

SILVA SPECTRA SILENCE FEELING SENSE SERENE

open flue built-in fireplaces

Installation guide and user manual







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1. INTRODUCTION

Note:

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

Please leave these instructions with the user.

This guide is concerning the following types of appliances:

- SILVA
- SPECTRA with flatfiber burner
- SPECTRA with logburner
- SILENCE, FEELING, SENSE, with logburner
- SERENE with logburner

Special features:

- Realistic flame and glow effect.
- Small flue outlet, 100 mm.
- Remote Control option on all appliances.
- A spillage monitoring system (TTB switch) is fitted which cuts off the gas, if flue is blocked or malfunctioning.
- Meets the essential requirements of the European Gas Appliance Directive (GAD) and carries the CE mark.



2. SAFETY AND GENERAL INFORMATION

Before installation, ensure that the local distribution conditions (Identification of the type gas and pressure) and the adjustment of the appliance is compatible.

This gas appliance is factory set and shall not be adjusted by the installer.

The spillage monitoring system must not be put out of operation.

This appliance does not contain any component manufactured from asbestos or any asbestos related products.

2.1 General safety

It is the law in the UK that all gas appliances, are installed by a competent person in accordance with the Gas Safety (Installation and Use) Regulations (As amended), the relevant British Standards for Installation work, Building Regulations, Codes of Practice and the manufacturer's instructions.

The installation should also be carried out in accordance with the following where relevant:

- BS8303 BS5871 Part1
- BS5440 Parts 1&2 BS715
- BS6891 BS1251
- Building Regulations Document J (as applicable).
- Building Regulations and Standards issued as relevant by the Department of the Environment or the Scottish Development Department.

In the Republic of Ireland installation should be carried out in accordance with IS813, ICP3, IS327, Building Regulations, Codes of Practice, the manufacturer's instructions and any other rules in force.



Failure to comply with the above could leave the installer liable to prosecution and invalidate the appliance warranty.

The appliance must not be installed in a room containing a bath or shower or where steam may be present.

Ventilation

No purpose provided ventilation is normally required when this appliance is installed in the UK. Where other appliances operate in the same room or space then these should be considered when sizing air vents. The spillage test in the section commissioning may indicate that purpose provided ventilation is required. Where fitted ventilation must comply with BS5440 part 2. For the Republic of Ireland the ventilation requirements may vary and if unsure then advice should be sought from the relevant authorities.

Safety instructions for the user: see chapter 9.



3. INSTALLATION REQUIREMENTS

Note:

Since the appliance is a source of heat, circulation of air occurs. Therefore it is of importance that you do not use the appliance shortly after a renovation of the home. Because of the natural circulation of air, moist and volatile components from paint, building materials, carpet etc. will be attracted. These components can settle themselves down onto cold surfaces in the form of soot.

As on all heat producing appliances, soft furnishings such as blown vinyl wallpaper placed too near to the appliance may become scorched or discoloured. This should be born in mind when installing the appliance.

3.1 Builders opening and surround

The appliance can be installed in a non-combustible fireplace or builders opening. This could be either an existing builders opening or a new made prefab builders opening. For the measurements, see figure 1 and the index.

Although the appliance is tested for installation without a hearth, the appliance must not stand on combustible materials or carpets. If the appliance is placed on a combustible floor then a fibrelux or similar heatproof board of 12 mm thickness should be placed under it. Any under floor vents or openings within the builders opening should be sealed off.

Do not place the lintel, surround or marble stone directly onto the appliance. If possible, apply a lintel made of cement or something similar.

If the builders' opening is constructed of anything other than brick e.g. stud work and rendered plaster then:

• Let the plaster dry for at least 1 day per millimetre thickness. E.g. 4 mm plaster has to dry at least 4 days, before using the appliance;



- Ventilate the space above the appliance (min. 1000 mm²);
- Always supply the appliance with a DC convection set;
- The plaster of the outside has to be resistant to a high temperature. Use therefore the plaster materials especially made for this such as Masterboard or Fibrelux, to prevent discolouring (min. 100 degrees temperature resistant);
- If the appliance is to be fitted against a wall with combustible cladding, the cladding must be removed from the area covered by the surround.
- The minimum height from the top surface of the fire to the underside of any shelf made from wood or other combustible materials is as follows:
- For a shelf up to 150 mm deep: Min. height of 350 mm (fig. 1).
- If the shelf depth is greater than 150 mm add 50 mm to the shelf clearance height for every 25 mm increase in shelf depth.
- Side clearance = Minimum distance from the side of the fire frame to combustible material = 150 mm.

