Charlton & Jenrick

Inset Electric Fire

INSTRUCTION MANUAL

Valor Range

MODEL:LEX2/LEX3/LEX4



WARNING	Read and understand this entire owner's manual, including all safety information, before plugging in or using this product. Failure to do so could result in fire, electric shock, or serious personal injury.
CAUTION	Keep this owner's manual for future reference. If you sell or give this product away, make sure this manual accompanies this product.

CONTENTS

1.	Important Safety Information	1
	2. Technical Specifications	3
3.	Parts And Hardware	4
	4. Appliance Dimensions	6
	5. Installation Instructions	6
6.	Operating Instructions	12
	6a. Manual Control Panel	13
	6b. Remote Control	12
	7. Maintenance	18
	8. Service Parts list	19

1.1 Read all instructions before using this heater!

- 1.2 This heater is hot when in use. To avoid burns, DO NOT let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9m) from the front of the heater and keep them away from the sides and rear.
- 1.3 Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- 1.4 DO NOT operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Disconnect power at service panel and have heater inspected by a reputable electrician before reusing.
- 1.5 INDOOR use only! NEVER use this heater outdoors! Doing so may result in electric shock!
- 1.6 To disconnect heater, turn controls to off, and turn off power to heater circuit at main disconnect panel.
- 1.7 DO NOT run power cord under carpeting. DO NOT cover power cord with throw rugs, runners, or similar coverings. DO NOT route power cord under furniture or appliances. Arrange power cord away from traffic area, and where it will not be tripped over.
- 1.8 DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening, as this may cause electric shock or fire, or damage the heater.
- 1.9 To prevent a possible fire, DO NOT block air intakes or exhaust in any manner.
- 1.10 A heater has hot and arcing or sparking parts inside. DO NOT use it in areas where gasoline, paint, or flammable liquids are used or stored.

- 1.11 Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury topersons.
- 1.12 ALWAYS plug heaters directly into a wall outlet/receptacle. NEVER use with an extension cord or relocatable power tap (outlet/power strip).
- 1.13 NEVER use this heater in bathrooms, laundry rooms, or any other location where the heater could fall into a bathtub or pool, become damp, or come in contact with water.
- 1.14 AVOID FIRE! Regularly inspect all air vents to make sure they are free from dust, lint, or other blockage. Unplug the unit and clean with a vacuum ONLY. DO NOT rinse or get wet.
- 1.15 NEVER hang this unit on a wall directly below an electrical outlet.
- 1.16 WARNING: DO NOT DEPEND ON THE ON/OFF SWITCH THE SOLE MEANS OF DISCONNECTING POWER WHEN SERVICING OR MOVING THE HEATER. ALWAYS UNPLUG THE POWER CORD.
- 1.17 WARNING: REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK---DO NOT USE THIS HEATER WITH ANY SOLID STATE SPEED CONTROL DEVICES.
- 1.18 For residential use only! NOT for commercial use! Any commercial or public use of this heater voids all warranties, and could cause injury.
- 1.19 This product is not intended to be a primary heat source. It is for supplemental heat only.
- 1.20 Risk of electric shock! DO NOT OPEN! No userserviceable parts inside!
- 1.21 NEVER modify this heater. Doing so could result in personal injury or property damage. Modification of this fireplace completely voids all warranties.
- 1.22 ALWAYS turn this heater off before unplugging it from the outlet.

