

## 50L Portable Fridge Freezer



### **IGBF04000B**

**Please read these instructions carefully before use and retain for future reference.**

**Before switching on your appliance, always check for any damage which may have been caused in transit.**

# CONTENTS

Important Safety Instructions.....	3-4
Specifications.....	5
Appliance Overview.....	6
Installation.....	7-9
Operating Instructions.....	10
App Control.....	11-13
Cleaning and Maintenance.....	14
Trouble Shooting Guide.....	15-16
Fuse Replacement.....	17
Disposal Information.....	17
Igenix Warranty Terms & Conditions.....	18-19

## IMPORTANT SAFETY INSTRUCTIONS

The following basic precautions should always be followed when using this electrical appliance. Carefully read all instructions before operating and save for future reference:

- The use of any accessories not recommended by the manufacturer may cause injuries and will invalidate the warranty.
- Place the refrigerator on a dry, stable surface with adequate ventilation.
- Ensure the appliance is installed away from direct heat sources (e.g. open flames, radiators) and ignition sources (e.g. electric switches, ovens).
- Do not place the appliance in uncovered outdoor areas exposed to moderate rain or other elements. Do not leave the appliance unattended in these conditions.
- Handle and install with care to avoid damaging the refrigerant circuit pipes.
- Ensure the power supply cord is not pinched or damaged during setup.
- Do not place multiple portable sockets-outlets or portable power supplies at the rear of the appliance.
- Keep ventilation openings clear of obstructions.
- Use only the power supply unit provided with the appliance. It must be supplied at the safety extra-low voltage marked on the appliance.
- If the power cord is damaged, it must be replaced by a qualified person to avoid a hazard.
- Disconnect the appliance from all power sources before performing any maintenance.
- Risk of fire and electric shock. Do not damage the refrigerant circuit.
- Do not place open containers of liquid or hot/warm food directly into the appliance. Allow to cool first.
- Secure the contents of the appliance when used in a moving vehicle.
- To maximize energy efficiency, ensure the lid/door is closed securely and open it only when necessary.
- Do not store explosive or flammable substances (e.g. aerosol cans with flammable propellant) in or near the appliance.
- Do not let hot items touch the plastic parts of the appliance.
- To avoid food contamination: avoid leaving the door open for long periods, regularly clean the surfaces that contact food and accessible drainage systems, store raw meat and fish in sealed containers to prevent contact with or dripping onto other food.
- If the appliance will be unused for an extended period of time, switch it off, defrost, clean, dry and leave the door open to prevent mould (for details on cleaning please see Cleaning & Maintenance).
- Do not use mechanical devices or other means to accelerate defrosting, unless recommended by the manufacturer.
- Do not use electrical devices inside the food storage compartments unless recommended by the manufacturer.

- The cooler is suitable for cooling and freezing foods.
- Use the fridge exclusively for cooling and storing beverages and snacks. Do not store any perishable food in the fridge.
- Food may only be stored in its original packaging or in a suitable container.
- The fridge is not intended to come into contact with food.
- The fridge is not intended for the proper storage of medicines. See the instructions in the package leaflet for the medicinal product.
- The compressor and the condenser may become very hot during operation; do not touch them.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience/knowledge, unless supervised or instructed by a person responsible for their safety.
- Children should be supervised to ensure they do not play with the appliance.
- If the refrigerant circuit is damaged: Do not operate ignition sources (e.g. matches, lighters) or plug in the appliance, evacuate the room immediately and ventilate the area for several minutes.
- All repairs, maintenance, and disposal must be performed by qualified personnel, trained in handling refrigerant. Do not attempt to disassemble or repair the refrigerant system.
- The power cable must only be replaced by qualified personnel authorized by the manufacturer.
- This appliance is intended for use in households or similar applications such as: staff kitchens, offices and other working environments, farmhouses, clients in hotels, catering and similar non-retail applications.
- Do not use plugs and switches with wet hands.
- Never touch any damaged or non-insulated electrical cables while the electrical power supply is enabled.



**WARNING:** Disconnect the unit from the power supply immediately in the event of any malfunction. Never touch any damaged or non-insulated electrical cables while the electrical power supply is enabled. This observation is particularly true when the unit is connected to 220-240V mains voltage. If the power cable is damaged, it must be replaced. Contact the service centre and/or qualified personnel.