On the next page you will find the dimensions of the appliances discussed in this installation manual



DIMENSIONS BUILT IN AND APPLIANCE







table 1

		Silva	Spectra	Feeling	Silence	Sense	Serene
	Builders opening (mm)						
А	Opening width	600	770	960	960	960	665
В	Opening height	715	710	649	649	649	535
С	Opening depth (min.)	370	410	385	385	385	330
	Shelf dimensions						
D	Minimum height shelf from top frame	350	350	350	350	350	350
Е	Depth shelf	150	150	150	150	150	150
	Dimensions of the appliance (mm)						
F	Box width	578	755	880	880	880	662
G	Box depth	324	361	366	366	366	330
Н	Box height	700	695	636	636	636	535
Ι	Frame width	629	790	1064	1064	1064	870
J	Frame height	727	720	678	678	678	590
Κ	Frame thickness	15	23	47	20	56	42
L	Position flue collar measured from frame	198	260	269	269	269	234
М	Position flue collar measured from back	102	98	96	96	96	96
Ν	Height underside foot to underside frame	11	20	43	43	4	-8
0	Height underside foot to builders opening	≥ N (=dimensions in the row above)					



3.2 Flue requirements

Suitable flues and flue sizes are as follows:

- flexible stainless-steel liner or pipe (to BS715). The flue connector outer collar Is for connection to a 125 mm (5 inch) internal diameter pipe or liner. The inner collar is for connection to a 100 mm internal diameter pipe or liner.
- 2) min. 100 max. 150 mm factory made insulated flue manufactured to BS 4543.
- 3) max. 225 mm x 255 mm conventional brick flue.
- 4) min. 100 mm max 175 mm diameter lined brick or stone flue.
 - o The flue, most have a positive up draught.
 - The flue must not be used for any other appliance or application.
 - Any chimney damper or restrictor should be removed. If removal is not possible, they must be secured in the fully open position.

The appliance is intended to be installed to a chimney which was previously used for solid fuel, the flue must be swept clean prior to installation. All flues should be inspected for soundness and freedom from blockages.

When installing a flexible flue liner, it must be fully contained within another flue and properly supported.

3.2.1 Terminal locations

Site in accordance with BS 5440-1:2000 and the document J Flue terminal positions for pitched roofs





No part of the flue outlet shall be less than 1.5 m measured horizontally to the roof surface, or 600 mm above the ridge.

a) Terminal locations with respect to pitch

fig. 2



4. INSTRUCTIONS FOR INSTALLATION

4.1 Gas connection

- Installation pipes should be in accordance with BS 6891 (IRL IS813).
 Pipework from the meter to the appliance must be of adequate size.
- 2) The complete installation including the meter must be tested for soundness and purged as described in the above code.
- 3) Isolation must be provided in the supply to facilitate servicing.
- 4) The connection should be made in 8 mm copper or similar semi flexible tube (max. 1 meter). Ensure that the gas pipe does not interfere with the removal or replacement of the burner tray of the controls.
- 5) The supply gas feed line should enter the appliance through one of the openings in the appliance case. Openings are at the back and right side.
- 6) The gas connection is nut and olive suitable for 8 mm pipe.
- Where a gas pipe passes through a void, wall or cavity it must be fully enclosed in a sleeve.



Gas supply routes when fire is fitted in a deep surround A & B = Behind surround - Sleeve pipe through surround C = Through wall - Pipe must be sleeved and sealed to fire

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4.2 Preparing the appliance



4.2.1 Model Silva

- Open the door by pressing against the door at the bottom right and remove the door (see fig. 4).
- 2) Remove the front by unscrewing the four screws.
- 3) Remove the glass by disassembling the securing frame (unfasten the two screws on the bottom of the frame and remove the two screws on top of the frame) (fig. 5).
- 4) Take the box with the log set out of the combustion chamber.
- 5) Remove the cable from the TTB (fig. 6)
- 6) Remove the burner chamber out of the firebox.

4.2.2 Model Spectra

- 1) Remove the front by loosening the screws A (fig. 7)
- 2) Remove the glass by removing the glass clamps (B) for instance with a screwdriver. Careful when removing the glass! (see fig. 7). Wear gloves! Before placing the glass back, be sure that there are no fingerprints on the glass, it is not possible to remove those prints after you burn the appliance or a while (they will be burnt in)





- 3) Take the box with the log set out of the combustion chamber.
- 4) Remove the cable from the TTB (fig. 6).



5) Remove the burner chamber out of the firebox

4.2.3 Model Silence, Feeling, Sense, Serene

- Open the ashtray door by pushing on the right side for the Silence/Feeling. Remove the frame by loosening the screws A behind the door (see fig. 8). Lift and pull forward when you take it away.
- 2) Remove the back panel by loosening the screws B (see fig. 9).



