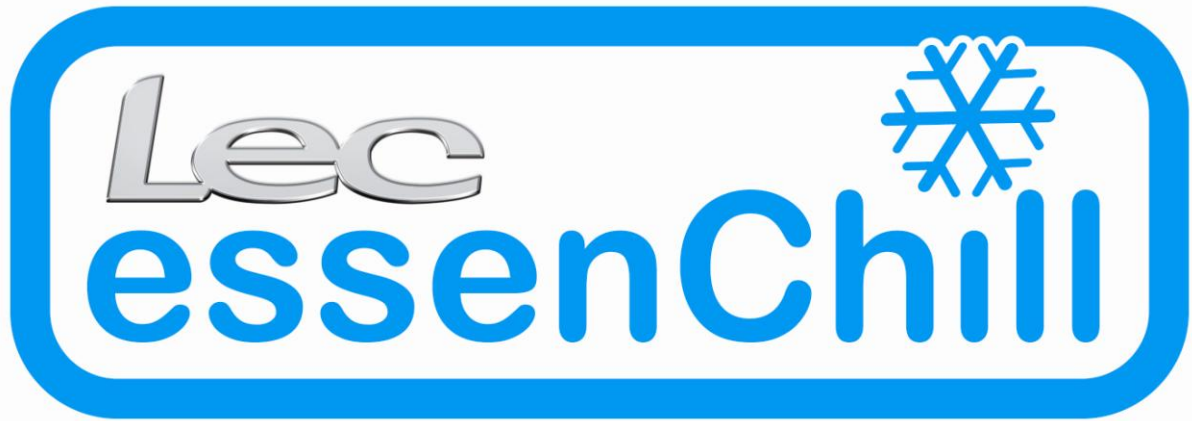


# USER MANUAL



## Lec essenChill Freezer Range

**Applicable Models:**  
**BFS200W/BFS200ST**  
**BFS400W/BFS400ST**  
**BFS600W/BFS600ST**



Please read and  
keep these  
instructions

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## 1.0 - Important Information

### My Product

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.

**My Lec essenChill model number is: (e.g. BFS200W)**

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

**SKU Number:**

4	4	4	4	4				
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**Serial Number: (found on the data plate of the appliance)**

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

**Date of Purchase:**

		/			/				
--	--	---	--	--	---	--	--	--	--

**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 essenChill freezer. Whilst unpacking, please carry out the following actions**

- Check the freezer 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 refrigerator has been cleaned prior to dispatch; however, **we advise** that it should also be cleaned before use. We recommend that the appliance should be wiped with a soft cloth dampened with lukewarm water containing a **mild detergent**. Rinse with clean lukewarm water, and dry thoroughly.
- When unpacking is complete, **we recommend that the appliance should stand for 24 hours** prior to switching on.

**Warranty**

**How to activate your Warranty**

This Lec essenChill freezer 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](http://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 contact 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 data plate of the appliance.

**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](http://www.lec-commercial.co.uk) or by calling our After Sales team on 0844 815 3755.

## **Positioning your Lec essenChill freezer**

***When positioning your Lec essenChill freezer, please ensure you have taken into account the following factors:***

- In order to conserve electricity, do not place your appliance near a source of heat, such as a radiator. Try to avoid locations where the appliance could be exposed to direct sunlight.
- If the product is to be placed next to another unit or a wall, there should be at least a 20cm gap. Increase this distance if the obstacle is a heat source.
- This freezer must be placed on a hard flat surface. It is important that the 2 front feet are adjusted so that the unit stands firm and level.
- 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 +36°C. Operating outside of these temperature parameters may cause the appliance to perform out of specification.



## **Electrical Connection**

This 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 product. Power must be connected via a wall socket with a switch. It is strongly recommended that the wall socket is accessible. The product plug and wall socket should give correct earthing. If in doubt, please contact your local supplier or an authorised electrician.

