



# USER GUIDE

**L6046W 60cm Larder**

# Introduction

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**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 Customer Care team who will be only too happy to assist you on:

**0870 458 4386**

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



***WARNING!***

In order to ensure normal operation of your appliance, which uses a completely environmentally friendly refrigerant R 600a (flammable) you must observe the following rules:

- Do not restrict circulation of air around the appliance.
- Do not use mechanical devices in order to accelerate the defrosting, other than those recommended by the manufacturer.
- Do not damage the refrigeration circuit.
- Do not use electric appliances inside the food storage compartment, other than those that have been recommended by the manufacturer.

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# Getting To Know Your Appliance

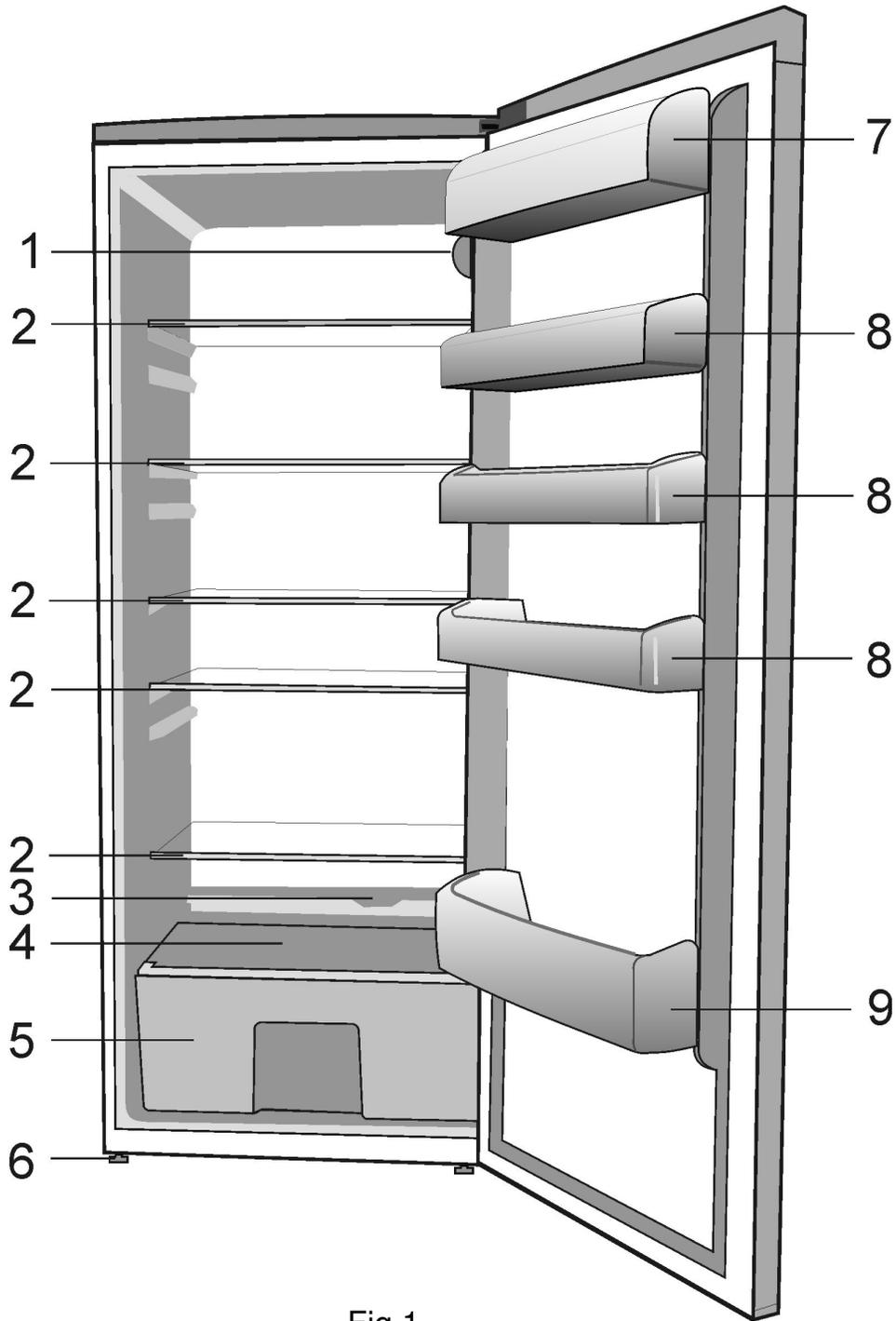