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3) Remove the glass by removing the glass clamps C (see fig. 10) for instance with a screwdriver. Careful when removing the glass! Wear gloves! Before placing the glass back, be sure that there are no fingerprints on the glass. hey will be burnt in.

4.3 Fitting the firebox

 Seal off the firebox with a glass fibre seal, when using a debris catcher;



- 2) Put the firebox in the fireplace opening;
- If the appliance is placed on a combustible floor then a fibrelux or similar heatproof board of 12 mm thickness should be placed under



it. Any under floor vents or openings within the builders opening should be sealed off.Slide the debris catcher on a flexible pipe;

- The floor must be sufficiently flat to enable the bottom of the front surround and door to be aligned horizontally;
- 5) The front face of the fireplace should be reasonably flat over the area covered by the firebox to ensure good sealing;
- 6) Make the gas connection according to the instructions (also see gas connection, chapter 4.1);
- 7) Connect the inner collar of the vent connector with one end of the



(flexible) flue pipe. If you use a debris catcher, connect the flexible pipe to the vent connector. The flue connector outer collar is for connection to a 125 mm (5 inch) internal diameter pipe or liner. The inner collar is for connection to a 100 mm internal pipe or liner (see fig. 11);

- Slide the pipe (with debris catcher, when used) and part of the vent connector through the hole in the firebox;
- Slide the clamping plate, with the lip upward, under the vent connector so that it stays in place;
- 10) Slide the combustion chamber in the firebox;



11) Remove the clamping plate, so that the vent connector makes contact with the combustion chamber;



- 12) Turn the clamping plate around and secure the vent connector to the combustion chamber by sliding the clamping plate into place on the combustion chamber. Make sure that the lip of the clamping plate goes in the slot on the front of the firebox (see fig. 12);
- 13) Slide the burner chamber into the firebox;
- 14) Pull the clamping plate out. The flue collar plate makes contact with the burner chamber;





- 15) Fasten the flue collar to the combustion chamber by sliding the clamping plate over the flue and in the combustion chamber;
- If necessary, place the DC convection system (also consult theinstr uction belonging to the DC construction set);
- Spread the bag of embers (imitation ashes) provided with the appliance over the burner. Do not use more than the quantity supplied. The embers glow on low setting.
 Note: there is no glow effect on the log burner.
- 18) Locate the log set (see placing log set, chapter 4.4);
- 19) Before placing the glass; check the glass sealing rope is in good condition and makes an effective seal. Be sure that there are no fingerprints on the glass. It is not possible to remove those prints after you burn the appliance for a while (they are burnt in). Place the glass in front of the appliance and fix the glass frame or use the glass clamps;
- 20) Place the door and front.

4.4 Placing the log set

Never place extra elements of any kind into the combustion chamber. To guarantee good combustion, the log set may only be installed in the way specified by Faber International. Any other arrangement can lead to soot on logs or window. Do not use the fire with broken or missing logs.



4.4.1 Model Silva



The log set consist of a rear log and five logs. Place the rear log into the U section in the back of the combustion chamber. The logs must be rest on the burner tray and the rear log. Ensure that the pilot burner remains visible after installation of the log set. When not placing the log set correctly, the flames tend to burn to the front against the window,

4.4.2 Model Spectra (flatfibre burner)



- 1) large log 28 x 10 cm
- 2) medium log 24 x 9 cm
- small log (wedge) 26 x
 8 cm

The logs set consist of a rear log, which is attached to the combustion chamber, and four logs. The logs must rest on the log holder and the rear log. Ensure that the pilot burner remains visible after positioning the log set. When not placing the log set correctly, the flames tend to burn to the front against the window.



4.4.3 Model Spectra, Feeling, Silence, Sense & Serene (log burner) On the bottom of the logs on the burners is a identification:

- 1 dimple: first log left placed over the burner and resting on the burner tray.
- 2 dimples: placed in the middle over he burner and resting on the burner tray.
- 3 dimples: the right side log placed over the burner and resting on the burner tray.
- L location on the left side resting on the rear log.
- R location on the right side resting on the rear log.

See pictures below to on how the logs should be positioned.

You are allowed to add different kind of embers on the burner tray to create your own ash bed.





fig. 17, Silence, Feeling Sense





5. REMOTE CONTROL

5.1 Remote control (if applicable)

The remote control is only meant to regulate the flames, it functions only when the pilot burner is already ignited. It is therefore not possible to ignite the appliance with the remote control or to shut-off the pilot flame.

The radio-frequency remote control is intended for fireplaces installed in a domestic setting in all EU countries, except Austria, Denmark, Finland and Greece.