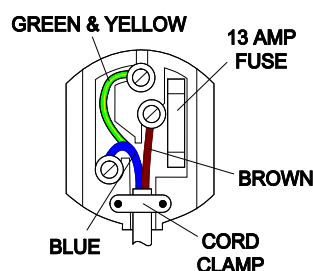
If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

### **WARNING: THIS APPLIANCE MUST BE EARTHED**

The flexible cord (mains lead) fitted to this product has three cores for use with a 3-pin 13 amp plug. If a BS 1363 (13-amp) fused plug is used it should be fitted with a 13-amp fuse.

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

**GREEN AND YELLOW - EARTH**  
**BLUE - NEUTRAL**  
**BROWN - LIVE**



***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 storage 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.

**Remember:** This Lec essenChill unit is intended to be used in commercial premises and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments.
- Hotels, bars, pubs and cafes.
- Fast food providers.
- Restaurants and similar.
- Retail premises.
- Local authorities (ie Schools, nursing homes, hospital kitchens).



## **Transporting and Moving your Lec essenChill freezer**

The product **must** be unplugged before moving and should always be moved in the vertical position. Leave the product to stand for at least 24 hours before reconnecting.

### **Before you plug your appliance in**

**IMPORTANT:** Ensure that your Lec essenChill unit is left to stand for **24 hours** after transportation prior to switching on, as this will allow the refrigerant to settle.

It is essential that you clean the interior of your unit **BEFORE** using it for the first time. We advise that the interior should be wiped with a soft cloth dampened with lukewarm water containing a **mild detergent**. Rinse with clean lukewarm water, and dry thoroughly.

**DO NOT** use soaps, wire wool, scouring powder disinfectants of any kind or detergents containing acids or abrasives to clean the interior.

### **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:** We also recommend that you leave your essenChill freezer running for **24 hours** before filling to ensure it is working properly.

**Note:** *This appliance has been supplied with a factory pre-set temperature of -20°C.*

### **Important Refrigerant Information**

All essenChill 200L models contain environmentally-friendly, non ozone depleting R600a refrigerant, whilst 400L & 600L freezer models contain R134a refrigerant.

**WARNING:** Do not damage the refrigerant circuit

As R600a and R134a are both flammable gases, 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 freezer and connecting power to the freezer. Also make sure there is good ventilation within the room.



## 2.0 - Using Your Appliance

### Product Information

Model	SKU Number	Dimensions W x D x H (mm)	Refrigerant Type	Temperature Range	Colour	Handle Type	Door Type
BFS200W	444442236	595 x 667 x 838	R600a	-18°C to -25°C	White	Easy Grab	Solid
BFS200ST	444442637	595 x 667 x 838	R600a	-18°C to -25°C	Stainless Steel	Easy Grab	Solid
BFS400W	444442640	603 x 653 x 1960	R134a	-18°C to -25°C	White	Integrated	Solid
BFS400ST	444442641	603 x 653 x 1960	R134a	-18°C to -25°C	Stainless Steel	Integrated	Solid
BFS600W	444442644	775 x 743 x 1982	R134a	-18°C to -25°C	White	Integrated	Solid
BFS600ST	444442645	775 x 743 x 1982	R134a	-18°C to -25°C	Stainless Steel	Integrated	Solid

### Product Details

Unless otherwise stated, all essenChill freezers feature:

- **Fitted lock**
- **Fixed Wire shelves**
- **2 adjustable front feet/2 rear rollers**
- **Electronic Controller**
- **Easy Grab Handle** (all 200L models)
- **Integrated Handle** (all 400L and 600L models)

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



## Doors

### **Handle Styles**

All of the Lec essenChill 200L models feature an easy grab handle for ease of opening. All 400L & 600L models come with a stylish integrated handle as standard.

### **Reversible Doors**

This freezer is fitted with a reversible door, which allows the user to change from right hand-hinged to left hand-hinged, or vice versa. Details on how to do this can be found on page 17.

## Shelves

All Lec essenChill freezers come with **fixed** position white plastic-coated wire shelves as standard.