Fig 1

# General Installation & Maintenance

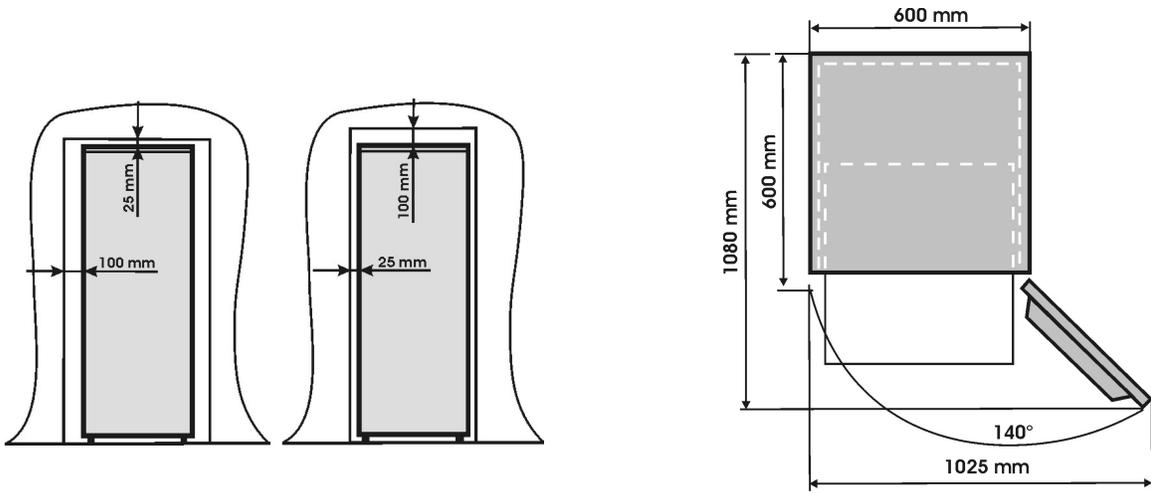


Fig 2

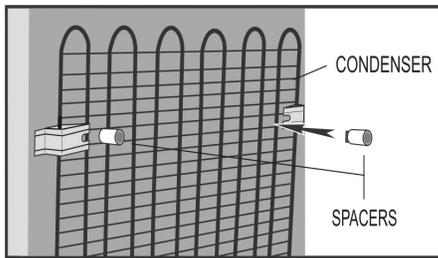


Fig 3

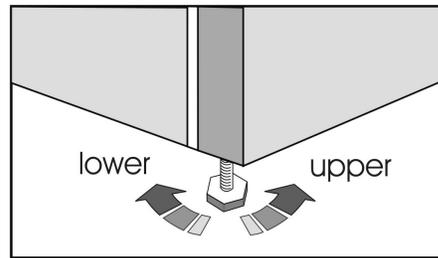


Fig 4

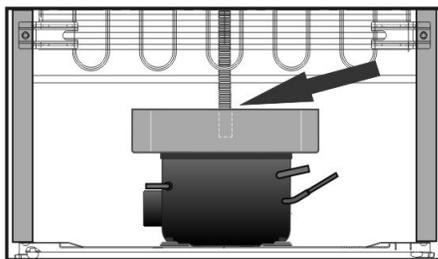


Fig 5

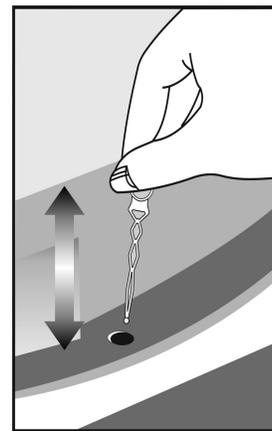


Fig 6

# Repositioning The Door

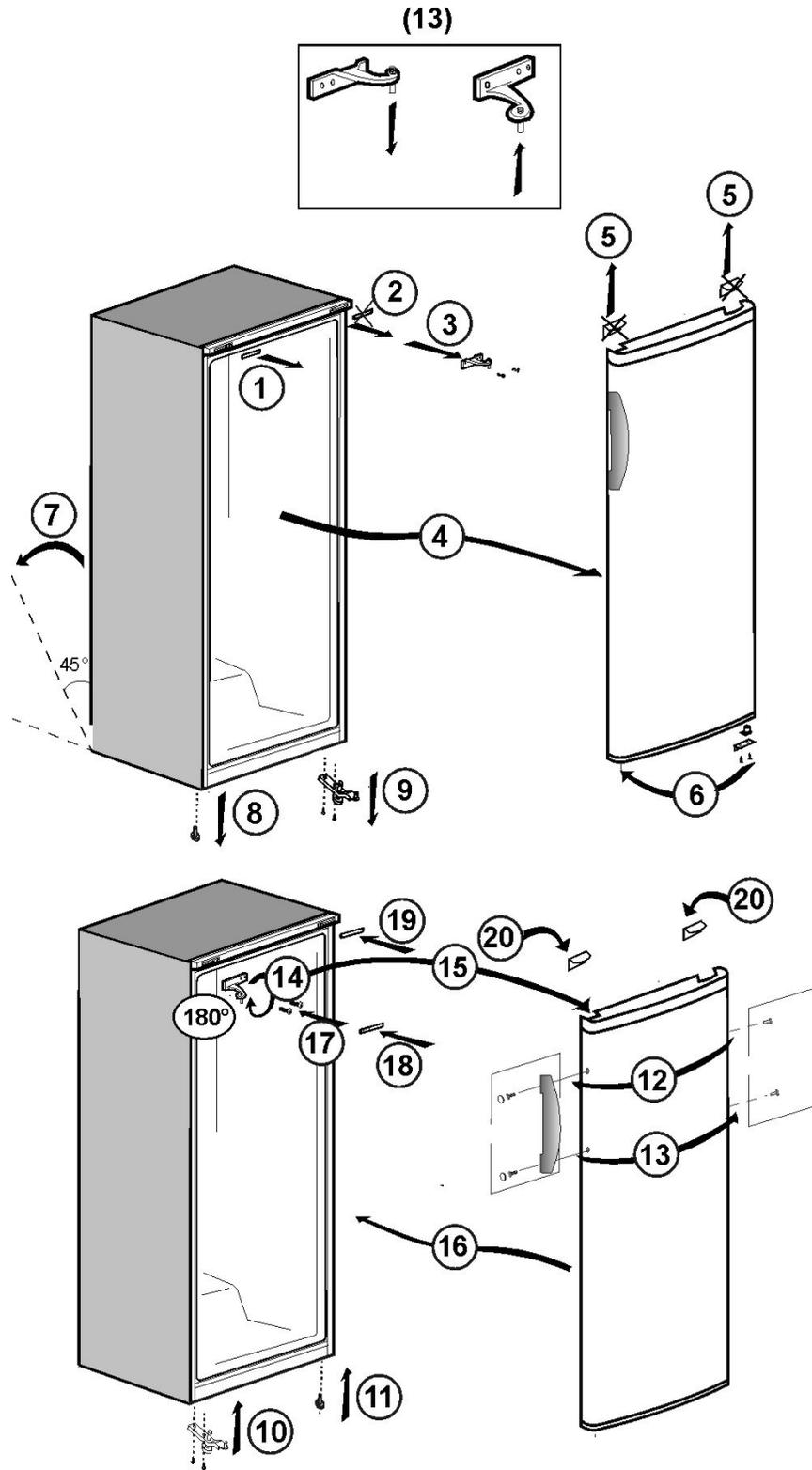


Fig 7

Congratulations on your choice of a **LEC** Quality Appliance, designed to give you many years of service.

