



# USER GUIDE

**LR111 (444441207)**

**ISU111 (444441208)**

## **Introduction**

Thank you for buying this high quality appliance.

This handbook is designed to help you through each step of owning your new appliance, from installation to use.

Please read through all of this guide carefully before you start using your appliance, as we have endeavoured to answer as many questions as possible, and provide you with as much support as we can.

If, however, you should find something missing, or not covered, please contact the Lec Medical Customer Care team who will be only too happy to assist you on:

**0844 815 3755**

Our policy is one of constant development and improvement, therefore we cannot guarantee the strict accuracy of all of our illustrations and specification changes may have been made subsequent to publishing.

## Contents

Installation & start-up	4
Using your appliance	5
Defrosting	6
Cleaning your appliance	7
Reversing the door	8
Safety and servicing	9-11
Troubleshooting and Hints	12-13
After sales	14
Disposal	14
About your product	15

## **Installation & start-up**

**Before installing and using your new appliance please read through the instructions supplied with your appliance - failure to install or use this appliance in accordance with the instruction book may invalidate your warranty.**

**REMOVE ALL PACKAGING** external and internal from the appliance including any strips of adhesive tape, plastic bags and pieces of packing foam from inside the cabinet.

**INSTALL** the appliance in a well ventilated room and **DO NOT** place your appliance in direct sunlight or close to a heat source such as radiators or heaters. The appliance should **NOT** be placed in an unheated room where the ambient temperature is above or below that for which the product was designed to operate in as this will affect the performance of the appliance. This can be checked by looking at the data plate, located inside the cabinet.

**ENSURE** there is adequate ventilation all around the cabinet, ensuring there is a gap of 50mm around the sides, 75mm at the rear and 25mm at the top.

**LEVELLING THE APPLIANCE** Make sure the cabinet does not 'rock' and that it stands level. Do not install onto carpeted surfaces as this prevents adequate ventilation. This appliance must stand vertically on a flat, even surface; to level the appliance use the levelling feet by turning them until the appliance is as level as possible.

**DO NOT** expose the appliance to damp conditions, open air or rain.

**DO NOT** lift the appliance by the pipes or the door when moving.

**LET THE COOLANT SETTLE** Prior to switching on, leave your appliance to stand for 2-3 hours to allow the coolant fluid time to settle.

**BEFORE YOU PLUG IN AND SWITCH ON** check that the voltage of the appliance is the same as your supply, the voltage of the appliance will be found from the data plate situated inside the cabinet.

**DOOR OPENING** In order to maintain the correct temperatures inside your appliance keep door opening to a minimum and do not leave the door standing open.

***Should the appliance become damaged, please contact Lec Medical customer care and do not use the appliance until you are instructed to do so by a service engineer.***

## Using your appliance

Once you have installed your appliance in an appropriate location, follow the start up procedure below:

Leave the appliance to stand for 2-3 hours to allow the refrigerant to settle following installation and cleaning. If the appliance has been transported horizontally it must be left to stand vertically for 12 hours before installation.

Plug the appliance into the socket.

Turn the thermostat to the required setting – a medium setting is usually suitable.

Leave the appliance empty and switched on for at least 4 hours before storing anything inside to allow a sufficient temperature to be reached.

*N.B. Regular turning off may shorten the life of the appliance.*

### **USING YOUR APPLIANCE**

The thermostat is located at the rear of the appliance.

To reduce the temperature inside the appliance, turn the thermostat towards 6 maximum.

To increase the temperature inside the appliance, turn the thermostat towards 1 minimum.

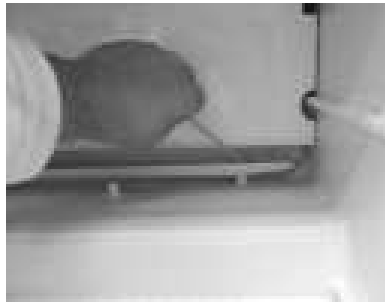
Depending on the ambient temperature of the room the appliance is in, you may need to adjust the thermostat accordingly.

<b>CONDITION/REASON</b>	<b>SETTING ADJUSTMENT</b>
Refrigerator too cold	Adjust temperature control one setting lower
Refrigerator too warm	Adjust temperature control one setting higher
Freezer too cold	Adjust temperature control one setting lower
Freezer too warm	Adjust temperature control one setting higher

## Defrosting

### REFRIGERATOR (LR111 ONLY)

Your appliance has an automatic defrost system which requires no special operations on the part of the user. The defrost water will fall into the trough underneath the bottom edge of the cold plate and run down the drain into the plastic defrost water evaporation tray sitting on top of the compressor.



*Image for illustration purposes only*

It is important that the drain does not become blocked. If the drain does become blocked, remove the lower shelf and clear the blockage with a piece of soft wire or plastic such as a pipe cleaner or straw.

### FREEZER (ISU111 ONLY)

Your freezer should be defrosted when there is a frost build up of 5mm. A thick layer of frost on the inside of your appliance will make it less efficient and affect freezing performance.

