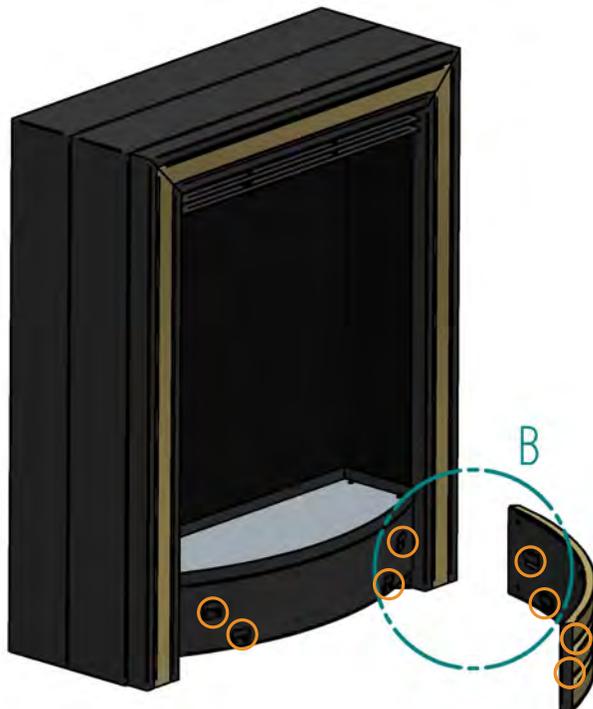
IMPORTANT: Due to the possibility of sharp edges, care should be taken when handling the frame components. The use of protective gloves is recommended.

The appliance is supplied with a one piece decorative frame that is either attached to the front of the firebox with the magnets provided, or by using the key hole slots, hook all 4 points on the rear of the frame onto the key hole slots on the front of the fire, illustrated below. Slot the decorative firefront onto the front of the fire.

The decorative frame and firefront shown in these instructions may be different to the one supplied with the appliance.



DETAIL A



DETAIL B

// 10.0 PAIRING THE REMOTE CONTROL

The ON/OFF switch is located on the front, bottom right hand side, underneath the appliance. Press the O/I button once to turn the fire on. The appliance will then automatically start with the LED flame-effect activated.

Within 1 minute of turning the power on by the main ON/OFF switch (located on the front, bottom right hand side underneath the appliance), press and hold the  and  button on the remote control for 3 seconds, to remotely pair to the appliance, the LCD only displays bL (displayed at the display temperature position) and flashes for 5 seconds, then returns to the current display state. The remote is then paired to the appliance.



// 11.0 OPERATING THE APPLIANCE

The ON/OFF switch is located on the front, bottom right hand side underneath the appliance. Your model may require pressing the O/I button once to turn the fire on.

REMOTE CONTROL

The button distribution of the remote controller is as shown on the following page, and the current state information of the electric fireplace, such as the flame effect, fuel bed, setting, temperature and time set, is displayed on the LCD screen on the remote control.

1) Standby

Turns the appliance ON/OFF standby, the default settings are: heater set to 82°F/27°C, the main flame effect is F1, the Fuel bed is L1 (no temperature display).

2) Flame & Fuel bed Control

Changes the flame effect brightness F1, F2, F3, F4, F1
(cycle adjustment)

Also changes the fuel bed brightness D1, D2, D3, D4, D1
(cycle adjustment)

3) Heater

Heater button switches to the temperature adjustment option when the weekly timing function is adjusted. Then use the  and  buttons to select the desired temperature. The temperature cannot be adjusted while the daily timer control is in use. Only the heating function can be switched.