### ***Safety first!***

Do not connect your appliance to the electricity supply until all packaging and wrapping has been removed.

- Leave to stand for at least 12 hours before switching on, to allow the refrigerant to settle.
- If you are discarding an old appliance with a lock or latch fitted to the door, break or disable the lock to ensure that it is left in a safe condition to prevent children becoming trapped inside.
- This appliance must only be used for its intended purpose.
- Do not set fire to this appliance. Your appliance contains non CFC substances in the insulation which are flammable. We suggest you contact your local authority for information on correct disposal and available facilities.
- We do not recommend use of this appliance in an unheated, cold room. (e.g. garage, conservatory, annex, shed, out-house etc.)

To obtain the best possible performance and trouble free operation from your appliance it is very important to read these instructions carefully. Failure to observe these instructions may invalidate your right to free service during the guarantee period.

Please keep these instructions in a safe place for easy reference.

### Electrical requirements

Before inserting the plug into the electric socket make sure that the voltage and the frequency shown on the data badge inside the appliance corresponds to your electricity supply.

We recommend that this appliance is connected to the mains supply via a suitably switched and fused socket which is in a readily accessible position following installation.

#### **Warning! This appliance must be earthed.**

Repairs to electrical equipment should only be performed by a qualified technician. Incorrect repairs carried out by an unqualified person carries risks that may have critical consequences for the user of the appliance.

#### **ATTENTION!**

This appliance operates with R 600a which is an environmental friendly but flammable gas. During the transportation and fixing of the product, care must be taken not to damage the cooling system. If the cooling system is damaged and there is a gas leak from the system, keep the product away from ignition sources and ventilate the room.

**WARNING** - Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

**WARNING** - Do not damage the refrigerant circuit.

**WARNING** - Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.

### Transportation instructions

1. The appliance should be transported only in an upright position. The packing as supplied must be intact during transportation.
2. The appliance should not be operated for at least 12 hours after installation, to allow the system to settle.

3. Failure to comply with the above instructions could result in damage to the appliance, for which the manufacturer will not be held liable.
4. The appliance must be protected against rain, moisture and cold.

#### **Important!**

- Care must be taken while cleaning/carrying the appliance not to touch the bottom of the condenser metal wires at the back of the appliance, as this could cause injury to fingers and hands.

- Do not sit or stand on top of your appliance as it is not designed for such use. You could injure yourself or damage the appliance.

**WARNING** - Make sure that the mains cable is not caught under the appliance during and after moving, as this could damage the cable.

- Do not allow children to play with or on, the appliance or tamper with the controls.

### Installation instructions

1. Do not keep your appliance in a room where the temperature is likely to fall below 10 degrees C (50 degrees F) at night and/or especially in winter, as it is designed to operate in ambient temperatures between +10 and +32 degrees C (50 and 90 degrees F). At lower temperatures the appliance may not operate, resulting in a reduction in the storage life of the food.
2. Do not place the appliance near cookers or radiators or in direct sunlight, as this will cause extra strain on the appliance functions. If installed next to a source of heat or freezer, maintain the following minimum side clearances:
  - From Cookers 30 mm
  - From Radiators 300 mm
  - From Freezers 25 mm
3. Make sure that sufficient room is provided around the appliance to ensure free air circulation (**Fig 2**).
  - Open the door of your appliance ensure that there is enough space to allow the door to open properly. (**Fig 2**).
  - Fit spacers on the condenser as per **Fig 3**.