Before defrosting, unplug the appliance. Use a plastic spatula to carefully scrape off any soft residue of surface frost. DO NOT scrape with a sharp instrument, or use artificial heat which may cause damage. Leave the door open and allow the freezer to defrost. Defrosting can be assisted by placing a bowl of hot water inside your appliance and closing the door as far as possible.

When defrosting is complete, mop up any surface water, clean the appliance and dry thoroughly before reconnecting to the mains supply.

## **Cleaning your appliance**

Your cabinet is easy to keep clean. Regular cleaning is important for hygiene reasons. Before attempting any type of cleaning, always switch off the appliance and pull out the mains plug.

**EXTERIOR:** Use a good wax furniture polish to clean your cabinet's exterior. Make sure that the doors are closed, to prevent polish getting on the magnetic door seal or inside. Do not use an aerosol polish as the spray may damage plastic parts. The condenser (black grille at the back) can be vacuumed using a soft brush attachment (this applies to the ISU111 only).

**INTERIOR:** Before using for the first time, and periodically, the interior of your appliance should be cleaned. Remove all drugs, vaccines samples etc. from the cabinet and store them in a controlled temperature environment. Remove all the shelves, baskets, drawers and door fittings. Wipe the inside with a soft cloth dampened with lukewarm water mixed with a little mild detergent. Rinse with clean warm water and dry thoroughly with a soft cloth. Avoid water getting into any electrical fittings, switches, lights etc. as this may cause serious electrical damage.

The magnetic door seal may be cleaned using warm soapy water and then dried thoroughly.

Do not use wire wool, solvents, scouring powders or disinfectants of any kind.

After cleaning, plug in and switch on the appliance then leave for at least 4 hours before storing anything inside to allow a sufficient temperature to be reached.

## Reversing the door



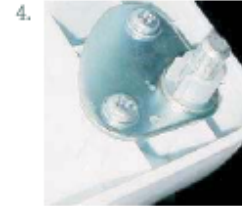
1. Undo the screws and remove the hinge bracket from the base. A spanner may be required to loosen the bolts first.



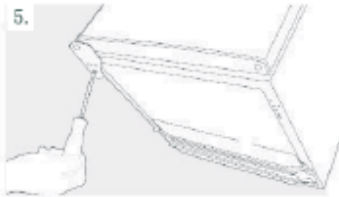
2. Remove the screws and bracket from the opposite side and fit back to where the hinge bracket was.



3. Slide the door down and off the top hinge pin and lift away from the appliance.



4. Remove screws and hinge bracket and refit on opposite side.



5. Slide the Appliance door back on to the top hinge making sure its the right way up. Screw the bottom hinge into place on the new side.

Check that door is aligned horizontally and vertically and that the seals are closed on all sides before finally tightening the bottom hinge. Re-adjust the levelling feet.





## Safety and servicing

### **THIS APPLIANCE MUST BE EARTHED**

If this appliance is fitted with a non-rewirable plug for which your socket is unsuitable the plug should be cut off and an appropriate plug fitted.

The removed plug must be disposed of as insertion of the plug into an electrical socket is likely to be dangerous.

### **ELECTRIC PLUG WIRING (UK ONLY)**

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

GREEN AND YELLOW - EARTH

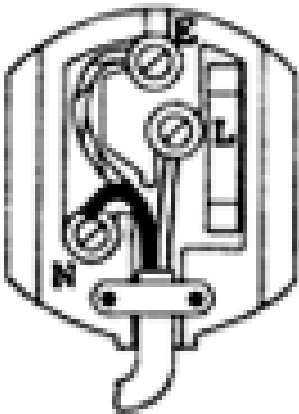
BLUE - NEUTRAL

BROWN - LIVE

Connect BLUE to NEUTRAL (N)

Connect GREEN & YELLOW to EARTH (E)

Connect BROWN to LIVE (L)



CONNECT GREEN & YELLOW coloured wire to plug terminal marked 'E' or earth symbol or coloured green or green and yellow.

CONNECT BLUE coloured wire to plug terminal marked 'N' or coloured black.

CONNECT BROWN coloured wire to plug terminal marked 'L' or coloured red.

If it is necessary to change the fuse in a moulded plug and the fuse cover is detachable, it must be refitted after the fuse has been changed. If the fuse cover is lost or damaged the plug must not be used until a replacement is obtained.

It is important that the colour of the replacement fuse cover corresponds with the coloured insert or as indicated in embossed words on the base of the plug. Replacement fuse covers are available from the Spares Department, Glen Dimplex Professional Appliances, at the address on the rear cover of this leaflet.

If the plug supplied becomes damaged it must be replaced with a new one.

When a non-rewirable plug or rewirable 13 Amp (BS 1363) plug is used it must also be fitted with a 13 Amp ASTA approved (BS 1362) fuse. If any other type of plug is used it must be protected by a 15 Amp fuse either in the plug or at the distribution board.

RADIO INTERFERENCE: This appliance complies with current British and European Standards and CE Directives.

### **SAFETY NOTES**

Always read these instructions fully before using the appliance for the first time and install this appliance in line with these instructions.