- 1.23 ALWAYS disconnect this unit from the power supply before performing any assembly or cleaning, or before relocating the electric fireplace.
- 1.24 NEVER leave this heater unattended. ALWAYS unplug this heater when not in use.
- 1.25 ALWAYS store this heater in a dry location. NEVER use the fireplace if it has become wet.
- 1.26 ONLY use this heater on a 120V AC 15-Amp circuit. NEVER overload the circuit. If this heater trips the circuit breaker, unplug all other appliances on the same circuit before the next use. Avoid plugging other appliances into the same circuit as this heater.
- 1.27 NEVER plug this heater into an outlet that is old, cracked, or has any loose wires or connections. Plugging this heater into a faulty outlet could result in electric arcing within the outlet that could cause the outletto overheat or catch fire.
- 1.28 ALWAYS check your heater cord and plug connections with each use!
- 1.29 MAKE SURE the plug fits tight in the outlet! Faulty wall outlet connections or loose plugs can cause the outlet to overheat.
- 1.30 Heaters draw more current than small appliances. Overheating may occur even if it has not occurred with the use of other appliances.
- 1.31 During use check frequently to see if the plug outlet or faceplate is HOT! If the outlet or faceplate is HOT, discontinue use immediately and have a qualified electrician inspect and/or replace the faulty outlets.

SAVE THESE INSTRUCTIONS!

2. TECHNICAL SPECIFICATIONS

Model No. : LEX2/LEX3/LEX4 Supply Voltage: AC 120V 60Hz Maximum power consumption: 1500W Power for flame and fuel bed effect:

Model	LEX2	LEX3	LEX4
Power	40.1W	48.1W	50.1W

Power for mood light: DC12V 9W 0.75A

Heat Output:

Nominal heat output (Pnom): 1500W Minimum heat output (indicative) (Pmin): 750W Maximum continuous heat output (Pmax): 1500W

Auxiliary Electricity Consumption:

At minimum heat output (elmin): 12W

In standby mode (eISB): 0.49W

3. PARTS AND HARDWARE

- 3.1 Unpack the fire carefully and make sure that the appliance is intact with no signs of damage caused by transport and no part has been exposed to water. If in doubt, do not use the appliance and contact your retailer.
- 3.2 Keep plastic wrapping away from children.
- 3.3 Save the original packaging as this may be required in the event of service complaint with product.
- 3.4 Check that all parts are removed from the packing.





4. APPLIANCE DIMENSIONS





Model	Α	В	С	D	Е	F	G	Н
LEX2	1250	1280	402	560	214	300	15	79
LEX3	1500	1530	402	560	214	300	15	79
LEX4	1800	1830	402	560	214	300	15	79

5. INSTALLATION INSTRUCTIONS

5.1 PREPARATION BEFORE INSTALLATION

Tools Required

A screwdriver, a spirit level and drill will be needed.

Prepare the Appliance

Your new electric fireplace may be installed virtually anywhere in your home. However, when choosing a location, ensure that the general instructions are followed:

- For best result, install out of direct sunlight, water or very damp air.
- The appliance should be connected to an earthed electrical outlet and it must be easily accessible to allow disconnection.

Connect the mood light cable

Note: mood lights are not included with this appliance

The interface of the mood light cable is on the top of the appliance, near the position of the power cord. Please also check the function after connecting the mood light.

N ot e : compatible mood light devices are available from Charlton&Jenrick Ltd., and their distributors. Other brands may not be suitable and void the warranty.

Connecting the Power Supply

The power connection can be made with the 2m Mains Cable provided or alternatively it can be hard wired by unscrewing and removing the Access Plate, the Mains Cable and retention grommet. The access plate can be repositioned so that the 22mm hole sits over the cutout in top of appliance.

The 22mm hole can be used to fix a conduit connector so that the appliance can be hard wired.



Preparing the casing

The appliance can be installed in 3 different arrangements. They are as follows:

Front view (only the front window is visible)

When you unpack the appliance, you will notice that the side panels have been fixed on the appliance, which makes the appliance visible on only one front side.

Front and one side view (the front and one of the side windows are visible)

Front and two sides view (the front and both sides windows are visible)

Remove the side panels from the ends you want to view to enable duel or triple aspect as required .Then fix the edging strips using the screws taken from the removal of the side panel(s)

Removing the front glass panel

• Remove the 2c/s screws and remove the glass retaining strip as shown below.



• Use a suction cup(s) provided to support the middle of the glass panel and lift the panel upwards and pull it forwards at its lower edge. Carefully lift glass away as shown below.



