

USER MANUAL



EfficienC Bottle Cooler Range



Please read and
keep these
instructions

Applicable Models:

BC6097K/BC6097ST

BC9097K/BC9097ST



1 - IMPORTANT INFORMATION

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Useful Information

We strongly recommend that you spend some time to fill in the information below and keep it in a safe place. This will save you time if you need to contact our After Sales team.

IMPORTANT: The Model Number, Product Code and Serial Number can all be found on the data plate located on the interior of your appliance.

Model Number:

B	C							
---	---	--	--	--	--	--	--	--

Product Code:

4	4	4	4	4				
---	---	---	---	---	--	--	--	--

Serial Number:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Date of Purchase:

		/			/				
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Purchased from:

.....

**Please take some time to fill in the information above and keep it in a safe place.
This will save you time if you need to contact our After Sales team.**



Thank you for purchasing this Lec Commercial Bottle Cooler. Whilst unpacking, please carry out the following actions

- Check the bottle cooler has not been damaged in any way during transportation. If any damage is found, it **MUST** be reported to our After Sales department **immediately** by calling 0844 815 3755.
- When unpacking the appliance, ensure that all packaging has been removed, including cardboard, polystyrene and any tape used to hold the shelves in place during transportation.
- The bottle cooler has been cleaned prior to dispatch; however, **we advise** that it should be cleaned before use. We recommend a solution of one teaspoonful of Bicarbonate of soda added to one litre of lukewarm water, before rinsing with clean lukewarm water, and drying thoroughly. Alternatively, add a mild detergent to lukewarm water and then rinse with clean lukewarm water.
- When unpacking is complete, **we recommend that the appliance should stand for 2 hours** to allow the refrigerant to settle.

Warranty

How to activate your Warranty

This Lec Commercial ECA approved bottle cooler comes with a 2 years Parts and Labour warranty from the date of purchase.

Registering your product and activating your Lec Commercial warranty couldn't be easier. Do not hesitate to call 0844 815 3755, and after choosing the After Sales option, one of our advisors will be happy to assist you with this.

Alternatively, you can register your product online at www.lec-commercial.co.uk. Simply click on the 'Our Warranty' tab located towards the top of the page and then choose the 'Activate Warranty' option from the drop down menu.

In the unlikely event of breakdown, please us on 0844 815 3755 and choose the After Sales option for assistance.

Remember: You will need to quote the serial number of this unit. This can be found on the dataplate on the inside of the door.

Extended Warranty

Also, we now offer customers the opportunity to purchase Extended Warranty for added piece of mind. Details of this can be found on our website at www.lec-commercial.co.uk or by calling our After Sales team on 0844 815 3755.

Positioning your Lec Commercial bottle cooler

When positioning your Lec Commercial Bottle cooler, please ensure you have taken into account the following factors:

- In order to conserve electricity, do not put your appliance near a source of heat, such as a radiator. Try to avoid locations where the appliance could be exposed to direct sunlight.
- An unheated location such as a cellar is undesirable as it may cause frost build up and slow defrosting. It may also cause excessive condensation on the outer surface of your cabinet.
- The cabinet should be placed on a hard flat surface for ventilation. The feet must be adjusted so that the cabinet stands firm and level with a slight tilt from front to back, to prevent any defrost water dripping from the front.
- Ensure that the appliance has sufficient clearance around it to provide adequate ventilation – 10cm at each side, 6cm at the rear and 2.5cm at the top.
- The internal temperature of this appliance is affected by location, room temperature, and frequency of opening the door. The factory settings of the electronic control (thermostat) are set to allow for these conditions. This appliance is designed to operate in ambient temperatures between +16°C and +38°C. Operating outside of these temperature parameters may cause the appliance to perform out of specification.



Electrical Connection

The appliance is intended for connection with alternating current. The connection values for voltage (V) and frequency (Hz) are declared on the name plate in the cabinets. Power must be connected via a wall socket with a switch. It is strongly recommended that the wall socket is accessible. The cabinet plug and wall socket should give correct earthing. If in doubt, please contact your local supplier or an authorised electrician.

