Getting to know your appliance

Before you switch on

consider the location

The room must have a volume of 1m³ for every 8g of refrigerant R600a inside the appliance. The quantity of gas in the appliance can be found on the data plate.

To help you avoid pushing your elan too far back against a wall, a spacer has been provided. It fits as shown below.

unpack your elan

Remove all external and internal packing.

decide on the door opening

The door can open on its right or left hand edge to suit the location, see the section on reversing the door opening.

clean your elan

We recommend that you clean your elan before use, refer to the section 'Cleaning your elan.'

leave your elan for 2 hours

Before switching on leave your elan upright for 2 hours to allow the coolant fluid time to settle.

ensure your elan is level

Where fitted, adjust the rotating feet at the front. A very slight backward lean will ensure that the door closes better.

Your elan product has been designed to operate in the following room temperatures:

Larder between 10°C and 32°C

Refrigerator between 16°C and 32°C

Do not locate your elan near a heat source, e.g. cooker, boiler or radiator. Avoid placing in direct sunlight. An unheated garage or outbuilding is also inappropriate.

When installing it is important to keep a minimum clearance of 25mm (1") all around the cabinet to allow for ventilation.
Plug in and switch on

The elan runs on an electricity supply of 220-240 V 50Hz and must be earthed.

Plug in the elan and switch it on at the socket.

To turn your elan off, simply switch it off at the socket.

going on holiday

If you're going on holiday you may wish to leave your fridge or larder running, alternatively, switch off, empty, clean and dry your elan and leave the door propped open to allow the free movement of air.

run your elan for 24 hours

Your elan is tested and inspected before leaving the factory. Unfortunately damage may occur during transportation. Switch on for 24 hours to check it is functioning properly before using it to store food.

Temperature controls

adjusting the thermostat

The internal temperature of your elan is controlled by a thermostat as shown below.

The dial has 6 temperature settings. When your elan was manufactured the dial was set to between 3 and 5, the correct setting for normal room temperature. You can adjust the temperature by turning the dial.

Setting 6 will make the fridge or larder coldest.

It may not operate at the correct temperature if it is in a particularly hot or particularly cold room or if you often open the door.

you can check the temperature

A few days after you start using your elan you may wish to check it is running at the correct temperature. You'll need a special Fridge/Freezer thermometer. These are available from most supermarkets and hardware shops.

Temperature controls

Check the thermostat knob is set between 3 and 5. Put the thermometer in the coldest part of your fridge or larder (just above the salad bin) or in the icebox. You should be able to read it quickly, without moving it when you open the door. Close the door and leave it overnight.

The next morning, read the temperature. It should be between 0°C and 5°C in the fridge, -12°C or below in the icebox of 2 star refrigerators and -6°C or below in 1 star refrigerators. If it isn't, adjust the thermostat dial half a number (e.g. from three and a half to four).

110 litre refrigerators have iceboxes rated as one star, 132 litre, or greater, refrigerators have iceboxes rated as two stars.

Using your elan efficiently

how to use the defrost tray

In fridges, the defrost tray ensures that your elan always runs efficiently. The table below shows which position the flap should be in.

<table>
<thead>
<tr>
<th>Fridge size</th>
<th>Flap</th>
<th>A very cold room</th>
<th>Average temp. room</th>
<th>A very warm room</th>
</tr>
</thead>
<tbody>
<tr>
<td>110 litre</td>
<td>Out</td>
<td>In</td>
<td>Out</td>
<td>In</td>
</tr>
<tr>
<td>132 litre</td>
<td>Out</td>
<td>Out</td>
<td>Out</td>
<td>In</td>
</tr>
<tr>
<td>212 litre</td>
<td>Out</td>
<td>Out</td>
<td>In</td>
<td>In</td>
</tr>
</tbody>
</table>

fully adjustable shelves

All the fittings on the door of your elan can be adjusted. This gives the flexibility to arrange them in a way which suits you best. They are removed by sliding up and pulling out.
Using your elan efficiently

Food storage

To prevent transfer of flavours and drying out, food should be separately packed or covered. Fruit and vegetables need not be wrapped.

Always let pre-cooked food cool down before you put it in your elan. This will stop the internal temperature of your elan from rising.

Leave space around food, this will allow cold air to circulate.

Cooked meats should always be stored on a shelf above raw meats to avoid bacterial transfer. Keep raw meats on a plate which is large enough to collect juices and cover it with cling film or foil.

Do not exceed the manufacturer’s recommended storage times for frozen foods. Generally, a one star frozen food compartment will store frozen food safely for up to one week, a two star compartment will store frozen food safely for up to one month.

Cleaning your elan

on the outside

Use a good wax furniture polish to clean your elan’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 grill of the condenser at the back can be vacuumed using a brush attachment.

on the inside

Regular cleaning will keep your elan free from bacteria and germs, ensuring healthier food storage.