5.2 Installing the Appliance

The following is only given as a general guide because it can be installed in so many ways. Provided you ensure electric connections are safely made in accordance with the codes, various materials can be used for the framework and cladding. Ensure the framing and wall finish are self- supporting and do not rely on the appliance to support framing or wall finish. Consideration should be made to soften the internal surface of any cladding to minimize that amplification of noise.

Flush Mounted Installation

• Prepare the framework as a general guide only see picture below:



		Unit:mm
Model	OW	ОН
LEX2	1260	575
LEX3	1510	575
LEX4	1810	575

. . ..

NOTE: Ensure a firm flat positioning of the appliance and secure fixing to avoid vibration and movement of the appliance after cladding.

• Push the appliance into the framework and bend out the four brackets on the upper and lower edges of the appliance, so they can fix with the screws provided to the framework.



• Cladding the framework. Note: Hard surfaces can amplify sound. Consider adding some underlay or similar to the inside surface of the cladding.



Wall mounted installation

• Remove the wall bracket from the rear of the appliance, and place it horizontally against the wall. Using the wall as a template, mark the hole position as shown in the figure below.



• Mark the position for lower brackets. Drill holes and using wall plugs prepared for the fixing of lower brackets.



- Mount the appliance carefully on the hooks of the wall bracket, secure the appliance to the wall bracket with the screws provided one into each end.
- Use four screws to fix the bottom brackets to the corresponding holes on the underside of appliance adjusting the brackets position to ensure the appliance is plumb with the wall. Fix brackets to holes previously prepared.



Laying the Fuel Bed

Lay the Glass Embers evenly over the fuel bed filter sprinkle the Vermiculite into the gaps between the Glass Embers.

Refer to the individual instruction to lay your chosen fuel bed this is included in the fuel bed carton.

6. OPERATING INSTRUCTIONS

WARNING!

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

WARNING!

To reduce the risk of fire, keep textiles, curtains, or any other flammable material a minimum distance of 1 meter from the air outlet.

MAKE SURE the plug fits tight in the outlet. Faulty wall outlet connections or loose plugs can cause the outlet to overheat.

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

PREPARATION BEFORE USE

6.1 The appliance can be operated by both remote control and the manual controls on the appliance.

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

Batteries

Ensure that the remote controls batteries are new and inserted correctly.

Main Power Switch

- 6.2 The mains power switch is located on the control panel located on the upper side of the heater outlet.
- 6.3 Press the Main Power Switch to ON (—) before operating either the remote or manual controls buttons.
- 6.4 A long beep is heard to indicate the fire is ready for use.

6a. MANUAL CONTROL

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



- 6a.1 MAIN SWITCH: Press "|" to turn on the appliance ;Press "o" to turn off it.
- 6a.2 LIGHTS ON/OFF: Press button LIGHTS ON/OFF to turn on/off flame 、 downlight fuel bed and mood light.
- 6a.3 **FLAME:** Press button FLAME to select 3 kinds of flame effect and OFF setting .If the flame was turned off by pressing button LIGHTS ON/OFF and the flame was not at OFF, the current flame effect will be memorized. Otherwise, if the flame was at OFF, press button Flame to turn on the default setting.

6a.4 **FUEL BED:** Press button FUEL BED to select 14 kinds of fuel bed effects and OFF setting. If the fuel bed was turned off by pressing button LIGHTS ON/OFF and the fuel bed was not at OFF, the fuel bed effect will be memorized. Otherwise, if the fuel bed was at OFF, press button Fuel bed to turn on the default setting.



NOTE: This is a thermostatic remote control. The remote should be in the same room as the fireplace and placed on a flat surface. It senses the room temperature, so it must not be placed in a position that allows the appliance hot air to below on it and affect the thermostatic reading.

The communication frequency between the appliance and remote has already been set up. If you have difficulty with the remote communicating with the appliance, please follow instructions Step 6b.36.