<b>Models</b>	<b>Number of shelves (as standard)</b>
BFS200W/ST	2 (fixed)
BFS400W/ST	6 (fixed)
BFS600W/ST	6 (fixed)



**WARNING:** Maximum loading capacity per shelf is 20kg

**Note:** All 600L essenChill freezer models are 2/1 gastronorm compatible.

## Adjusting the feet

Your Lec essenChill will come fitted with 2 adjustable front feet and 2 rear rollers as standard. When adjusting the feet, tilt the unit back **slightly**.



**To extend** the height level of the feet, simply twist/unscrew the feet from right-to-left until you reach desired level.

**To reduce** the height level of the feet, twist/screw the feet from left-to-right until you reach desired level.



## **Controller Overview**



1. Set Temperature/Enter button



2. Maximum Temperature/Up button



3. Minimum Temperature/Down button







4. Start/Stop Defrost

*Applies to ALL models*




## Controller Operation



### ***View or Change the Current Set Temperature***

Function	Press	Hold button(s) down for	Result
<b>To view/set temperature</b>		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
<b>Note:</b> 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
<b>Manual start / stop Defrost</b>		6 seconds	Starts or stops defrost. Defrost LED illuminates when defrost is in progress.
<b>Note:</b> If no more buttons are pressed within 6 seconds, the interior temperature will be displayed.			

### **LED indication symbols**

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



## **Energy Saving Tips**

The 200L units are cooled by energy-efficient R600a, whilst the 400L & 600L units feature R134a 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.

## **Energy Consumption**

<b>Models</b>	<b>Energy Consumption (kWh per 24 hours)</b>
200L	2.1
400L	2.4
600L	2.4

## **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 freezer.

## **Disposal of your product**

When disposing of your refrigerator or freezer 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 freezers packaging (see right).

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



## 3.0 - Care & Ongoing Maintenance of your Appliance

### ***Service Information***

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

### ***Defrosting***

All Lec essenChill freezers need to be manually defrosted on a regular basis.

### ***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 essenChill freezer clean***

### ***Interior***

- Your Lec essenChill freezer 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 using a **mild** detergent and lukewarm water, before rinsing with clean lukewarm water and drying thoroughly.
- Regularly clean the gasket with water only and wipe dry. This helps prevent the build up of food and liquid residues.
- Wipe the fixed shelves with a soft cloth using a **mild detergent** and lukewarm water. Ensure that you rinse them totally with clean lukewarm water and make sure that they are completely dry.
- 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 exterior of your essenChill freezer 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 cleaning materials may invalidate your warranty.



## 4.0 - Troubleshooting, Service & Repairs

If something appears to be wrong, before calling our 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 model and serial number (found on the Data Plate 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"><li>• Compressor</li><li>• Adjustable feet</li><li>• Lock and key</li><li>• Mains cable with plug</li></ul> | <ul style="list-style-type: none"><li>• Replacement door gasket</li><li>• Digital controller</li><li>• Door handles</li><li>• Door hinges</li></ul> |
|---|---|

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 SKU number (e.g. 444442636) and GDPA code (e.g. BFS200W) 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 unit 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**

### **Changing the Door Hinge**

**To change the door hinge from right-handed to left-handed or vice versa:**

1. Switch off power at the mains socket and remove the plug from the mains socket.
2. Remove the top panel and disconnect the multi plug inside.
3. Remove the hinge pin, and lift off the door.
4. Move hinge from one side to the other.
5. Move the handle from one side to the other.
6. Place the door in the hinge on the desired side. Insert hinge pin in the hinge and in the door hinge bush. Fasten the hinge.
7. Re-connect the multi plug to the panel, and secure the panel. Re-connect to the mains.

**Changing the door hinge requires at least 2 people and should not be attempted on your own.**

**Note:** A series of pictorial instructions are available on request from our After Sales department. Simply call 0844 815 3755 and one of our advisors will be able to send these to you.