Ensure that the appliance is earthed.

Ensure that the appliance is disconnected from the mains supply before attempting to remove light covers (if fitted).

Ensure that the appliance is disconnected from the mains supply before cleaning internally or defrosting.

Do not store corrosive substances in or near to the appliance.

Do not allow unsupervised children to use this appliance. Do not allow children to play, sit or hang onto any part of the appliance.

Do not remove items from the freezer with wet hands, the low temperatures may cause 'freezer burn'.

Do not place fizzy drinks in the freezer compartment as the containers may burst.

The manufacturer does not accept any liability for damage caused through improper use, or incorrect installation.

Do not install this appliance if it has been damaged during transportation. This includes the plug and power supply cord.

Always remember to unplug the appliance before cleaning. When disconnecting from the electricity supply, pull the plug, not the power cord.

Do not use any electrical appliance inside the vaccine/chemical storage area - unless they are recommended by the manufacturer.

All electrical repairs must be carried out by a qualified electrician. Inadequate repairs may result in a major source of danger for the user and invalidate any warranty.

Never store anything dangerous inside the appliance, such as flammables, combustibles, explosives, strong acid and alkali etc.

Always keep any ventilation openings clear of obstruction. Should they become blocked, clear them straight away.

Make sure that the plug is in an accessible place when installation is complete and remove all packaging.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Refrigerating appliances might not operate consistently when sited for an extended period of time below the cold end or above the high end of the range of temperatures of the appliance.

**Warning:** Do not allow the refrigerant circuit to become damaged while using or installing. Should it become damaged, do not use the appliance until you are instructed to do so by a service engineer. Refrigerant can ignite or cause damage to the eye when leaking.

## **Troubleshooting and Hints**

If your appliance is to be out of service for any length of time ensure that the interior is carefully cleaned and dried. Leave the door open and disconnect the plug from the mains socket.

Carry out regular cleaning according to instructions.

### **Problem:**

#### **The appliance does not work at all**

Check that the appliance is plugged in and that the power is on.

Check that the fuse is intact.

Check that the plug is not damaged

Check that the voltage is correct for the appliance

Check there has not been a power cut by checking the household or surrounding lights

#### **The appliance is noisy**

Check that the appliance is level.

Check that the appliance is not touching nearby items such as furniture or other objects.

“Whooshing” and “Gurgling” noises caused by the refrigeration system are perfectly normal and cannot be avoided.

#### **The appliance is not meeting the correct temperature**

Check that the door is shutting and sealing correctly. Check the frequency of door openings. If opened too often this can cause the compressor to run for some time.

Check that the appliance is not too close to a heat source (such as radiator).

Check that the appliance is not overloaded with products. The appliance requires space between stored items in order for the air to circulate correctly.

Check that there has not been a sudden rise or fall in temperature. Your appliance is designed to operate in an ambient temperature between 18°C and 38°C.

Check that the appliance is positioned correctly. It should be positioned away from direct sunlight.

Check that the thermostat is set to a suitable temperature.

Check that the ventilation grille and/or condenser has not become blocked (if fitted).

There should be a minimum of 50mm clearance around the sides, 25mm at the top and 75mm of clearance at the back to allow free circulation of air.

**The outer surfaces of the appliance are wet**

Caused by condensation - dry the outer of the appliance carefully

**The inner surfaces of the appliance are wet**

The door is opened frequently, or kept open too long.

Caused by condensation - dry the inside of the appliance thoroughly.

**Excess frost and ice has built up**

Check that the door has not been left open.

Check that the door gasket is clean and undamaged

## **AFTER SALES**

If service should be required please contact the supplier of the appliance. Give them the date of purchase, the model and serial number (found on the DATA PLATE inside the appliance) and state the nature of the fault.

## **DISPOSAL**

If you are disposing of an old cabinet, break off any latches, locks and hinges as a safeguard against small children trapping themselves inside. Remove any plugs and power leads to ensure that the appliance is inoperative.

The refrigeration system contains insulating gases and refrigerant which will require specialist disposal. Most components can be recycled. Always contact your local council or authority for information regarding the correct disposal/removal of old appliances, do not dispose of with household waste.

Warning: When disposing of an old appliance make sure that the pipe work does not become damaged.

Much of the packaging supplied with your appliance can be recycled, or disposed of without any harm to the environment. Cardboard may be crushed, or cut into smaller pieces if required for recycling or disposal.

Up to date information concerning options for disposal of packaging can be obtained from your supplier or local council/authority.

## **ABOUT YOUR PRODUCT**

Model	LR111	ISU111
Width (mm)	545	545
Depth (mm)	600	590
Height (mm)	845	845
Net volume (litres)	112	82
Climate class	ST (18°C - 38°C)	ST (18°C - 38°C)
Refrigerant type	R600a	R600a

These appliances operate at a voltage of 220 - 240V ~ 50Hz.



**GLEN DIMPLEX  
PROFESSIONAL APPLIANCES**

Glen Dimplex Professional Appliances

(A Division of Glen Dimplex Home Appliances)

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