4. The appliance should be positioned on a firm, flat surface. The two front feet can be adjusted as required. To ensure that your appliance is standing upright adjust the two front feet by turning clockwise or anti-clockwise, until firm contact is secured with the floor. Correct adjustment of feet prevents excessive vibration and noise (**Fig 4**).
5. Refer to "Cleaning and Care" section to prepare your appliance for use.

### **Getting to know your appliance (Fig 1)**

- 1 - Thermostat and lamp housing
- 2 - Adjustable Cabinet shelves
- 3 - Water collector
- 4 - Crisper cover
- 5 - Crispers
- 6 - Adjustable foot
- 7 - Dairy Compartment
- 8 - Shelf for jars
- 9 - Shelf for bottles

### **Suggested arrangement of food in the larder fridge**

Please follow the guidelines below in order to get the best results from your appliance:

1. This appliance for the short-term storage of fresh food and drinks.
2. Dairy products should be stored in the special compartment provided in the door liner.
3. Cooked dishes should be stored in airtight containers and are best kept on either of the removable shelves.
4. Fresh wrapped produce can be kept on the shelf. Fresh fruit and vegetables should be cleaned and stored in the crisper bins.
5. Bottles can be kept in the bottle holder in the door.
6. To store raw meat, wrap in polythene bags, and place on the lowest shelf. Do not allow to come into contact with cooked food, to avoid contamination. For safety, only store raw meat for two to three days.
7. For maximum efficiency, the removable shelves should not be covered with paper or other materials allowing free circulation of cool air.
8. The shelves positions can be adjusted. Lift shelf clear of rear stops when adjusting.
9. Do not keep vegetable oil in door shelves. Keep food packed, wrapped or covered. Allow hot food and beverages to cool before refrigerating. Do not store explosive substances in the refrigerator. High proof alcohol must be stored upright in sealed containers. Leftover canned food should not be stored in the can.
10. Some fruit and vegetables suffer damage if kept at temperatures near 0 degrees centigrade. Therefore wrap pineapples, melon, cucumbers, tomatoes and similar produce in polythene bags.

### **Temperature control and adjustment**

The internal temperature can be adjusted by turning the thermostat control knob.

The temperatures inside the appliance can vary depending on the ambient temperature, how often the door is open, how full the appliance is and where the appliance is located. The setting of the thermostat can be changed to take any of these factors into account. Generally, for a temperature of 25°C (77°F), the thermostat will be set to a medium position.

Try not to set thermostat to a maximum position (coldest) as this may involve the appliance running continuously. This can cause the temperature inside the appliance to drop too low, in some cases below 0°C, which leads to the formation of frost and some food items freezing. All of the above could involve a decrease of the refrigerating efficiency (increase of the power consumption).

### **Before operating**

#### **Final Check**

Before you start using the appliance check that:

1. The feet have been adjusted as required.
2. The interior is dry, and air can circulate freely around the ventilation gaps.
3. The interior is clean as recommended in the "Cleaning and care."
4. The appliance is plugged into an appropriate electrical socket, and switched on. When the door is open the interior light will come on showing the appliance is working.

#### **Note that:**

5. You will hear a noise as the compressor starts up. The liquid and gases sealed within the refrigeration system may also make some noises, whether the compressor is running or not. This is quite normal.
6. Slight undulation of the top of the cabinet is quite normal due to the manufacturing process used; it is not a defect.
7. We recommend setting the thermostat knob midway and monitor the temperature to ensure the appliance maintains desired storage temperatures (See section Temperature Control and Adjustment).
8. Do not load the appliance immediately after it is switched on. Wait until the correct storage temperature has been reached. We recommend checking the temperature with an accurate thermometer (see; Temperature Control and Adjustment).

## Defrosting

This appliance defrosts automatically. The defrosting water runs to the drain tube via a collection channel and is evaporated in a special container at the back of the appliance. (Fig 6).