Standby for Remote Controls

6b.1 The screen shown to the right is when the remote controls is in standby mode.

Turn on/off

6b.2 Press **O** to turn on/off the appliance.

Flame Effect

- 6b.3 Press 👌 to enter the flame effect adjustment screen.
- 6b.4 Press the ' ← ' and ' → ' button to select 3 different flame colors.
- 6b.5 Press the ' ' and ' + ' button to select 5 levels of brightness and OFF setting.

Fuel Bed

- 6b.6 Press 👑 to enter the fuel bed adjustment screen.
- 6b.7 Press the '←' and ' → button to select 14 different fuel bed colors (the fourteenth is the color cycle mode).
- 6b.8 Press the '- ' and ' + ' button to select the 5 levels of brightness and OFF setting.

Mood Light

Note: If mood lights are not connected, please ensure the brightness is set to zero.

- 6b.9 Press 🔭 to enter the mood light adjustment screen.
- 6b.10 Press the ← and ' → button to select 14 different mood light colors(the fourteenth is the color cycle mode).
- 6b.11 Press the '- ' and '+ ' button to select 5 levels of brightness and OFF setting.

Normal Mode

- 6b.12 Normal control mode is factory set. If it is not, then press button M until the logo N shows up at the upper right corner of the screen.
- 6b.13 Press the ' − ' and ' + ' button to adjust the temperature from 17 °C to 25 °C
- 6b.14 Press **%A** button to turn on/off heat, **%** ON **%** OFF will show at the lower of thescreen.









NOTE: It is normal for the fan heater to stop running for periods of time. This happens because the room temperature is at or above the temperature set on the remote control. The heater indicator will be turned off after 10s if you have the flame ON. The heater indicator will stay ON if you use the heating function only.

Count Down Timer

NOTE: This setting is only for operating in normal mode. It allows the appliance to go into standby after a set period.

6b.15 Press O to cycle through the settings from 0.5 hours to 9 hours, and then OFF. The timer logo and time will show on the screen.

The heater must be in ON position.

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

Set up Day, Time and Comfort temperature.

- 6b.16 Press **O** to turn on the remote handset. Hold the button M for 3 seconds to enter the setting screen.
- 6b.17 Press the ← ' and ' → ' button to choose Day, Time or your comfortable temperature. your selection will be highlighted.
- 6b.18 Pressing the ' ' and '+ ' button will adjust the day (when highlighted), time, temperature and degree (°C or °F).
 - Time: 24-hour system
 - Select your comfortable temperature from 15 to 25°C (59 to 77°F)
 - Temperature unit: °C, °F

Daily Timer Heating

6b.19 The following are preset heating periods, which can be altered if you want

> 06:00 until 08:30 17:00 until 22:00





- 6b.20 Press Muntil D shows at the upper right corner of the screen, then enter the daily timer heating mode.
- 6b.21 Hold the button ← for 6 seconds to enter the daily timer setting. Up to 3 heating start time periods can be set.
 - Press ' ← 'or ' → 'to choose hour or minute, press ' - 'or' + 'to set the time.
 - Minute will increase/decrease by 15 minutes per press.
 - Hold \checkmark for 3 seconds or wait for 10 seconds to save and exit the heating time setting.

6b.22 Adjust the set temperature

Press the ' - or ' + button to increase or decrease the temperature to suit your comfort temperature setting.

ECO means 2℃ lower than your comfortable temperature setting,

ECO- means 4°C lower,

COMF+ means 2°C higher,

COMF++ means 4°C higher.

- 6b.23 To check your daily timer settings, press 🗸.
- 6b.24 If heating needs to be turned off, it will be necessary to go back to the Normal Mode to turn off.

Weekly Timer Heating

6b.25 The following are preset heating periods, which can be altered if you want.

From Monday to Friday

06:00 until 08:30 17:00 until 22:00

From Saturday to Sunday

06:30 until 09:30 11:00 until 13:00 17:00 until 22:00

6b.26 Press M until ₩ shows at the upper right corner of the screen, then enter the weekly timer heating mode.