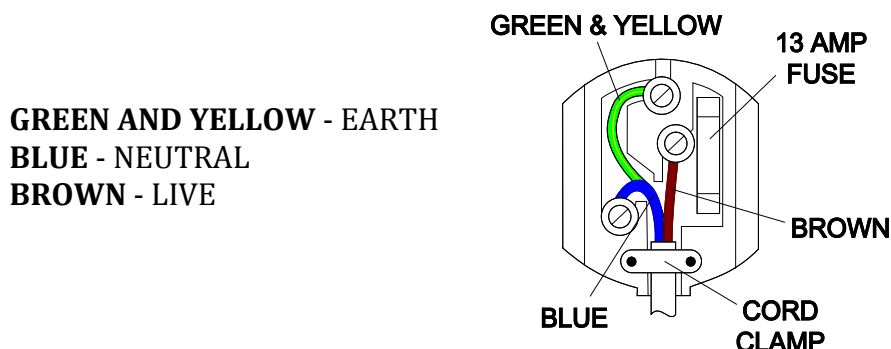
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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.

WARNING: THIS APPLIANCE MUST BE EARTHED

If a non-rewirable plug or a rewirable 13 Amp (BS 1363) plug is used it must be fitted with a 13 Amp ASTA approved (BS 1362) fuse. If any other plug is used, please contact our Spares department for details on appropriate fuse type.

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



Note: These colours may not correspond with the coloured markings identifying the terminals in your plug.

Do not push excess mains lead into the compressor compartment.

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 our Spares department, at the address on the final page of this manual.

Safety Information

WARNING: Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction.

WARNING: Do not use electrical appliances inside the compartment of the appliance, unless they are of the type recommended by the manufacturer

- Before **ANY** maintenance activity, carefully take the plug out of the socket by gripping the plug, **DO NOT** pull on the plug cord.
- **DO NOT** use double-wire extension cords. If an extension cord is necessary make sure it is a cord, which possesses a protection safety certificate.
- If the main power supply cord is damaged, it should be replaced by a qualified service engineer.
- **DO NOT** attempt to make any repairs to the appliance yourself. Repairs carried out by someone without the relevant training are putting their personal safety at risk and will invalidate your warranty.
- **DO NOT** store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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. Children should be supervised to ensure that they do not play with the appliance.

IMPORTANT: this appliance can be installed built-in, without air gaps as the appliance has been designed to gain ventilation from the front. The air ventilation at the bottom of the cabinet must be unobstructed to allow air to circulate around the cabinet.

This appliance is intended to be used in commercial premises and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments.
- Bars, pubs, clubs and cafes.
- Social Clubs.
- Restaurants and similar.
- Retail premises.



Before you plug your appliance in

IMPORTANT: Ensure that the Lec Commercial bottle cooler is left for **2 hours** before use to allow the refrigerant to settle.

It is essential that you clean the interior of your bottle cooler **BEFORE** using it for the first time. The interior should be wiped with a soft cloth dampened with a solution of one teaspoonful of Bicarbonate of soda to one litre of lukewarm water. Rinse with clean lukewarm water, and dry thoroughly.

DO NOT use soaps, wire wool, scouring powder or disinfectants of any kind.

Using Appliance for First Time

When unpacking and cleaning are complete plug the mains lead of your appliance into a suitable earthed socket and switch on.

IMPORTANT: When using the bottle cooler for the first time, it is **essential** that you allow it to run for **24 hours** before filling to ensure it is working properly.

Note: This appliance has been supplied with a factory pre-set temperature of +3°C.

Important Refrigerant Information

The entire Lec Commercial ECA bottles cooler range contains environmentally-friendly, non ozone depleting R600a refrigerant.