During defrosting, water droplets may form at the back of the appliance where a concealed evaporator is located. Some droplets may remain on the liner and refreeze when defrosting is completed. Do not use pointed or sharp-edged objects such as knives or forks to remove the droplets, or frost, which have refrozen.

If, at any time, the defrost water does not drain from the collection channel, check that no food particles have blocked the drain tube. The drain tube can be cleared by pushing the special plastic plunger provided down the drain tube.

Check that the tube is always stored with its end in the collecting tray on the compressor to prevent the water spilling on the electric installation or on the floor (Fig 5).

## Replacing the interior light bulb

Should the light bulb require replacing, switch off at the socket outlet and pull out the mains plug.

Un-screw the securing screw at the rear of the lamp housing using a no.1 pozi screw driver, check the condition of the lamp if it is blown replace with E14 screw-cap type 15-watt (max) lamp from your local electrical store and refit in reverse order. Dispose of the blown lamp correctly.

## Repositioning the door

Proceed in numerical order (Fig 7).

## Cleaning and care

1. We recommend that you switch off the appliance at the socket outlet and pull out the mains plug before cleaning.
2. Never use any sharp instruments or abrasive substances, soap, household cleaner, detergent or wax polish for cleaning.
3. Use luke warm water to clean the cabinet of the appliance and wipe it dry.
4. Use a damp cloth wrung out in a solution of one teaspoon of bicarbonate of soda to one pint of water to clean the interior and wipe it dry.
5. Make sure that no water enters the temperature control box.
6. If the appliance is not going to be used for a long period of time, switch it off, remove all food, clean it and leave the door ajar.
7. Any dust that gathers on the condenser, which is located at the back of the appliance, should be removed once a year with a vacuum cleaner.
8. Check door seals regularly to ensure they are clean and free from food particles.
9. Never:
  - Clean the appliance with unsuitable material; eg petroleum based products.
  - Subject it to high temperatures in any way,
  - Scour, rub etc., with abrasive material.
10. Removal of dairy cover and door tray :
  - To remove the dairy cover, first lift the cover up by about an inch and pull it off from the side where there is an opening on the cover.
  - To remove a door tray, remove all the contents and then simply push the door tray upwards from the base.
11. Make sure that the special plastic container at the back of the appliance which collects defrost water is clean at all times. If you want to remove the tray to clean it, follow the instructions below:
  - Switch off at the socket outlet and pull out the mains plug.
  - Gently remove the stud on the compressor, using a pair of pliers, so that the tray can be removed.
  - Lift it up.
  - Clean and wipe it dry
  - Reassemble, reversing the sequence and operations

**Do's and don'ts**

- Do-** Clean and defrost your appliance regularly.
- Do-** Keep raw meat and poultry below cooked food and dairy products.
- Do-** Keep food for as short a time as possible and adhere to "Best Before" and "Use by" etc. dates.
- Do-** Take off any unusable leaves on vegetables and wipe off any soil.
- Do-** Leave lettuce, cabbage, parsley and cauliflower on the stem.
- Do-** Wrap cheese firstly in greaseproof paper and then in a polythene bag, excluding as much air as possible. For best results, take out of the fridge compartment an hour before eating.
- Do-** Wrap raw meat and poultry loosely in polythene or aluminium foil. This prevents drying.
- Do-** Wrap fish and offal in polythene bags.
- Do-** Wrap food with a strong odour or which may dry out, in polythene bags, or aluminium foil or place in airtight container.
- Do-** Wrap bread well to keep it fresh.
- Do-** Chill white wines, beer, lager and mineral water before serving.
- Don't-** Store bananas in your fridge compartment.
- Don't-** Leave the door open for long periods, as this will make the temperature inside the appliance increase.
- Don't-** Cover the shelves with any protective materials which may obstruct air circulation.
- Don't-** Store poisonous or any dangerous substances in your appliance. It has been designed for the storage of edible foodstuffs only.
- Don't-** Consume food which has been refrigerated for an excessive length of time.
- Don't-** Store cooked and fresh food together in the same container. They should be packaged and stored separately.
- Don't-** Let defrosting food or food juices drip onto other food.