- 6b.27 Hold **←** button for 6 seconds to enter the weekly timer setting.
 - Press '← or ' '→ move the cursor (a flashing underline), press the ← button in the corresponding week position to select (the character is highlighted) or cancel (the character is displayed normally) the current setting. Several days can be selected together.
 - Press the ' → ' button to move the cursor to the time period setting area. Press '←' or '→' to choose hour or minute, press ' ' or ' + ' to set the number.
 - Up to 3 heating start time periods can be set.
 - Minute will increase/ decrease by 15 minutes per press.
 - Press the
 to set the heating time for the selected day and return to the week line.
 - Hold ← for 3s or wait for 10s to save and exit the heating time period setting.
- 6b.28 Press ← , '←' and ' →' to check your weekly timer settings.
- 6b.29 If heating needs to be turned off, it will be necessary to go back to the Normal Control Mode to turn off.

Advance Mode

6b.30 Under the daily and weekly timer mode, Press: SSA

- 6b.31 To turn the heater off when the heater is on during preset heating periods.
- 6b.32 To turn the heater on when the heater is off during preset heating periods.

Adaptive Start Control

6b.33 Learning from the previous heating cycle enables the appliance to judge the appropriate advance time to turn on the heater to ensure that the set temperature is reached at the set time. For example, if your timer is set to start at 18:00 and temperature is set to 23°C, the fire may for example come on at 17:30 to ensure the room is 23°C at 18:00. Mo 10 We 11 F1 Sa Su 06:30--08:30 17:00--22:00

Mo Tu We Th Fr 🗺 🗺 06:30--09:30 11:00--13:00 17:00--22:00



Window Open Detection

- 6b.34 When the transmitter detects a rapid drop in room temperature, it will be judged as a window open, the warning icon will be displayed and the heater will be turned offautomatically.
- 6b.35 After the indoor temperature has risen or a manual override of the warning (by operating remote control) has been done, the fire will return to normal working state.

Set up the communication between the remote and appliance

- 6b.36 The operations below should be carried out before programming in the case of replacing the remote control or the appliance cannot be controlled by the remote:
 - Hold the reset button on the appliance for 3 seconds (pen Point may needed) until you hear 3 short beeps from the unit, release the button.
 - Press the O button on the remote, the programming is finished when you hear a long beep from the appliance.
- 6b.37 Resetting the code for remote control is necessary if the appliance operates wrongly or the remote control does not operate correctly.
 - Open the back cover of the remote control.
 - Press the Reset button on remote control
- . Refit the back cover of the remote control
 - Follow the steps 6b.36

Important Safety Information for Remote Controls

- 6b.38 To remove the batteries, open the back cover of the remote control to remove the batteries and replace with new one. Pay attention to the positive and negative poles.
- 6b.39 Two AAA R03 alkaline batteries are required for the remote control.
- 6b.40 Exhausted batteries are to be removed from the appliance and safely disposed of.
- 6b.41 This Non-rechargeable batteries are not to be recharged.





- 6b.42 Different types of batteries or new and used batteries are not to be mixed.
- 6b.43 Batteries are to be inserted with the correct polarity.
- 6b.44 If the appliance is to be stored unused for a long period, the batteries should be removed.
- 6b.45 The supply terminals are not to be short-circuited.

Resetting the Thermal Cut Out

6b.46 The appliance is fitted with an Electronic Safety Control (E.S.). This is a

safety device, which switches off the fire if, for any reason, the appliance overheats, e.g. when covered. If the heater stops operating while the flame effect continues working normally, this indicates that the E.S. Control is in operation. The E.S. Control can only be re-set after the appliance has cooled down, and the appliance has been reset. Re-setting of the E.S. Control proceeds is as follows:

- 6b.47 Switch off the appliance (Manual On/Off switch) and leave it of for approximately 10-15 minutes.
- 6b.48 Remove any obstruction to the fan heater outlet or fan blades etc. Make sure that the power supply is disconnected with the plug socket outlet while doing this.
- 6b.49 Switch on the appliance and the E.S. Control will be re-set.
- 6b.50 Ensure that the appliance is functioning correctly. If the E.S. Control operates again, the appliance should be checked by a competent electrician.