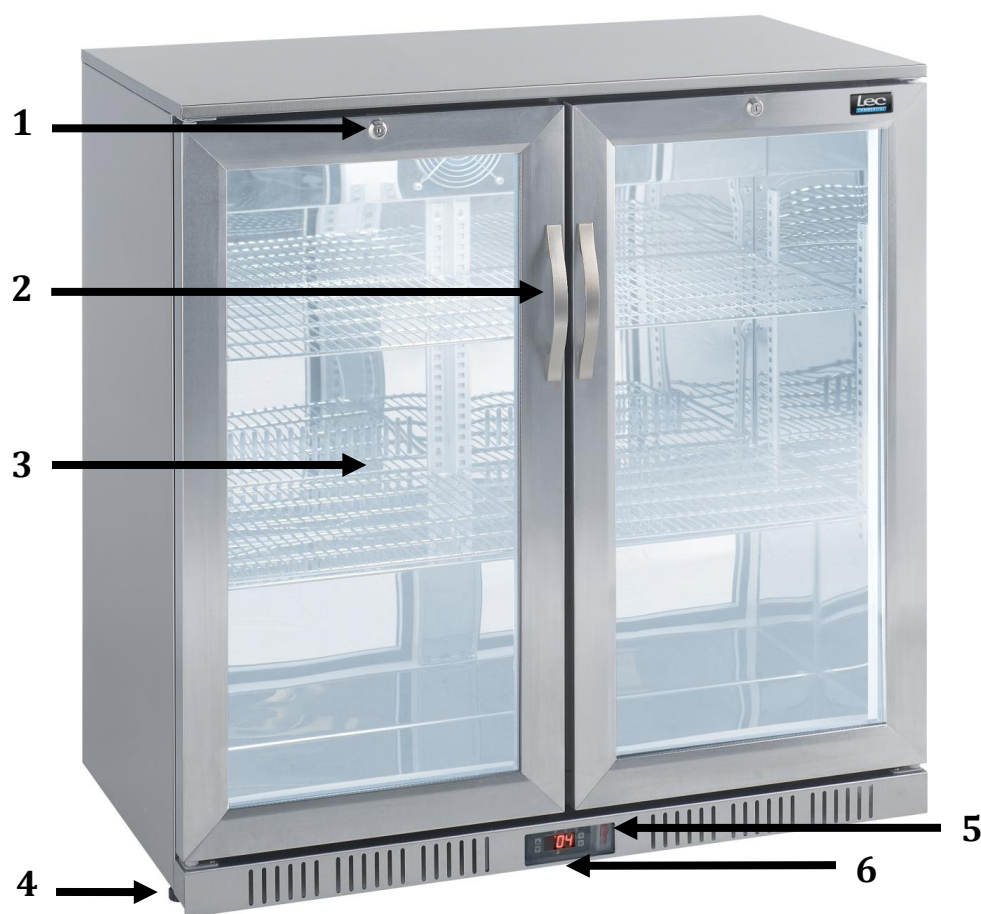
WARNING: Do not damage the refrigerant circuit

As R600a is a flammable gas, it is **essential to avoid damage to the refrigeration circuit during transportation and installation**. If the refrigeration circuit is damaged, avoid using a naked flame in the vicinity of the refrigerator and connecting power to the refrigerator. Also make sure there is good ventilation within the room.

2 - Using Your Appliance

Product Details

Model	Dimensions W x D x H (mm)	Refrigerant Type	Temperature Range	Colour	No. of Doors	Door Style	Capacity (330ml bottles)
BC6097K	600 x 500 x 900	R600a	+2°C to +10°C	Black	1	Hinged	106
BC6097ST	600 x 500 x 900	R600a	+2°C to +10°C	Stainless Steel	1	Hinged	106
BC9097K	900 x 500 x 900	R600a	+2°C to +10°C	Black	2	Hinged	180
BC9097ST	900 x 500 x 900	R600a	+2°C to +10°C	Stainless Steel	2	Hinged	180



1. **Fitted lock(s)**
2. **Door handle**
3. **Wire shelves** (see page 10)
4. **Adjustable front feet (x2)** (see page 10)
5. **Interior Light On / Off switch**
6. **Electronic controller with external temperature display** (for operating information see pages 11-12)

Note: Additional or replacement parts are also available from our Spares department.

Internal Light

Lec Commercial bottle coolers are fitted with internal fluorescent lights that can be switched on and off using the red switch located at the bottom of the cabinet adjacent to the controller.

The light should be turned off whenever it is not required, in order to save energy and keep your running costs down.

Doors

On all ECA approved models, the door is opened by means of a handle screwed onto the front of the door. All doors are fitted with a self closing mechanism for energy efficiency and your convenience. Should for any reason, the self closing mechanism fail, to close the door apply a gentle pressure until the magnetic door gasket seals against the cabinet face.

Do not "slam close". Check periodically that there are no gaps between the gasket and the cabinet face as this will cause the bottle cooler to operate less efficiently.