### **Information about operating noises**

To keep the selected temperature constant, your appliance occasionally switches ON the compressor.

The resulting noises are quite normal.

As soon as the appliance has reached the operating temperature, the noises automatically reduce in volume.

The humming noise is emitted by the motor (compressor). When the motor switches ON, the noise may briefly increase in volume.

The bubbling, gurgling or whirring noise is emitted by the refrigerant as it flows through the pipes.

A clicking noise can always be heard when the thermostat switches ON/OFF the motor.

A ticking noise may occur when

- the automatic defrosting system is active.
- the appliance is cooling down or warming up (material expansion).

If these noises are excessively loud, the causes are probably not serious and are usually very easy to eliminate.

- The appliance is not level - Use the height-adjustable feet or place packing under the feet.
- The appliance is not free-standing - Please move the appliance away from kitchen units or other appliances.
- Drawers or shelves are loose or sticking - Please check the detachable components and, if required, refit them.
- Bottles and/or receptacles are touching each other - Please move bottles and/or receptacles away from each other.

### **Troubleshooting**

If the appliance does not operate when switched on, check;

- That the plug is inserted properly into the electrical socket and that the power supply is on. (To check the power supply to the socket, plug in another appliance)
- Whether the fuse has blown/circuit breaker has tripped/main distribution switch has been turned off.
- That the temperature control has been set correctly.
- That the new plug is wired correctly, if you have changed the fitted, moulded plug.

If the appliance is still not operating at all after above checks, contact the dealer from whom you purchased the unit.

Please ensure that above checks have been done, as a charge will be made if no fault is found.

**Technical data**

Brand	<b>LEC</b>
Appliance type	<b>LARDER FRIDGE</b>
Model	<b>L6046W</b>
Total gross volume (l.)	295
Total usable volume (l.)	286
Energy class (1)	A
Power consumption (kWh/year) (2)	171
Noise [dB(A) re 1 pW]	40
Ecological refrigerating agent R600a 24g	
(1) Energy class : A . . . G (A = economical . . . G = less economical)	
(2) The real power consumption depends on using conditions and appliance location.	

### Changing the plug

Your fridge freezer is fitted with a fused three pin plug which will be suitable for use in all residences fitted with sockets to current specifications.

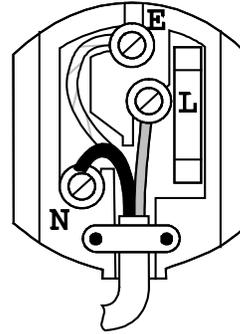
The fridge freezer runs on an electricity supply of 220-240 V 50Hz and must be earthed. If the plug is removed it should not be re-used, but thrown away immediately. A cut off plug can be dangerous if plugged into a socket.

If the plug supplied becomes damaged it must be replaced with a new one and the flexible mains lead connected as shown .

Note: Only 13 amp fuses approved to BS 1362 A.S.T.A. should be used. After replacing or changing a fuse, the fuse cover in the plug must be replaced.

Connect BLUE to  
NEUTRAL(N)

Connect GREEN &  
YELLOW to EARTH (E)



Connect BROWN  
to LIVE (L)

make sure the cable  
is held by the clamp

Do not push excess mains lead into the compressor (motor) compartment as this may cause an electrical hazard.

# Service Record

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Please record your model number and serial number in the space below. Having these numbers to hand will help us to help you, quickly and more efficiently.

When contacting us, please use the Customer Care number on the back cover of this handbook

Model Number									
Serial Number									

Date of purchase	Installers stamp / Printed name	Date of installation
Place of purchase:		

Date	Part(s) replaced	Engineers Stamp/ Printed Name



Lec Refrigeration

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