7. MAINTENANCE

WARNING:

Before any maintenance or cleaning of the exterior of the fireplace, the unit should be disconnected from the power supply until it is cool off.

ALWAYS turn the heater OFF and unplug the power cord from the outlet before cleaning, performing maintenance, or moving this fireplace. Failure to do so could result in electric shock, fire, or personal injury.

Remote Controls Battery Replacement

- 7.1 When the batteries are at full power, the battery symbol will show 💻
- 7.2 When the batteries are half full, the battery symbol will show 💻
- 7.3 When the batteries are out of power and need replacing immediately, the battery symbol will show

Cleaning the Fireplace

Cleaning or polishing products are not recommended. Fingerprints or other marks on the front glass panel can be removed by a piece of soft, damp, lint-free cloth with a good quality household glass cleaner.

The front glass panel should always be completely dried with a clean, lintfree cloth or paper towel. NEVER immerse in water or spray with water. Doing so could result in electric shock, fire, or personal injury.

Caution: Abrasive cleaners should not be used on the glass panel.

Liquids should not be sprayed directly onto any surface of the unit.

8. SERVICE PARTS LIST



	1250E			1500E			1800E	
Part Number	LED Board Identifier	Qty	Part Number	LED Board Identifier	Qty	Part Number	LED Board Identifier	Qty
8827		٢	8827	•	4	8827		4
8608	•	1	8644	•	1	8660	•	1
8609		2	8609		2	8609		2
8610	•	1	8645		٢	8661	•	1
8611 RC	RC07-137A	9	8611	RC07-137A	2	8611	RC07-137A	4
8612		١	8646	•	٢	8662		1
8613		Ļ	8647	•	٢	8663		1
8614		1	8648		1	8664		1
8615		-	8649		-	8665		-
8509 RC07	RC07-225A	4	8509	RC07-225A	4	8509	RC07-225A	4
8826		-	8826		-	8826		-
•		•	•		ı	8666	RC07-125A	4
•		•	8650	RC07-169A	4	I	•	
8825		1	8825		٢	8825	•	1
8625		1	8651	•	1	8667	I	1
8621 RC07-224B	224B	-	8621	RC07-224B	-	8668	RC07-167F	-
8620 RC07-156B	.156B	-	8652	RC07-167E	-	8620	RC07-156B	2
8616 RC07	RC07-193C	-	8653	RC07-191C	-	8616	RC07-193C	-
8654		-	8654		-	8654		-
8824 -		-	8824		-	8824		-
			8823		-	8823		-
8626		2	8626		2	8626		2
8619 -		2	8619		2	8619		2
8639		2	8639		2	8639		2
8640 -		2	8640		2	8640		2
8641		2	8641	•	٢	8641	•	-
8642		-	8658	•	-	8658	•	1
LEXBLK Opt	Optional	1	LEXBLK	Optional	٢	LEXBLK	Optional	~
	Optional	-	LEXSWK	Optional	-	LEXSWK	Optional	-
LEXDWK Op	Ontional	,	LEXDWK	Optional		LEXDWK	Optional	, -





Distributed in Canada and USA exclusivelyby

Valor Fireplaces – Head Office: #190, 2255 Dollarton Hwy, North Vancouver, BC V7H 3B1 Phone: 604.984.3496 Email: info@valorfireplaces.com

Manufactured by Charlton & Jenrick Ltd Unit D, Stafford Park 2, Telford, Shropshire, TF3 3AR, UK. Tel: ++ 44 1952 200 444 Fax ++ 44 1952 200 480 w: www.charltonandjenrick.co.uk e: sales@charltonandjenrick.co.uk