Shelves

The Bottle Cooler is fitted with adjustable shelves that can be moved to suit your storage needs. The support clips (right) are removed by pressing them together and tilting them upwards.

On the double door models, you will notice that there are vertical centre rails positioned at the front and back of the interior. Ensure that the clips are also positioned on the vertical centre rails to fully secure shelves in place. Check that all the clips are level and at the correct height before positioning the shelves.



Support clips

WARNING: Maximum loading capacity per shelf is 20kg

Adjusting the feet

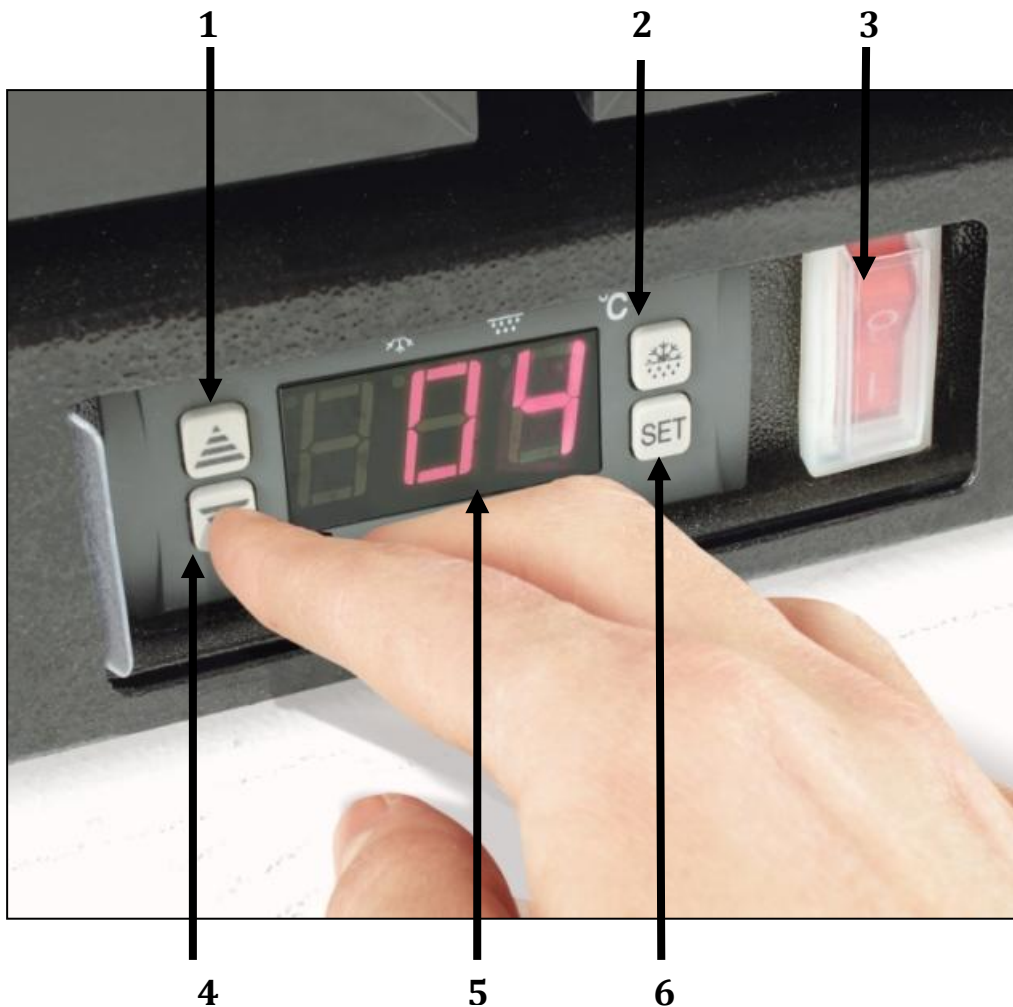
Your Lec Commercial bottle cooler comes fitted with 2 adjustable front feet as standard. If placing on an uneven surface, you may need to adjust the feet. Simply tilt the unit back **slightly** to adjust the height.

To extend the height level of the feet, simply twist/unscrew the feet clockwise until you reach desired level.

To reduce the height level of the feet, twist/screw the feet anti-clockwise until you reach desired level.