Temperature Setting range:

Centigrade: 17°C, 18°C, 19°C, 20°C, 21°C, 22°C, 23°C, 24°C, 25°C, 26°C, 27°C, ON, 17°C (Cycle)

Fahrenheit: 62°F, 63°F, 64°F, 65°F, 66°F, 67°F, 68°F, 69°F, 70°F, 71°F, 72°F, 73°F, 74°F, 75°F, 76°F, 77°F, 78°F, 79°F, 80°F, 81°F, 82°F, ON, 62°F (Cycle)



4) Fuel Bed

Changes the colour of the fuel bed. L1, L2, L3, L4, L5, L6, L1 (cycle adjustment)

5) Sleep Timer

Adjusts the timer: 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, OF, 1H (cycle)

6) Down Light

Turns the down lighting ON, low (A1), high (A2) and OFF, (the down light symbol will be lit when it is turned on.)

7) Time and Week Settings

Press to enter the time and week timer settings.

8) Lower temperature 1°C or F°

Press this button to lower the temperature by -1°, incrementally, while the heating is turned on.

9) Raise Temperature 1°C or F°

Press this button to raise the temperature by +1°, incrementally, while the heating is turned on.

10) Date Set

To choose from Monday to Sunday or week timer mode option. Option mode: 1-2-3-4-5-6-7-A-oF.

11) Flame speed

Changes the flame speed from high, medium to low.

// 11.0 OPERATING THE APPLIANCE

Standby Button:

Turns the appliance ON/OFF standby, the default settings are: heater set to 82°F/27°C, the main flame effect is F1, the Fuel bed is L1 (no temperature display).

Changing Flame Effect:

In the power-on state, press this button, the digital screen displays the flame position and the flame indicator is bright, and the main flame position can be adjusted. The flame brightness settings are: F1, F2, F3, F4, **Set as follows:**

Button	Display	Flame Effect
1st Press	F1	High
2nd Press	F2	Medium
3rd Press	F3	Low
4th Press	F4	cycle through settings

Heating Operations:

1) Press the heater button to turn the heating function on and off and adjust the temperature setting. Heater is divided into temperature settings: 62°, 63°, 64°, 65°, 66°, 67°, 68°, 69°, 70°, 71°, 72°, 73°, 74°, 75°, 76°, 77°, 78°, 79°, 80°, 81°, 82°, ON, 62°F.(Circular operation control

2) Press and hold the heater button for 3 seconds to convert the temperature unit from °C to °F. The temperature display window will flash. After the temperature is set, the display unit will flash 5 times, then automatically save the settings and exit the setting state. After the display unit is turned on, if there is no operation within 10 seconds, the setting status is also exited.

3) Fan delay function: After the appliance is turned off, the fan will continue running for 15 seconds then stop.

Open Window Detection function: When the appliance is heating and the ambient temperature suddenly drops $\geq -5^{\circ}\text{C}$ (9°F) within 10 minutes, and the environment cannot be warmed up within 30 minutes the appliance will automatically display “OP”. The heating function will then be automatically turned off, and when the “OP” is displayed, it can be turned off and then restarted by turning off and on the appliance to clear the fault code.

4) This appliance has a non-self-resetting overheat protection device (thermal cut-out) which will activate if the air inlets or outlets are obstructed. For safety reasons the fire will NOT switch on again automatically, the following procedure must be carried out before the fire can be operated.

NOTE: The flame-effect will remain operational if the cut-out is activated, only the fan heater is prevented from working.

Switch OFF the appliance at the wall socket or outlet. Leave the fire OFF for a period of no less than 10 minutes, ensuring all obstructions are removed. Switch the appliance ON at the wall. Ensure the appliance is turned ON at the control switches. If the fire fails to operate correctly, repeat the above procedure.

Refer to section 13.0 for more information about the Safety Cut-Out System.