Features:

- 1) Manual control will always remain possible.
- 2) The remote control is a radio frequency type and has been approved internationally.
- 3) The remote control generates a unique safety code every time you activate the transmitter, it's similar to those used in a car.
- 4) The remote control is easy to install retrospectively.

5.2 Installation remote control

- 5) Connect the transformer to the receiver box. . The adapter is set to the correct voltage in the factory 4.5 V
- 6) Slide the receiver box into the holder.

22 < < < <

- Fig. 20
- 7) Connect the wires to the gas valve. (see fig. 19).

- 8) Check that there are batteries in the transmitter.
- 9) Set the on/off switch on the receiver to "on".

Setting the right transmission code

The receiver has to learn the code from the transmitter, which is already set at the factory. However the code disappears if the receiver is disconnected for a longer period, or when you use the transmitter out of the range of the receiver for more then 15 times. Then the code doesn't match the code in the receiver

- 1) Push the "mod" button on the receiver, hold it for 3 seconds.
- 2) The green control lamp will light up and stay on. Repeat not.
- 3) Push a button on the remote control. The control lamp on the receiver should now go out.
- 4) Again push a button on the remote control. The lamp starts flashing and will switch off eventually.
- 5) The receiver now recognizes the remote control. The remote control now functions.
- 6) Check if you can hear a sound and the motor runs when you push a button on the remote control

6. COMMISSIONING (functional checks)

Note: After installation, make sure that the gaslines from gas connection to the gas control are checked for gas leakes before the appliance is used for the first time!

6.1. Check pilot ignition

- Push in and turn the control knob (A) anticlockwise to the setting ▲ (small flame). You will hear a tick meaning there is ignition. Hold the knob in and wait for a few seconds while the air is purged.
- Continue to hold in the control knob for a further ten seconds to ensure that the pilot flame is stable.
- 4) Release the knob. The pilot should remain alight.

6.2 Functional burner check

- 1) Turn knob (B) to max. clockwise.
- Turn the knob (A) more anticlockwise to the position (large flame). Now it is possible to light the main burner.
- 3) Turn knob B anticlockwise to max. The main burner should light.

24 < < < <

- 4) Check the ignition of the main burner on low and high setting.
- 5) Turn knob B clockwise till ●. The main burner is off.
- 6) Turn the knob A to \bullet . The pilot should go out.

6.3 Spillage test

- 1) Carry out the lighting procedure and turn the fire to high.
- 2) Allow to warm up for 15 minutes and then using a smoke match with holder set 100% inside the square tube on the top of the appliance between the trim and the glass frame. The installation is satisfactory if most of the smoke is drawn into the tube.
- Repeat the test with doors and windows to the premises open and closed, and with any extractor fans in the same room or adjacent rooms running on high.
- Check that any other open flued appliances and their flues in the same or adjoining rooms functions correctly when this appliance is alight.

6.4 Flame Supervision & Blocked Flue Monitoring System

The pilot unit incorporates a system, which will shut off the gas supply if the flue is faulty. If the flue is faulty, the hot flue gasses will pass over and actuate a heat sensitive switch, which will shut off the gas supply.

This monitoring system (TTB) must not be adjusted, bypassed or put out of operation. This TTB, or any of its parts, must only be exchanged using Faber International authorised parts.

Fig. 23: Gas control Block

- A. Governor
- B. Adjusting screw pilot flame
- C. Inlet pressure test point
- D. Burner pressure test point

6.5 Check setting pressure

The appliance is preset to give the correct heat input. No further adjustment is necessary. Fit a pressure gauge at the test pont C to check the input pressure. If the pressure is within the limits then carry out the burner pressure.

Fit a pressure gauge at the test point D to check the burner pressure.

The pressure should be checked with the appliance alight and at max. input. After checking the pressure, turn off the appliance. Remove the pressure gauge and close the sealing screw. Re-light the appliance. Turn to max. input and test around the test point D for gas soundness using a suitable leak detection fluid.

7. HANDING OVER (final check and customer briefing)

- 1) Instruct the customer on the full operation of the appliance.
- 2) Advise the customer how to clean the appliance including the glass.
- Instruct the customer on the operation of the remote control, including replacement of batteries and how to set the right transmissions code.
- 4) Hand over these instructions including the user guide to the consumer.
- 5) Recommend that the appliance should be serviced by a competent person at least once a year.

8. SERVICING

To ensure safety, efficient operation of the appliance, it is necessary to carry out routine servicing at regular intervals. It is recommended, that the fire is inspected/serviced by a competent person at least once a year.