Controller Overview







1. Maximum Temperature/Up button
2. Defrost button
3. Interior Light On/Off switch
4. Minimum Temperature/Down button
5. Current Temperature Display
6. Set Temperature/Enter button

Applies to ALL models


Controller Operation

View or Change the Current Set Temperature

Function	Press	Hold button(s) down for	Result
To view/set temperature		1 second	Displays current set temperature
Followed by	 or 	Until desired temperature is reached	Modifies and saves set temperature
Followed by		1 second	Exits the adjustment and displays internal temperature

Note: If no more buttons are pressed within 6 seconds, the interior temperature will be displayed.



Performing a Manual Defrost cycle

Function	Press	Hold button(s) down for	Result
Manual start / stop Defrost		6 seconds	Starts or stops defrost. Defrost LED illuminates when defrost is in progress.

Note: If no more buttons are pressed within 6 seconds, the interior temperature will be displayed.

IMPORTANT: Ensure you Clean and dry thoroughly before switching back “ON” after performing a manual defrost cycle.

LED indication symbols

	On	Compressor enabled
	Flashing	Anti short cycle delay enabled (AC parameter)
	On	Defrost in progress
	Flashing	Dripping in progress



Energy Saving Tips

This appliance is cooled by energy-efficient R600a refrigerant. In order to keep running costs as low as possible, always:

- Position the appliance away from heat sources
- Make sure the air can circulate freely around the appliance.
- Ensure that products being stored in the appliance are below room temperature upon entry.
- Make sure the door is opened a little as possible whilst in use and closed as quickly as possible to prevent unnecessary temperature fluctuations.
- Turn off the internal light when not required. (e.g. overnight or when the premises is closed)

Storage

If your appliance is to remain unused for a period of time (e.g. during refurbishment work), it is advised that the appliance is unplugged from the power supply. Ensure that the interior is thoroughly cleaned and dried.

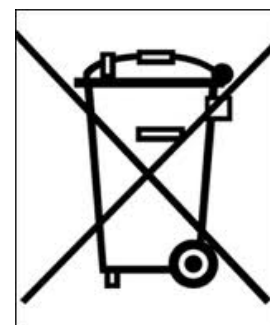
We recommend that you leave the door slightly ajar to prevent any bad odours from forming within the bottle cooler.

Disposal of your product

When disposing your bottle cooler do not take it to regular municipal waste containers. Instead, take it to an electrical/electronic waste recycling and re-use centre.

A relevant label has been placed on the refrigerators packaging (see right).

The product has been manufactured from recyclable materials. Ask your local environmental care authority for information concerning location of such facilities.



3 - Care & Ongoing Maintenance of your Appliance

Service Information

It is important to maintain the cabinet periodically. We recommend that the condenser, drain and gasket are serviced every 6 months by a qualified service engineer.

Defrosting

Automatic defrost function

This Lec Commercial Bottle Cooler has an automatic defrost system that requires no special operations on the part of the user. The on / off cooling cycles of the appliance are specifically designed to allow for defrost during normal operation.

Manual defrost

Instructions on how to manually defrost your appliance can be found within the table on page 12 under the title, '*performing a manual defrost cycle.*'

IMPORTANT: Do not use any knives or sharp metallic objects to remove frost.

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



Keeping your Bottle Cooler Clean

Interior

- Your bottle cooler should be cleaned **regularly**.
- Before cleaning you **MUST** switch off and disconnect the appliance from the power supply.
- The interior, except for the door gasket can be cleaned with mild cleaning detergents.
- Regularly clean the gasket with water only and wipe dry. This helps prevent the build up of beer and sugar liquids.
- Remove shelves and wipe with a soft cloth, ensuring that they are dry before replacing.
- Detergents containing abrasives or acids are not suitable for cleaning and must **NOT** be used.
- When all cleaning has been completed, reconnect the plug with **dry hands**.

DO NOT use soaps, wire wool, scouring powder or disinfectants of any kind.

Exterior

We recommend that you use a good wax polish that will clean and polish the cabinet in one easy application.

DO NOT use an aerosol polish as the spray may damage plastic parts

IMPORTANT: Damage to the unit as a result of not cleaning regularly, or not using the correct materials may invalidate your warranty.