// 11.0 OPERATING THE APPLIANCE

Fuel Bed Colour Options:

Once powered, press the “Fuel Bed” button and the LCD screen on the remote will display the fuel bed icon. Now, the fuel bed colour can be adjusted. The different settings are: L1, L2, L3, L4; Fuel bed light. **Set as follows:**

Button	Display	Flame Effect
1st Press	L1	Orange
2nd Press	L2	Red
3rd Press	L3	Orange + Red
4th Press	L4	Orange Pulsing
5th Press	L5	Red Pulsing
6th Press	L6	Orange + Red Pulsing

Changing Fuel Bed Effect:

In the power-on state, press this button, the digital screen displays the fuel bed position and the fuel bed indicator is bright, and the main fuel bed position can be adjusted. The fuel bed brightness settings are: D1, D2, D3, D4, **Set as follows:**

Button	Display	Fuel bed Effect
1st Press	D1	High
2nd Press	D2	Medium
3rd Press	D3	Low
4th Press	D4	cycle through settings

Setting Sleep Timer:

In the timed display, press the “Sleep Timer” button to adjust the time, plus one hour for each press. (You can’t enter the weekly timing selection, you can only set the current automatic shutdown time. This function is available when the weekly timing function is turned on. Will not operate). Timing range: 1H, 2H, 3H, 4H, 5H, 6H, 7H, 8H, 9H, OF, 1H (cycle adjustment).

Down Lighting options:

Turns the down lighting ON, low [A1], high [A2] and OFF (the down light symbol will be lit when it is turned on)

Flame speed:

Press the flame speed button to changes the speed of the flames from low, medium to high.

Setting Clock and Timer:

Use the date button to choose from Monday to Sunday or week timer mode option. Option mode: 1-2-3-4-5-6-7-A-oF.

Clock setting:

1) At standby state (after the unit is plugged in and before pressing “main power”), press and hold the Setting button on the remote for 3 seconds, the digital display will then flash “00:00”.

// 11.0 OPERATING THE APPLIANCE

2) Press ⊕ on the remote control to set the hour, ⊖ press the remote control to set the minutes. 3) Press “Setting” ⚙️ to enter the setting of the week timer.

3) Press ⚙️ to enter the setting of the week timer. Press 📅 to select Sunday to Saturday,

The date symbol will light up after the day is selected. When finished, press the ⚙️ button to exit setting.

Note: The current clock must be set after the initial power-on or power-off, otherwise the clock will remain “00:00” status and you won’t be able to set the week timer function.

Heat settings:

Use remote control’s Heater button 🌡️ to select the temperature. The system default parameters are: 82°F/27°C. Press ⊕ & ⊖ buttons to select the temperature when the heating is turned on. Temperature range: 62°, 63°, 64°, 65°, 66°, 67°, 68°, 69°, 70°, 71°, 72°, 73°, 74°, 75°, 76°, 77°, 78°, 79°, 80°, 81°, 82°, ON, 62°F. (Cycle)

Timing switch ON/OFF preset:

1) While in the standby state, press the sleep timer ⏰ button on the remote for three seconds to pre set timing switch on/off the week timer. Enter mode 1, while the display is “1 ON”, the clock will be “01:00”, press ⊕ to set hour, press ⊖ to set minutes, press 📅 to set the week, every press on the 📅 will show SU, MO, TU, WE, TH, FR, SA and flash in turn, you can use the ⊕ key to select or de-select the desired date. The ▲ indicates all of the selected days. Press the “Heater” 🌡️ button to enter the temperature setting, then press the ⊕ & ⊖ button to set temperature.

2) Press “Setting” ⚙️ again to set the timer switch off, the display is 1 OFF, the clock is displayed as “02:00”, press ⊕ to set hour, press ⊖ to set minute, the date of the timer off is the same as the timer on, you can’t change this manually. After setting, press ⚙️ to enter the setting of mode 2, which operates the same as mode 1. You can set mode 1 to mode 7 with the above method. Press 🔴 or 📅 on the remote for 3 seconds to save setting and exit week timer setting.

3) After the preset timing ON/OFF switch, you can use clock/timer 🕒 button to select the desired timing mode 1-2-3-4-5-6-7- auto option, after the option shows five seconds without any operation, it will save the selected option and enter the current setting of the option, the timer logo of the display lightens and will automatically run the preset switch setting program. You can individually select each setting of modes 1–7 for automatic ON/OFF switching, or you can preset the desired settings, and then select “auto mode” for multiple preset series executions.