Important: Turn off the gas supply before commencing any servicing. Always test for gas soundness after refitting the appliance.

8.1 Routine annual servicing

- 1) Clean (if necessary):
 - the pilot system;
 - the burner;
 - the combustion chamber;
 - the glass.
- 2) Check the log lay and replace the embers (if applicable).
- 3) Do the functional test as described at 6.2.
- 4) Check the flue system and do a spillage test as described at 6.3.

Note

- The logs contain Refractory Ceramic Fibre which when cut or broken open can irritate the skin and the respiratory tract. Always wear gloves, do not blow dust into air.
- Clean up using a vacuum cleaner equipped with a HEPA filter.
- Never place extra elements of any kind into the combustion chamber.
- To guarantee good combustion, the log set may only be installed in the way specified by Faber International BV. Any other arrangement can lead to soot on logs or window.

• Do not use the fire with broken or missing logs.

8.1.1 Cleaning the glass

Depending on the intensity of use, you can get a deposit on the glass. This can be removed with a special non abrasive ceramic glass cleaner (ceramic cook-top cleaner) as follows:

- 1) Remove the glass frame as described at 4.2.
- 2) Clean the glass. Handle the glass with clean hands or wear gloves.
- To fit the glass, proceed in reverse order. Make sure that the log set has been installed correctly before fixing the glass.

Attention:

Before placing the glass, check if the glass sealing rope is in good condition. Be sure that there are no fingerprints on the glass. Once they are burned in it is not possible to remove them.

8.1.2 Cleaning the combustion chamber and burner

You can clean the combustion chamber with a vacuum cleaner excluding the burner surface.

If the burner is visibly damaged, this can affect the distribution of the flame. If so, replace the burner.

8.1.3 Burner tray assembly

- 1) Remove the front, glass, trim, log set, grid and burner tray cover.
- 2) Break the gas supply at the control valve.
- 3) Unscrew the burner and take it out of the combustion chamber.

Fig. 24: Burner tray assembly Logburner

- A. Pilot assembly
- B. Burner
- C. Fixation plate
- D. Injector
- E. Gas control
- F. Receiver

8.1.4 Pilot/thermocouple assembly

- 1) Remove the burner tray as described above.
- 2) Now you have access to all the pilot and thermocouple parts.

8.1.5 Gas control block

8.1.6 Burner tray assembly flatfiber burner

- 1) Remove the front, glass and log holder (if applicable).
- 2) Break the gas supply at the control valve.
- 3) Remove the cable from the TTB (see fig. 6 and 8).
- Unscrew the burner assembly (8 screws) and take them out of the combustion chamber.

Attention! A sharp or heavy object can damage the burner

Fig. 26: Burner tray assembly Flat Fibre Burner

- A. The pilot and flame sensing
- B. Injector (Spectra at burner inlet)
- C. Burner tray
- D. Gas control
- E. Receiver remote control
- F. Fixing bracket
- 8.1.7 Pilot/thermocouple assembly
- 1) Remove the burner tray (see 8.1.3).
- 2) Remove the lead from the pilot spark electrode.
- 3) Break the gas pipe connection to the pilot.
- 4) Unscrew thermocouple nut from the rear of the gas control.
- 5) Unscrew pilot assembly from the burner tray (2 screws).
- 6) Replace and re-assemble in reverse order

- A. Thermocouple
- B. Spark electrode
- C. Pilot hood

8.1.8 Burner and injector

- 1) Remove the burner tray (see 8.1.3).
- 2) Remove the lead from the pilot spark electrode.
- 3) Break the gas pipe connection to the pilot.
- 4) Unscrew thermocouple nut from the rear of the gas control.
- 5) Unscrew pilot assembly from the burner tray (2 screws).
- 6) Replace and re-assemble in reverse order.

8.1.9 Combustion test

A BS7967 combustion analysis check should be carried out using an analyser to BS7927 positioned in the flue outlet, or draft diverter. A Ratio of CO/CO2 should be less than 0.01 within 30 minutes. (100ppm CO per 1% CO 2).

A reading of CO in the room centre should give a rise of less than 9ppm over ambient, peak reading.

8.2 Propane conversion

For conversion from propane to natural gas (or the other way around), you have to order a complete new propane burner unit. Contact your supplier and give the serial number from the data plate when you order.