4 - Troubleshooting, Service & Repairs

If something appears to be wrong, before calling our After Sales department, please check the following:

1. Make sure the plug is connected properly into the mains socket.
2. Check that the fuse hasn't blown. (Details of changing a fuse can be found on page 6)
3. Check that the mains switch is 'ON'.
4. Ensure that the door closes firmly and check the gasket sealing as this may require cleaning.

After Sales Support

Should you require any after sales support, we recommend that you contact the retailer who supplied the appliance, or alternatively, contact our After Sales support team on 0844 815 3755.

Note: You will need to have the date of purchase, the product code, the model number and serial number (found on the data plate label of the appliance) to hand and state the nature of the fault.

What Spares do we offer?

A few examples include:

- | | |
|---|---|
| <ul style="list-style-type: none">• 8w and 14w light bulbs• Light cover• Light switch• Additional shelves• Shelf clips• Vertical shelf support• Evaporator• Compressor | <ul style="list-style-type: none">• Replacement door gasket• Digital controller• Door handles• Door hinge• Adjustable feet• Lock and key• Mains cable with plug |
|---|---|

For further information or to purchase any spare parts, please do not hesitate to contact our Spares Department on 0844 815 3755. Please ensure that you have your product code (e.g. 444449632) and model number (e.g. BC6097K) to hand.



Replacing the Door Gasket

- Pull the gasket out from the door and replace it with a new one.
- Make sure the new gasket seals against the cabinet and there are no air gaps.
- You may use a hot air gun (hair drier) to mould the new gasket on to the door if required.



Note: Replacement door gaskets are available from our Spares department

We advise that you clean the door gasket frequently to prevent a build up of beer and sugar liquids

Replacing the Light Bulb

In order to replace the light bulb, you should:

1. Turn off the power supply and remove the plug from the socket.
2. Remove the light cover, which is made from flexible polycarbonate. To remove it, starting at one end, gently free it from the bottom flange towards the rear of the cabinet and then pull it downwards.
3. The light bulb is rotated $\frac{1}{4}$ turn to align the connector pins and then moved carefully to free it from its sockets.
4. Replace the bulb with an equivalent 8W T5 bulb (single door models) or 14W T5 bulb (double and triple door models) and rotate it $\frac{1}{4}$ turn to lock it in position.
5. Locate the cover into the recess of the light housing and feed its' edge into place in the bottom flange.
6. Plug in and restart the appliance and check light is working. (If not, unplug and follow steps 4 and 5 again)
7. Turn off the power supply and remove the plug from the socket.
8. Remove the light cover, which is made from flexible polycarbonate. To remove it, starting at one end, gently free it from the bottom flange towards the rear of the cabinet and then pull it downwards.

Note: Replacement light bulbs are available from our Spares department

Troubleshooting

PROBLEM	REASON	SOLUTION
The appliance does not work	A gap in the electrical system circuit	<ol style="list-style-type: none"> 1. Make sure the plug is properly inserted into the socket. 2. Make sure the socket is not faulty 3. Make sure the power supply cord is not damaged
	The compressor hardly ever activates	<ol style="list-style-type: none"> 1. Check to see if the ambient temperature is below +16°C
The temperature inside the appliance is not low enough (the compressor operates continuously)	The door doesn't shut tight or is opened too often	<ol style="list-style-type: none"> 1. Rearrange the products so they don't hamper the door. 2. Shorten the time the door is open for
	Appliance is positioned near a heat source or exposed to direct sunlight	<ol style="list-style-type: none"> 1. Move appliance away from any area's where heat sources or direct sunlight are present
	The ambient temperature is above +38°C	<ol style="list-style-type: none"> 1. Check the appliance is operating at an ambient temperature that is less than +38°C
	Inadequate / obstructed ventilation	<ol style="list-style-type: none"> 1. Make sure the clearance around the unit is 10cm at each side, 6cm at the rear and 2.5cm at the top 2. Check that the air ventilation at the bottom of the cabinet is unobstructed as this allows air to circulate around the cabinet 3. Ensure the appliance is placed on a hard flat surface
Water collects at the bottom part of the bottle cooler	The contents touch the back wall of the cabinet	<ol style="list-style-type: none"> 1. Move the products so they aren't in contact with the back wall
Frost build up and slow defrosting	Operating the appliance in an unheated location (e.g. a cellar)	<ol style="list-style-type: none"> 1. Move to a warmer location where temperature fluctuations are minimal
Excess condensation on outer surface of your cabinet	Operating the appliance in an unheated location (e.g. a cellar)	<ol style="list-style-type: none"> 1. Move to a warmer location where temperature fluctuations are minimal
Defrost water is dripping from the front	The appliance is not tilting backwards	<ol style="list-style-type: none"> 1. Adjust the feet so that the cabinet stands firm and level with a slight tilt from front to back
The appliance makes too much noise	The bottle cooler is not level	<ol style="list-style-type: none"> 1. Place the appliance on an even surface or use adjustable feet
	The appliance is touching another object	<ol style="list-style-type: none"> 1. Reposition the appliance so it is detached from any other objects