• Switch off and unplug from mains supply.
• Remove all the shelves, salad drawers and door fittings.
• Wipe the inside with a soft cloth dampened with a solution of one teaspoon of bicarbonate of soda to one litre of warm water. Rinse with clean warm water and dry thoroughly.
• After replacing shelves, salad drawers and door fittings, plug in and switch on the mains supply.

Take care to avoid the light and thermostat control. Water could cause serious electrical damage.

Do not use soaps, wire wool, scouring powder or disinfectants of any kind.

Defrosting your elan

larders

Your larder refrigerator automatically defrosts regularly, every time it finishes a cooling cycle. The defrost water will collect in the trough, located at the back of the larder. It is important to keep the defrost drain (the small hole in the middle of the trough) clear, otherwise defrost water will overflow onto the inside floor of the larder refrigerator. If the drain does become blocked you can clear it by carefully using a flexible rod such as a pipe cleaner or net curtain wire.

fridges

The fridge should be defrosted when there is a frost build up in the icebox of half a centimetre, or about half the thickness of your finger. A thick layer of frost on the inside your elan will make it less efficient and consume more electricity.

• Switch off and unplug your elan from its electricity supply.
• Use the plastic spatula to carefully scrape off any soft residue of surface frost. DO NOT scrape with a sharp instrument, which may cause damage.
• You can keep some foods frozen by wrapping them well in an old blanket or newspaper or a cooler bag / box if you have one. Remember that, although wrapped, the food will undergo a rise in temperature and this may reduce its storage life.
Defrosting your elan

For 1 star size cabinets, the drip tray should be placed on the top shelf, immediately under the ice box. Its purpose is to catch water from the ice as it defrosts.

For 2 star cabinets the drip tray is located on the runners immediately below the frozen food compartment.

The baffle panel should be placed as shown below when defrosting. It directs the water into the drip tray.

Note. Some models have a loose plastic panel in the base of the drip tray, in addition to the baffle plate. This panel ensures the correct operation of your elan and must be replaced after cleaning and defrosting.

Changing the plug

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

The elan 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 below.

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. If lost, replacement fuse covers are available for a nominal charge from:

Spares Department, Lec Refrigeration plc, Bognor Regis, West Sussex, PO22 9NQ
Tel 01243 863161.

connect BLUE to connect GREEN & NEUTRAL (N)
connect BROWN to LIVE (L)
connect YELLOW to EARTH (E)

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.

Your elan conforms with the requirements of EEC Directive No. 821499/EEC & BS 800-1983 relating to radio interference suppression.

Changing the internal light

Before carrying out the bulb replacement always switch off and disconnect the electricity supply.

- Remove the light’s translucent cover by holding it firmly and pushing on the small arrow to release the catch and sliding the cover back in the direction of the arrow to remove it.
- Remove the old bulb by unscrewing in an anti-clockwise direction.
- Replace with a new bulb (15W SES) by screwing it in a clockwise direction making sure that it is secure in the bulb holder.
- Replace the cover and re-connect your elan to the electrical supply and switch on.

212 litre fridges

To remove the light cover, insert a small screwdriver blade between the housing and the translucent cover at the centre and prise it until free.

To replace the light cover, locate cover in slot at front of housing. Insert thumb between cover and housing at the centre and spring rear edge of cover upwards into slot at rear.
Reversing the door opening

Remove all the shelves (where fitted) from the inside face of the door. They slide upwards and then unslot.

Tilt your elan on its back, protect it with some of its polystyrene packing or other soft object.

Unscrew any adjustable feet.

Remove the bottom hinge, front foot and/or adjustable foot support by removing the two screws from each.

Slide the door towards the bottom (disengaging the top hinge pin) and lift it off.

On free-standing (larger size) models, remove the two screws from the top hinge pin. On under worktop models the top hinge is a push-in pin.

Swap the position of the top hinge pin bracket or pin to the other side of the cabinet.

Slide the door back into position on the top hinge.

Replace the bottom feet on the opposite sides from which you removed them. On models with no adjustable foot, please take care that the hinge side foot is put back the right way round, with the screw position pointing towards the back of the cabinet.

Stand your elan upright. Check that the door opens properly and is aligned with the cabinet. Check that the magnetic seal fits snugly all round and there are no gaps.

If adjustment is required lay it on its back again and adjust the two screws in the top hinge pin. On underworktop models, the only adjustment that can be made is with the foot plates.

Note: Some models have door handles and blanking plugs for the opposite side which have to be removed and relocated on the opposite side of the door.

Leave your elan upright for 2 hrs before switching it on, to allow the coolant liquid time to settle.

Useful 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 as described previously.

Do not pack shelves too tightly or obstruct the even distribution of cold air.

Do not leave the cold control at its coldest setting longer than necessary, freezing of the contents may occur.

Do not pack shelves too tightly or obstruct the even distribution of cold air.

Do not leave the cold control at its coldest setting longer than necessary, freezing of the contents may occur.
Troubleshooting

**your elan rattles**
This could be because it is not standing level, or not standing on all four feet. Try adjusting the levelling foot / feet.

See that vibration noises are not caused by objects in contact with your appliance and each other.