INDEX 1 LIST OF SPARE PARTS

	Silvo		Spectra	Silence	Feeling	Sense	Sorono
	Silva	spectra	logburner	B11 LB	B11 LB	B11 LB	3616116
Description	Company	Company	Company	Company	Company	Company	Company
	Part	Part	Part	Part	Part	Part	Part
Surround Silver	20816750	A9264849	A9264849	A92788XX	A92789XX	A92790XX	-
Surround bronze	20816782	A9264882	A9264882	A9278882	A9278982	A9279082	-
Door Silver	20816650	-	-	-	-	-	-
Door bronze	20816682	-	-	-	-	-	-
Surround anthracite							20952140
outside							20055149
Surround alu inside							20853053
Glas	04508000	04506400	04506400	04508300	04508300	04508300	04510700
Burner	20817200	20900182	20900181	20900214	20900214	20900214	20900245
Log set	20772900	20773200	20773700	20796900	20796900	20796900	20853500
Receiver	20604000	20604000	20604000	20604000	20604000	20604000	20604000
Remote control	20603900	20603900	20603900	20603900	20603900	20603900	20603900
Adapter	20900142	20900142	20900142	20900142	20900142	20900142	20900142
Motor RC	37003086	37003086	37003086	37003086	37003086	37003086	37003086
Pilot assembly	20900155	20900155	20900145	20900145	20900145	20900145	37001043
Thermocouple	37002041	37002041	37002041	37002041	37002041	37002041	
Embers	20900019	20900019	20777300	20777300	20777300	20777300	20793400
Lack-spray black	0900008	0900008	0900008	0900008	0900008	0900008	0900008
Touch Latch assembly	28103900	-	-	28103900	28103900	-	-

INDEX 2 TECHNICAL DATA

Country		UK/IRL	UK/IRL	UK/IRL	UK/IRL
Cat.		I2H	I2H	II2H3+	II2H3+
Appliance		Silva	Spectra	Spectra	Spectra
				Logburner	Logburner
Appliance type		B11BS	B11BS	B11BS	
Reference gas		G20	G20	G20	B11BS
Input (nett)	[kW]	5,6	6,6	7,5	G30
Efficiency class		2	2	2	7,7
Inlet pressure	[mbar]	25	20	20	2
Gas Rate (15° C and	m3/h	0,57	0,7	0,7	29
1013 mbar)					
Reference burner	[mbar]	10	10	8	0,24
pressure					
Injector size	[mm]	2,20	2,4	2x1,70 1x 1,60	17
reduced input	[mm]	1,6	1,6	1,8	3 x 1,00
restrictor					
Pilot assembly					1,3
Туре		SIT 145	SIT 145	SIT 160	SIT 160
code		Nr 30	Nr 30	Nr 51	Nr 30
Flue size (min)		100mm	100mm	100mm	100mm
Min Flue height		3 m	3 m	3 m	3 m
Gas control		GV36-C5AOEHC68M	GV36-C5AOEHC68M	GV36-C5AOEHC68M	GV36-C5AODHC68M
Remote control					
adapter		230VAC/50HZ/5VA	230VAC/50HZ/5VA	230VAC/50HZ/5VA	230VAC/50HZ/5VA
Voltage adapter	[V]	4,5	4,5	4,5	4,5
Batteries RC		2 x LR03 Alkaline			
Gas connection		8mm nut & olive			
Dimensions: see table	e 1				

Country		UK/IRL	UK/IRL	UK/IRL	UK/IRL
Cat.		II2H3+	II2H3+	II2H3+	II2H3+
Appliance		Silence / Feeling	Silence / Feeling	Serene	Serene
		/ Sense	/ Sense		
		logburner	logburner	logburner	logburner
Appliance type		B11BS	B11BS	B11BS	B11BS
Reference gas		G20	G31	G20	G31
Input (nett)	[kW]	6,9	6,5	6.2	6.2
Efficiency class		2	2	2	2
Inlet pressure	[mbar]	20	37	20	37
Gas Rate (15° C and				0.65	
1013 mbar)	m3/h	0,72	0,24		0.24
Reference burner				10.5	
pressure	[mbar]	8	15,4		21
Injector size	[mm]	2x1,60 1x 1,50	3 x 1,00	3 x 1.40	3 x 0.90
reduced input				1.80	
restrictor	[mm]	1,8	1,1		1.00
Pilot assembly					
Туре		SIT 160	SIT 160	SIT 160	SIT 160
code		Nr 51	Nr 30	Nr 51	Nr 30
Flue size (min)		100mm	100mm	100mm	100mm
Min Flue height		3 m	3 m	3 m	3 m
Gas control		GV36-C5AOEHC68M	GV36-C5AODHC68M	GV36-C5AODHC68M	GV36-C5AODHC68M
Remote control					
adapter		230VAC/50HZ/5VA	230VAC/50HZ/5VA	N.A.	N.A.
Voltage adapter	[V]	4,5	4,5	1 x 9V	1 x 9V
Batteries RC		2 x LR03 Alkaline			
Gas connection		8mm nut & olive			
Dimensions: see					
table 1					

USER GUIDE

9. SAFETY INSTRUCTIONS FOR THE USER

9.1 General safety instructions

If a gas leak is found or suspected, turn off the gas supply at the meter and contact your installer or gas emergency service.