4) If you want to set the ON/OFF switch and temperature setting for different periods of the week, then set the switching time and temperature of each day from Sunday to Monday in mode 1–7.

After setting, use “auto mode” to run timing switch and then

system will run the week timer of 1–7 modes. You can also set 1–7 modes within 1 day, use auto mode” to run timing switch ON/OFF within one day. Be aware that when you use “auto mode”, you need to make sure the settings of times does not overlap each other, otherwise the timer will not operate.

5) After entering the week timer setting, press the 📅 button for 3 seconds to exit week timer mode, then the timer symbol will be extinguished. You can check the 1–7 timer settings by pressing the “Setting” ⚙️ button. Example: press ⚙️ to display [1 ON “01:00” temperature 80°F], press ⚙️ again to display [1 OFF “02:00” temperature 80°F]. Press the “Setting” ⚙️ button again to display [2 On “03:00” temperature 79°F] then press the Setting button ⚙️ to display [2 OFF “13:00” temperature 80°F]. The wireless remote control and the appliance must be kept within 4 meters to prevent the remote control and the appliance from failing due to the distance exceeding the effective remote control range when working at the weekly timing. After the weekly time is turned on, the remote controller automatically controls the appliance at the set appointment time.



// 12.0 SAFETY CUT-OUT SYSTEM

This appliance has a non-self-resetting overheat protection device (thermal cut-out) which will activate if the air inlets or outlets are obstructed. For safety reasons the fire will NOT switch on again automatically.

The following procedure must be carried out before the fire can be operated again:

- 1) Switch OFF the appliance *at the wall socket* or outlet. Leave the fire OFF for a period of no less than 10 minutes, ensuring all obstructions are removed.
- 2) Switch the appliance to ON at the wall.
- 3) Ensure the appliance is turned ON at the ON/OFF switches.

NOTE: During the cut-out test the fire will automatically display '88'.

If the fire fails to operate correctly, repeat steps one and two. If an attempt to switch on the appliance is made before the safety cut-out has reset, the appliance may cut-out for a further period of time.

If the sequence has been followed correctly and the appliance still fails to function, check the fuse in the wall outlet. If this is not the cause, call an electrician or maintenance engineer.

NOTE: The flame-effect will remain operational if the cut-out is activated and only the fan heater is prevented from working.

// CAUTION:

Always disconnect the appliance from the mains supply outlet socket before undertaking any cleaning or maintenance!

// 13.0 CLEANING AND MAINTENANCE

Cleaning:

For general cleaning use a soft clean duster – never use harsh abrasive or cleaners. The glass panels should be cleaned carefully with a soft cloth.

Except for periodic cleaning of dust, there are no specific requirements for care, other than regular cleaning of the general appliance. A wipe with a dry cloth is normally sufficient. DO NOT use abrasive cleaners as they can damage the finish. Make sure the heater outlet grille (located on the top, front, centre of the appliance) is kept clear of dust, pet hair and other airborne household matter. These should be vacuum cleaned periodically using a brush attachment. The LED light strips are designed and tested to last 20,000 hours.

Handset Battery Replacement

Battery Requirements:

Two (2) AAA 1.5V

- 1) Remove the battery cover and the used batteries from the back of the remote control.
- 2) Insert the two replacement batteries the correct way into the battery holder—making sure the batteries are firmly seated.
- 3) Then insert the battery cover back into position.
- 4) You will then need to pair the remote to the appliance. Please refer to section 11.0 Pairing The Remote Control.

If in doubt consult a qualified electrician. Refer to Section 3.0 Appliance Data for fuse specification. Excluding fuses, use only genuine manufacturers spare parts available from your supplier.

// 14.0 TROUBLESHOOTING GUIDE

Please reach us at service@britishfires.com if you have issues with your appliance that can't be resolved with our remedies below.