Frequently Asked Questions

1. Are there any restrictions as to where I can locate my Lec bottle cooler?

Yes, for optimum performance, it's important that you position your bottle cooler on a hard flat surface in an area where the ambient temperature will not drop below +16°C or exceed +38°C. Ensure the appliance has sufficient clearance around it to provide adequate ventilation. We do not recommend positioning your bottle cooler close to a heat source such as a radiator or in direct sunlight. Avoid an unheated location such as a cellar as it may cause frost build up and slow defrosting.

2. Can I plug my bottle cooler in straight away after unpacking?

No, we recommend that you leave the bottle cooler to stand for 2 hours before plugging in. This allows the refrigerant to settle after transportation and delivery. You should then run the bottle cooler whilst it's empty for 24 hours before filling. Also, it is essential that you have followed the cleaning recommendations on page 4 prior to filling.

3. What should I do if my floor is uneven?

If the floor is uneven, adjust the feet (twisting either from right-to-left to extend or left-to-right to reduce height) so that the cabinet stands firm and level with a slight tilt from front to back, to prevent any defrost water dripping from the front.

4. Can I change the temperature inside the unit?

Yes. Lec Commercial bottle coolers have a temperature range of +2°C to +10°C. You can easily change the temperature by following the instructions on page 12.

5. How do I operate the light inside the unit?

Simply flick the red switch positioned at the bottom of the cabinet adjacent to the controller to the on/off position. Lec Commercial recommends that you turn off the interior light when not in use (e.g. during the night) as this can save on electricity.

6. How often should I clean my bottle cooler and how?

We recommend that you clean your bottle cooler at least once a month. The interior, except for the door gasket, can be cleaned using a solution containing one teaspoonful of Bicarbonate of soda added to one litre of lukewarm water. This should then be rinsed with clean lukewarm water, and dried thoroughly.

7. How often should I defrost my bottle cooler?

It is strongly recommended to defrost your bottle cooler 2-3 times per year.

8. What Warranty does my Lec Commercial bottle cooler have?

Your Lec Commercial bottle cooler comes with a 2 year parts and labour warranty.

9. Can I purchase an extended warranty?

Yes, Lec Commercial also offers customers the opportunity to purchase extended warranty.

10. What should I do if the lock or key is damaged?

Simply call our Spares department on 0844 815 3755 and we will send arrange for a replacement lock to be fitted if the appliance is still within warranty. Additional keys can also be purchased from our Spares department.

11. Can I purchase replacement parts?

Yes, we have a number of replacement parts. To order, please call our Spares department on 0844 815 3755.

▪ ***Sales Orders:***

email: sales@gdpa.co.uk
tel: 0844 815 3755 (opt. 1)
fax: 0844 248 4123

▪ ***After Sales:***

email: info@gdpa.co.uk
tel: 0844 815 3755 (opt. 2)
fax: 0844 248 4123

▪ ***Spare Parts***

email: info@gdpa.co.uk
tel: 0844 815 3755 (Opt. 3)
fax: 0844 248 4123

▪ ***Marketing Enquiries:***

email: marketing@gdpa.co.uk (Opt. 5)
tel: 0844 248 4274

▪ ***For all International (Non-UK) Enquiries:***

email: info@gdpa.co.uk
tel: +44 151 493 3281
fax: +44 151 432 7082

▪ ***Address:***

Glen Dimplex Professional Appliances
Stoney Lane,
Prescot,
Merseyside, L35 2XW

▪ ***For any other information please visit:***

www.lec-commercial.co.uk