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

Do not use the fire with a broken or damaged glass.

The fire has a safety device which turns off the gas supply if there is a build up from flue gasses in the combustion room or a temporary gas cutoff. Wait at least 5 minutes before turning the appliance on again. Contact a qualified installer when the appliance goes off regularly

The appliance has been designed for heating purposes. This means that all surfaces, including the glass, can become very warm (over 100 °C). An exception to this is the lower side of the ash tray door and the control buttons.

Due to the newness of materials, they may give off a slight smell for a period after initial lighting. This is normal, odours will disperse after a few hours use.

Do not place curtains, clothing, laundry, furniture or other flammable materials nearby the appliance. The required minimum distance is 100 cm.

Switch off the receiver of the remote control if you don't use the fire for a long time. Do not let children use the remote control without supervision.

Important

A suitable Fireguard conforming to BS6539 and BS6778 should be used with this appliance to protect children, the elderly or infirm. Care should also be taken with pets.

In your own interest and that of safety, all gas appliances must be installed by competent persons. Installation must be in accordance with National Regulations. CORGI registered installers are required to work to recognised standards.

Note:

Since the appliance is a source of heat, circulation of air occurs. Therefore it is of importance that you do not use the appliance shortly after a renovation of the home. Because of the natural circulation of air, moist and volatile components from paint, building materials, carpet etc. will be attracted. These components can settle themselves down onto cold surfaces in the form of soot. As on all heat producing appliances, soft furnishings such as blown vinyl wallpaper placed too near to the appliance may become scorched or discoloured. This should be born in mind when installing the appliance.

We advise you to leave the pilot flame on. Leaving the pilot flame on reduces the amount of condensation when starting the appliance and increase the life time of the appliance.

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10. CONTROLLING THE APPLIANCE

10.1 Lighting the fire

If the main burner or pilot light is extinguished for any reason, **do not** attempt to relight the pilot within 5 minutes. Contact a qualified installer when the appliance goes off regularly.

We advise to leave the pilot flame on. Leaving the pilot flame on reduces condensation and increases the life span of the appliance.

The control valve is behind the door or ash pan cover. Open the door. With control button A you can light the pilot. With the control button B you can adjust the height of the flames (see fig. 26 below).

fig. 28: Gas control block front

Knob A

The • is the OFF position preventing any gas from passing through the control valve to either the pilot burner or to the main burner. By pressing the knob in it is possible to turn it anticlockwise. The first function is to turn on the gas to the pilot- this occurs just before reaching the \star position (if the fire has not been lit for some time it may be necessary to hold the knob in this position for some seconds to clear the air from the pipe and allow gas to reach the pilot burner).

Once gas is available at the pilot, continued rotation anti-clockwise will cause the piezo igniter to spark. This is accompanied by a click at the valve and should result in the pilot burner igniting. Once the pilot is lit, the control knob should be held pressed in for 10 seconds. In this time the pilot flame will have heated the flame supervision thermocouple sufficiently to operate a hold-on magnet within the valve. Now turn the control knob A to the position. This allows gas to enter control knob B.

Knob B

The \bullet is the OFF position preventing gas entering the main burner if the pilot is lit. The knob should be turned slowly anticlockwise. This allows gas to enter the burner and be ignited by the pilot flame. Once ignition has aken place, the fire may be set to any level between min. and max. by adjusting the control knob B.

10.2 To light

- Push in and turn the control knob (A) from anticlockwise to the setting ● (small flame). You will hear an ignition click. Check that the pilot is lit (if not repeat).
- 2) Continue to hold in the control knob for a further ten seconds to ensure that the pilot flame is stable.
- 3) Release the knob. The pilot should remain alight.
- 4) Turn the control knob A to the aposition.
- 5) Turn knob B slowly anticlockwise, the fire should then ignite.
- 6) Adjust flames to the required level.

10.3 To extinguish

1) For the main burner turn the control knob B clockwise to position \bullet ;

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- 2) To enable knob B turn knob A to the A position;
- To extinguish the pilot turn control knob A to position ●, although it is in order to leave the pilot permanently lit.

10.3.1 When the pilot extinguishes

Warning! When the pilot extinguishes, for whatever reason, you should wait at least 5 minutes before trying to turn it on again.

Possible causes of pilot extinguish are:

- Operating error;
- Interference of the safety device;
- Failure in the pilot flame system.