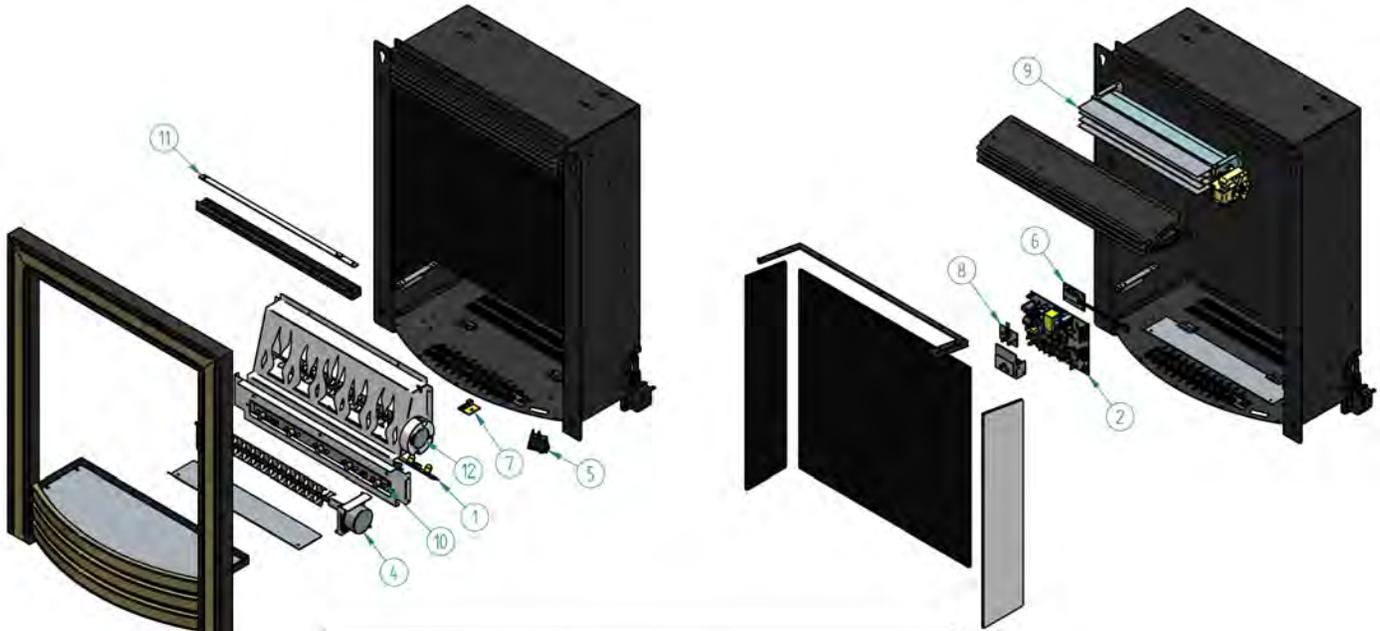
My Sway Electric Inset...	Remedy
is not switching on	Ensure mains switch is on. Replace the fuse in the plug.
is not emitting any heat	The fire is fitted with an energy saving thermostat. If the temperature in the room is higher than the temperature selected on the fire, then the thermostat will stop the heater from turning on. For example, if the room temperature is 22°C or above and the fires heater is set at 22°C, then the heater will not be required until the room temperature drops below 22°C. If this is the case select a higher temperature setting than the room's temperature and the heater will begin to operate. The safety cut-out may have been operated. Switch the appliance off, leave for 10 minutes then switch back on.
shuts off after a period of time	Check that the temperature is not set onto the lower settings. If the room is warm enough the thermostat will stop the fire switching the heat on. Check that the air inlet/outlet is blocked off. Check that the window detection sensor has not activated.
Display panel shows	88 There is a fault with the heater. Check that the temperature is not set onto the lower settings. If the room is warm enough the thermostat will stop the fire switching the heat on. Check that the air vent are not blocked off. EE There is an electrical fault. A service engineer will need to check the thermostat for any loose connections. OP The open Window Detection function is in operation, this operates when the appliance is heating and the ambient temperature suddenly drops $\geq 5^{\circ}\text{C}$ within 10 minutes, and the environment cannot be warmed up within 30 minutes, resulting in the appliance automatically displaying "OP." The heating function will then be automatically turned off, and when the "OP" is displayed, it can be turned off and then restarted by turning off and on the appliance to clear the fault code.