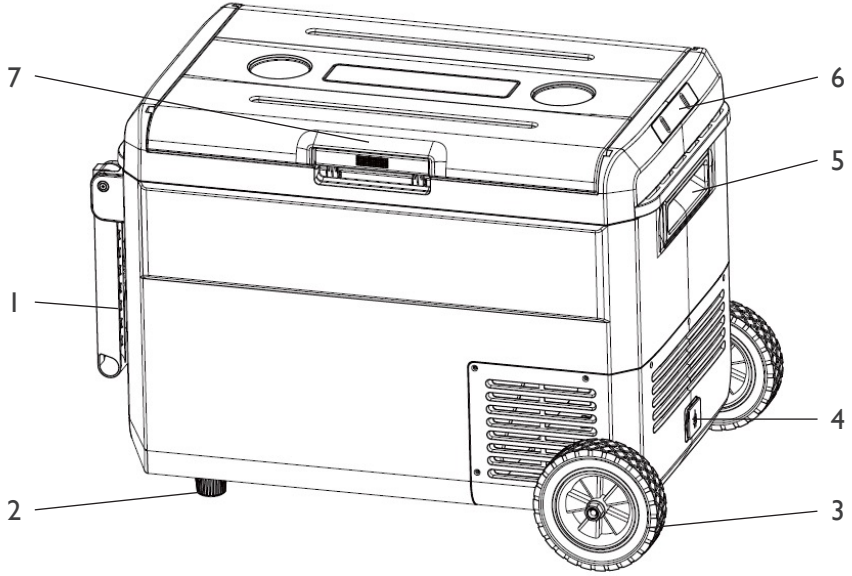
**WARNING:** Risk of child entrapment.

- Before disposal of the old appliance, make sure that all doors have been removed but shelves/divider has been left in so that children cannot easily climb inside. Also remove the plug so the appliance is unusable.

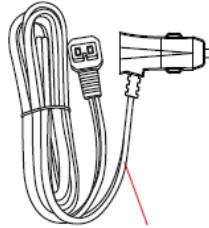
## SPECIFICATIONS

Model No.:	IGBF04000B
Capacity	50L
Temperature Range	-20°C to +20°C
Voltage	12/24V DC, 220~240V AC (With Adaptor)
Rated Current	5.8A/2.9A
Power Rating	60W
Standby Power (W)	0
Product Dimensions (including handle & wheels) (mm)	H:500 x W:711 x D:497
Refrigerant	R600a
NetWeight	17.2kg
Energy Rating	C
Annual Energy Consumption (kWh/year)	50
Noise Level	46dB

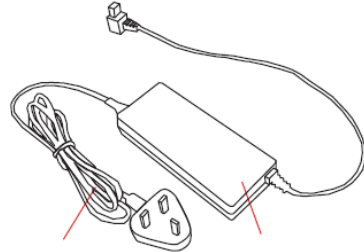
# APPLIANCE OVERVIEW



- 1. Handle
- 2. Rubber Feet
- 3. Wheel
- 4. Power Input Panel
- 5. Carry Handle
- 6. Control Panel
- 7. Lid Latches



12V/24V DC Power Cable



AC Power Cable

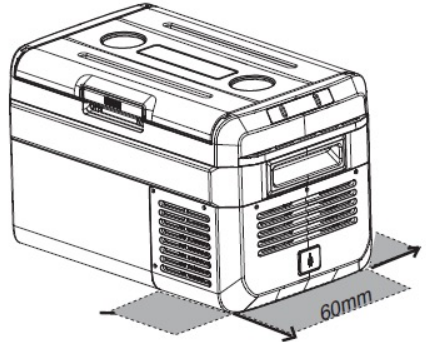
Power Adaptor

# INSTALLATION

## Ventilation Clearance

Slots and openings in the body are provided for ventilation; to ensure reliable operation and to protect against overheating, these openings should never be blocked or covered.

A minimum clearance of 60mm is recommended on the back, side and front of the fridge for ventilation. This product should never be placed in a built-in installation with limited airflow unless adequate ventilation is provided. Closed compartments should be provided with cool air intake and warm air exhausts.



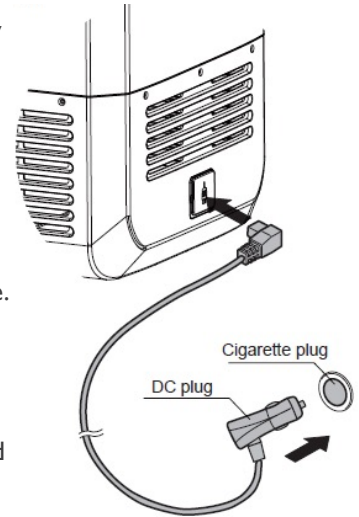
## Connecting Power for 12V/24V DC and 230V AC Operation:

### 12V/24V DC Operation:

For battery powered applications, connect the supplied DC cable (or approved replacement) into the DC input socket and ensure its properly inserted.

Connect the other end to a 12V/24V DC power source.

If connecting to an existing cigarette plug, ensure that the power/ voltage supply is sufficient. Additionally, when the DC supply is connected, ensure that when the ignition is turned off, that the power is disconnected well.



### 230V AC Operation:

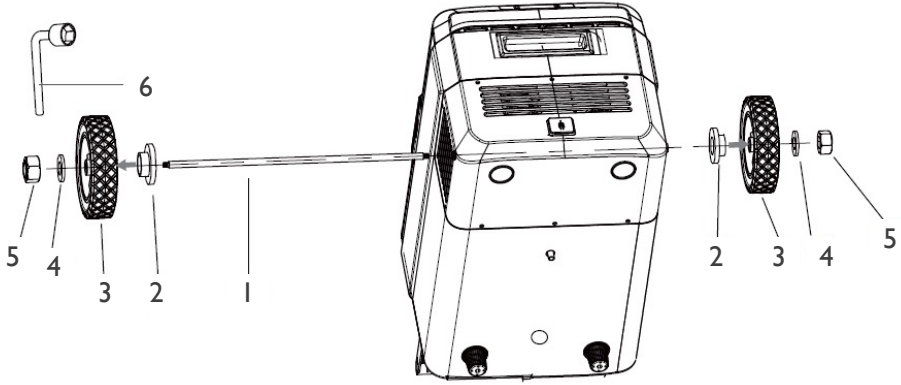
For AC power sources, connect the supplied AC cable to the input socket and ensure it is properly fitted. Connect other end to the AC supply.