Contact a qualified installer when the appliance goes off regularly.

10.4 Remote control version

There are two types of remote controls. All models, except the Serene, are equipped with a remote control which uses radio requency for the transmission of signals. This remote control is intended for fireplaces installed in a domestic setting in all EU countries, except Austria, Denmark, Finland and Greece.

The Serene is fitted with an other kind of remote control which uses Utra Sound and works on batteries. Depending on the frequency of use, the batteries have to be replaced every year.

Both remote controls are only meant to regulate the flames from off till max.. They only functions when the pilot burner is ignited and knob A in (big flame) position. It is therefore not possible to ignite or extinguish the pilot flame with the remote control.

Features:

- Manual control will always remain possible.
- Both remote controls are internationally approved.
- The remote control which uses radio frequency generates a unique safety code every time you activate the transmitter, it's similar to those used in a car.
- Both remote controls are easy to install retrospectively.

10.4.1 To light

- Push in and turn the control knob (A) from anticlockwise to the setting ● (small flame). You will hear an ignition click. Check that the pilot is lit (if not repeat).
- Continue to hold in the control knob for a further ten seconds to ensure that the pilot flame is stable.
- 3) Release the knob. The pilot should remain alight.
- 4) Turn the control knob A to the aposition.
- 5) Set the on/off switch on the receiver to "on".

low flame

- high flame
- 6) Use ^𝔅 or ▼ (high) and ^𝔅 or ▲ (low) to achieve the desired heating and flame effect.

Fig. 29: Radio Frequency RC

Fig. 30: Ultra Sound RC

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- 7) You will hear a beep every time the receiver recognises a good signal. (If not, see paragraph 10.4.3).
- 8) When the fire is not used for a prolonged period, turn off the pilot.

10.4.2 To extinguish

- 1) Push (low) till the burner goes out and a clicking noise can be heard;
- 2) To enable the remote control turn knob A to the **•** position.
- To extinguish the pilot turn control knob A to position although it is in order to leave the pilot permanently lit.

10.4.3 Setting the right transmission code

The transmission code has been set in the factory. However the code can disappear if the receiver is disconnected for a longer period.

- 1) Push the "mod" button on the receiver and hold it for 3 seconds;
- 2) The green control lamp will light up and stay on. Repeat if not;
- Push a button on the remote control. The control lamp on the receiver should go out;
- 4) Again push a button on the remote control. The lamp starts flashing and will switch off eventually;
- 5) The receiver now recognizes the remote control. The remote control now functions;
- 6) Check if you can hear a sound and the motor runs, when you push a button on the remote control. (If not so please check the batteries).

10.4.4 Changing the batteries

There is no risk of electric shock as the low voltage supply is similar to that used in torches. Always turn off the appliance before changing batteries.

Remote control

- Remove the cover on the back of the remote control. Carefully remove the battery clip along the side.
- 2) Remove the old batteries and place the new ones:
 - 2 x AA LR03 Alkaline long life 1.5 V for the radio frequency remote control.
 - 1 x 6LR61 Alkaline 9V for the ultra sound remote control.

Pay attention to the + and - position.

- Click the battery clip into the remote control and close the cover.
- It might be possible that you have to set the transmission code after changing the batteries (see 10.4.3).

Receiver

With the ultra sound set the batteries of the receiver also have to be changed once in a while.

- 1) Remove the cover on the back of the receiver.
- Remove the 4 old batteries and place the new ones: use 4x AA Alkaline long life 1.5 V. Pay attention to the + and - position.
- Click the battery clip into the receiver and close the cover.

Note

Batteries are chemical waste and should be disposed in accordance with local regulations.

fig. 31: Radio Frequency RC back

Fig. 32:Uultra Sound RC back aher

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Fig. 33:Uultra Sound Receiver back

11. CLEANING AND SERVICE INSTRUCTIONS

Important:

- Turn off the fire and allow it to cool down before commencing cleaning.
- It is recommended that, the fire, is inspected/serviced, by a competent person at least once a year.
- To maintain the finish on the trim wipe with soft damp cloth only. Do not use abrasive cleaners, polish or solvents as these can damage the surface finish.

12. DISPOSAL OF PACKAGING AND APPLIANCE

The appliance packaging is recyclable. The packaging could include the following materials:

- cardboard;
- CFC-free foam (soft);
- wood;
- plastic;
- paper.

These materials should be disposed responsibly and in conformity with government regulations.

Batteries are considered chemical waste. The batteries should be disposed of responsibly and in conformity with government regulations. Remove the batteries before disposing of the remote control.

Information on how to responsibly dispose of discarded appliances can be obtained from the local authorities.

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