// WARNING:

Never connect live or neutral wires to the earth terminal of the plug.

NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket. Refer to Section 3.0, Appliance Data for fuse specification. Excluding fuses, use only genuine manufacturers spare parts available from your supplier.

// 15.0 SPARE PARTS



RECOMMENDED SPARES					
ITEM NUMBER	PART NUMBER	DESCRIPTION	ITEM NUMBER	PART NUMBER	DESCRIPTION
1	F960315	FLAME EFFECT LED	7	F960274	THERMOSTAT
2	F960267	PCB	8	F960275	FEEDBACK DISPLAY PANEL
3	F960268	HANDSET (NOT SHOWN)	9	F960561	FAN & HEATER ASSY
4	F960269	FUELBED ROTISSERIE MOTOR	10	F960562	FUELBED LED
5	F960271	ISOLATOR SWITCH	11	F960563	DOWNLIGHTING LED
6	F960273	REMOTE RECEIVER	12	F960564	FLAME EFFECT ROTISSERIE MOTOR

// 16.0 SERVICING

There are no internal user serviceable parts.

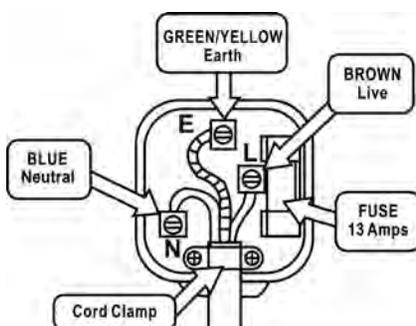
This appliances are supplied with a BS1363 3-pin plug fitted with a 13 Amp fuse. Should the fuse require replacing, it must be replaced with a fuse rated at 13 Amp and approved to BS1362. In the event of the mains plug being removed/replaced for any reason, please note :

IMPORTANT: The wires in the mains lead are coloured in accordance with the following code:

Blue	Neutral
Brown	Live
Green/Yellow	Earth

As the colours of the wires in the mains lead of this appliance may not correspond with the colour markings identifying the terminals in your plug, proceed as follows.

The blue wire must be connected to the terminal marked with an N or coloured black. The brown wire must be connected to the terminal marked with an L or coloured red. The green/yellow wire must be connected to the earth terminal which is marked with an E or with the earth symbol.

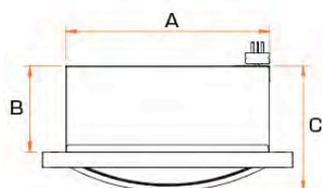


// WARNING:

Never connect live or neutral wires to the earth terminal of the plug.

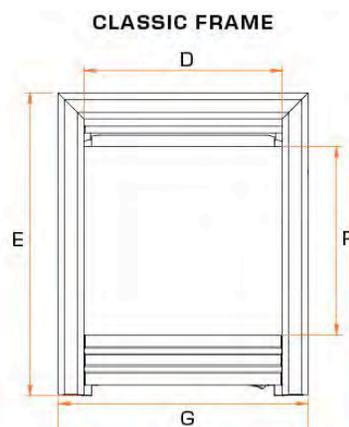
NOTE: If a moulded plug is fitted and has to be removed take great care in disposing of the plug and severed cable, it must be destroyed to prevent engaging into a socket. Refer to Section 3.0, Appliance Data for fuse specification. Excluding fuses, use only genuine manufacturers spare parts available from your supplier.