**not working / stops cooling**
Check it is plugged in and switched on. Check the fuse in the plug has not blown.

**the cabinet is too warm**
The compressor may not be working. Turn the thermostat up to number 6. If there is no humming noise, it is not working.

**noises**
‘Whooshing’ or ‘gurgling’ noises from the circulation of refrigerant liquid is not a fault.

**your elan makes a humming noise**
This is the normal running of the compressor. If it is on continuously your elan is probably getting too warm. This may be caused by warm weather, the door being left open too long, a rise in room temperature, a damaged door seal or a door not ‘hanging’ properly (an uneven gap can be seen above the door). Check all these things. Try adjusting the front feet to correct door hanging problems.

**door adjustment**
The door can be adjusted by following the door adjustments paragraph in reversing the door opening section page 11.

**water on the floor of the larder**
This may be due to the defrost drain being blocked. The drain may be cleared by carefully using a flexible rod such as a pipe cleaner or net curtain wire.

**internal light doesn’t work**
There may be a power supply problem. The bulb may need replacing.

If the ideas given above have not solved the problem, call customer service. Do not attempt repairs on your own, particularly on electrical components.

**Safety**

Your elan contains isobutane R600a, a gas with high environmental compatibility but which is also combustible. When transporting, installing or disposing of your elan care should be taken to ensure that no parts of the refrigerating circuit are damaged. Refrigerant squirting out of the pipes could ignite or cause an eye injury.

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 flammable, corrosive or explosive substances in the appliance.

Do not allow unsupervised children to use this appliance.

Do not remove items from the icebox with wet hands or eat lollies directly from the icebox. Low temperatures may cause ‘freezer burn.’

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

If there is a power cut, the food in the icebox in the fridge may start to thaw. To help prevent this it can be wrapped as if the fridge is being defrosted. If the power cut is of such a duration that the food does begin to thaw it should be used or thrown away.

Do not re-freeze food that has thawed.

**Disposal**

Your cabinet is CFC, HFC and HCFC free and therefore has no ozone depletion potential (zero ODP). However, all refrigeration appliances should be disposed of in a responsible manner. Ensure that none of the pipes on the back of the appliance are damaged prior to disposal. Up to date information concerning options for disposing of your old appliance and packaging from your new appliance can be obtained from your retailer or local council office.
Customer service

Before contacting Customer Services please ensure you have read the troubleshooting guide on page 12 to see whether you can eliminate the problem yourself.

If you have a problem you cannot resolve, initially you should contact your retailer as they may be responsible for servicing your Lec elan. If not, contact the Customer Service Department of Lec.

When you call customer service you will be asked to confirm which range and model you have. Look at the data plate sticker on the inside of your elan, at the bottom in the back left hand corner, this records the model and serial number. Make a note of them below as this information is required.

Information required:

Model number: .................................................................
Serial number: ..............................................................
Date purchased: ..............................................................

Please note down some other information which may be useful:

Name of shop where purchased: ...........................................

Purchase price: ..............................................................
(for insurance purposes)

specification

In accordance with our policy of continual improvement, we may alter the specification without notice. Should you sell or pass the Lec elan to someone else, make sure that this guide is also provided.

contact numbers

Should you require any further information regarding your Lec elan or any of our other products, please contact us at the address below.

Customer Services Department,
Lec Refrigeration plc,
Bognor Regis, West Sussex. PO22 9NQ
Telephone 0845 450 4845
(calls charged at local rate)
Service Fax (01243) 826295
E-mail service@lec.co.uk
www.lec.co.uk

servicing

Repairs and maintenance of the appliance should only be performed by a qualified engineer.

Lec Guarantee

Your Lec elan is made from the very best materials to the highest standards of manufacture and has been extensively tested and inspected before leaving our factory. It conforms with current British and European Electrical Safety Standards. It is guaranteed for one year from the date of purchase, against mechanical and material defects, with the exception of light bulbs.

In the event of a defect to which this guarantee applies, please produce your receipt (as proof of purchase) to your supplier, who will make the necessary arrangements for rectification as quickly as possible.

This guarantee does not apply if:
• The elan has been improperly installed or used in a manner contrary to the operating instructions issued with it.
• The elan has been treated in an abnormal or abusive manner.
• The elan has been used for industrial or commercial purposes.
• Any repair work has been carried out by any person other than a Lec approved engineer.
• Any parts have been fitted which are not genuine Lec approved parts.
• The elan has been modified in any way or the serial number has been removed or altered.
• Any toxic or corrosive products have been used or stored in or near to the elan.

Without prejudice to the rights of the buyer no liability is accepted for any consequential loss or damage resulting from failure of the elan or for any reason whatsoever. You are strongly advised to insure under the special Lec Food and Freezer Scheme which is enclosed with this guarantee or which is obtainable from the company.

Acceptance of this guarantee does not affect your statutory rights: Consumer Transactions (Restrictions on Statements) Order 1976.

This guarantee is applicable only in the United Kingdom and Channel Islands.