## Troubleshooting

PROBLEM	REASON	SOLUTION
The appliance does not work	A gap in the electrical system circuit	<ol style="list-style-type: none"> <li>1. Make sure the plug is properly inserted into the socket.</li> <li>2. Make sure the socket is not faulty</li> <li>3. Make sure the power supply cord is not damaged</li> </ol>
	The compressor hardly ever activates	<ol style="list-style-type: none"> <li>1. Check to see if the ambient temperature is below +16°C</li> </ol>
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"> <li>1. Rearrange the products so they don't hamper the door.</li> <li>2. Shorten the time the door is open for</li> </ol>
	Appliance is positioned near a heat source or exposed to direct sunlight	<ol style="list-style-type: none"> <li>1. Move appliance away from any area's where heat sources or direct sunlight are present</li> </ol>
	The ambient temperature is above +36°C	<ol style="list-style-type: none"> <li>1. Check the appliance is operating at an ambient temperature that is less than +36°C</li> </ol>
	Air circulation at the back of the appliance is hampered	<ol style="list-style-type: none"> <li>1. Move product further away from the wall</li> </ol>
Water collects at the bottom part of the freezer	The contents touch the back wall of the interior	<ol style="list-style-type: none"> <li>1. Move the products so they aren't in contact with the back wall</li> </ol>
	The drain opening is clogged	<ol style="list-style-type: none"> <li>1. Take the cleaning plug and unclog the condensate opening</li> </ol>
Excess frost build up	Operating the appliance in an unheated location (e.g. a cellar)	<ol style="list-style-type: none"> <li>1. Move to a warmer location where temperature fluctuations are minimal</li> </ol>
Excess condensation on outer surface of your appliance	Operating the appliance in an unheated location (e.g. a cellar)	<ol style="list-style-type: none"> <li>1. Move to a warmer location where temperature fluctuations are minimal</li> </ol>
The appliance makes too much noise	The freezer is not level	<ol style="list-style-type: none"> <li>1. Place the appliance on an even surface or use adjustable feet</li> </ol>
	The appliance is touching another object	<ol style="list-style-type: none"> <li>1. Reposition the appliance so it is at least 2cm apart from any other objects</li> </ol>



## **Frequently Asked Questions**

**1. Are there any restrictions as to where I can locate my Lec essenChill freezer?**

*Yes, for optimum performance, it's important that you position your freezer on a hard flat surface in an area where the ambient temperature will not drop below +16°C or exceed +36°C. Ensure the appliance has sufficient clearance around it to provide adequate ventilation. We do not recommend positioning your freezer 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 excess frost build.*

**2. Can I plug my essenChill freezer in straight away after unpacking?**

*No, we recommend that you leave the appliance to stand for 24 hours before plugging in to allow the refrigerant to settle after transportation and delivery. You should then run the freezer whilst it's empty for 24 hours before filling. Also, it is essential that you have followed the cleaning recommendations on page 4 of this manual prior to filling.*

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

*If the floor is uneven, adjust the front feet on your freezer (by twisting the feet right-to-left or left-to-right) so that the unit stands firm and level.*

**4. Can I change the temperature inside the unit?**

*Yes. Lec essenChill freezers have a temperature range of -18°C to -25°C. You can easily change the temperature by following the instructions on page 12.*

**5. How often should I clean my essenChill freezer and how?**

*It's advised that you clean your fridge at least once a month. We recommend that the appliance should be wiped with a soft cloth dampened with lukewarm water containing a **mild detergent**. Rinse with clean lukewarm water, and dry thoroughly.*

**6. How often should I defrost my Lec essenChill freezer?**

*It is strongly recommended that you manually defrost your freezer on average 2-3 times per year or whenever appropriate.*

**7. What Warranty does my Lec essenChill have?**

*Your Lec essenChill unit comes with a 2 year parts and labour warranty. See Warranty section on page 4 for details.*

**8. Can I purchase an extended warranty?**

*Yes, Lec Commercial also offers customers the opportunity to purchase extended warranty for added piece of mind. See Warranty section on page 4 for details.*

**9. 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.*

**10. 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  
tel: 0844 248 4274 (Opt. 5)  
fax: 0844 248 4123

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

email: info@gdpa.co.uk  
tel: +44 151 493 3281  
fax: +44 151 248 4123

▪ ***Address:***

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

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

[www.lec-commercial.co.uk](http://www.lec-commercial.co.uk)