// 17.0 SWAY INSET DIMENSIONS



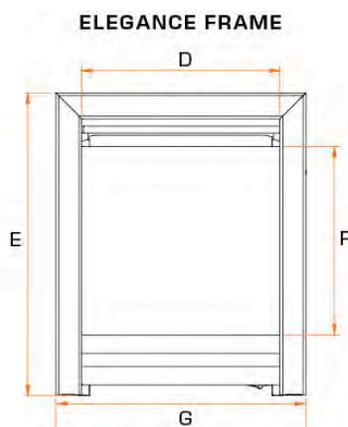
SWAY FIREBOX

A	391.0 mm
B	164.0 mm
C	240.0 mm
J	550.0 mm



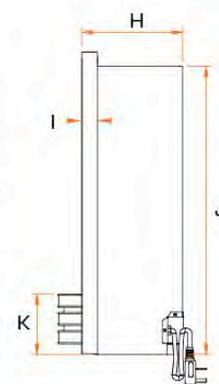
CLASSIC FRAME

D	380.0 mm
E	577.0 mm
F	359.0 mm
G	480.0 mm
H	193.0 mm
I	29.0 mm
K	116.0 mm



ELEGANCE FRAME

D	385.0 mm
E	588.0 mm
F	359.0 mm
G	493.0 mm
H	189.0 mm
I	25.0 mm
K	116.0 mm



// 18.0 GUARANTEE, TERMS & CONDITIONS

AUTOMATIC 1-YEAR GUARANTEE

We offer a standard one-year guarantee on every electric appliance.

FREE 3-YEAR GUARANTEE WITH REGISTRATION

At British Fires we pride ourselves on quality and performance, so much so that each of our appliances is eligible for a **three-year guarantee** when purchased from an authorised dealer. To cover your appliance for a further two years, free registration is required on our website www.britishfires.com/guarantee. Full warranty terms and conditions are available to view at www.britishfires.com

TERMS & CONDITIONS

All appliances must be installed in a correctly ventilated space in accordance with the manufacturer's installation instructions and the rules in force. All of our fires carry CE & UKCA Approval. February 2025. British Fires™

- 1) For any claim to be made within three years from date of purchase you will be required to provide and supply your original proof of purchase.
- 2) All appliances must have been installed and operated in accordance with the manufacturer's instructions.
- 3) Purchase(s) must be made through an authorised stockist/retailer. **Please note all consumable items such as any ceramics including; coals, pebbles, logs, bark, crystals, rear panels are not covered by the 3-year guarantee.**

During the guarantee period any appliance or component which is proved to be faulty or defective in manufacture, will be repaired or replaced free of material and labour charges, providing that we have authorised or carried out the repair or replacement.

We will not accept or reimburse the costs of any third-party who undertakes any work carried on the appliance or fits parts, unless we have approved such work in advance of it being carried out.

The guarantee period will not be extended even if we repair or replace any appliance or part.

Making a claim:

If you wish to make a claim under our guarantee and all the terms and conditions for your appliance have been met then please submit the following information for the attention of the Service Department to the address below.

Alternatively, you can email or fax. British Fires, Service Department, Reid Street, Christchurch, Dorset, BH23 2BT.

Email: Guarantee@britishfires.com **Fax:** 01202 588639.

Details required:

- 1) Name, full address including postal code and contact telephone number.
- 2) A copy of your proof of purchase (e.g. receipt or bank statement). Please note that this does not affect your statutory rights.



Waste electrical appliances should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

As our policy is one of continuous improvement and development, we therefore, hope that you will understand we must retain the right to amend details and/or specifications without prior notice.



This product complies with conformity requirements of the applicable UK Regulations.



This product complies with conformity requirements of the applicable European Regulations or Directives.



This product complies with conformity requirements of the applicable European Regulations or Directives.



Model covered by these instructions:
SWAY LED Inset Electric Fire
(EF45-16A)

This appliance is only suitable for well insulated spaces or occasional use. Please note: Except where otherwise stated, all rights, including copyright in the text, images and layout of this booklet is owned by British Fires. You are not permitted to copy or adapt any of the content without the prior written permission of British Fires. © 2025 British Fires

All instructions must be handed to the user for safekeeping.
Revision B - 03/25

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