### Please Note:

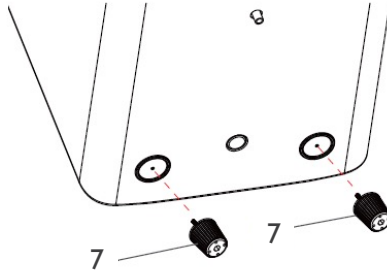
When connecting the external AC power supply, make sure that the cable plug is appropriate for the region or country of use and that the cable is not damaged. Verify that the external AC power supply's voltage is within the appliances operating voltage range.

Do not place the AC plug adaptors or power supplies on or behind the fridge.

## Wheel Installation (optional)

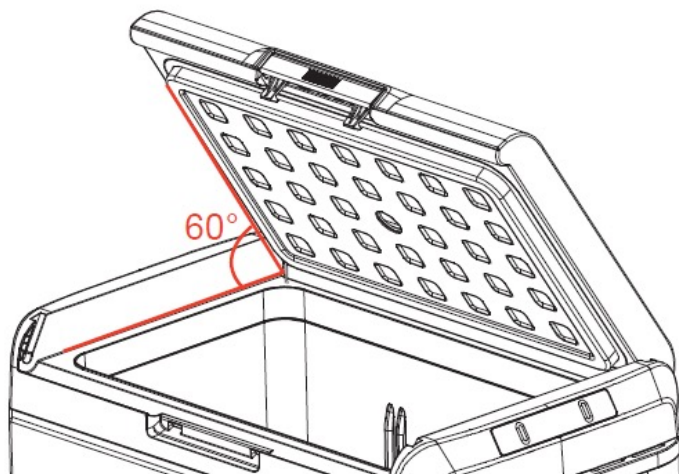


1. Shaft
2. Sleeve Bearing
3. Wheel
4. Flat Washer
5. Nut for Wheels
6. Spanner
7. Screw for Frame



1. Insert the shaft through the rear of the unit from right to left. If it cannot be installed from this direction, try installing from left to right.
2. Assemble the sleeve bearing, wheel and flat washer in the correct sequence or direction. The sleeve bearing is designed to fit tightly against the unit, ensure the holes are aligned precisely during installation.
3. Using 2 spanners, tighten the nuts by turning both the spanners in opposite directions simultaneously.
4. Install the feet by attaching them to the bottom of the fridge.

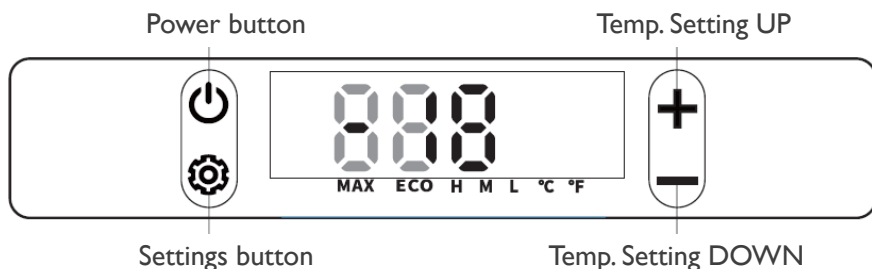
## To Reverse the Door Opening



The door of the fridge can be removed and switched to the opposite side. Please refer to the instructions provided below.

1. Set the door to open at a 60° position.
2. Remove the door along the track.
3. When reassembling, tilt the door to a 60° angle as you slide it along the track.

# OPERATING INSTRUCTIONS



Connect the fridge to a power source and short press the power button to turn on. Short press the power button to turn off.

## 1. Temperature Setting

- Use “+” and “-“ buttons to adjust the temperature. Hold down the button for fast scroll. Temperature range: -20°C to 20°C.

## 2. Setting Mode

- Hold down the settings button for 2 seconds to enter the settings menu.
- While the display is flashing, press the settings button to cycle through below setting modes:
- MAX/ECO mode, Triple Battery Protection Operation, Fahrenheit/ Celsius Switching.
- Press the +/- buttons to navigate through the different modes within a group.
- After switching, wait for 5 seconds to confirm the setting.

## 3. ECO & MAX Mode

- MAX mode boosts efficiency.
- ECO mode focuses on energy saving.

## 4. Triple Battery Protection Operation

To protect the car battery, the fridge will shut off if the voltage falls below the cut-off threshold, and it will turn on back once the voltage hits the start-up threshold.

PROTECTION LEVEL / POWER SOURCE	H		M		L	
	Start-up	Cut-off	Start-up	Cut-off	Start-up	Cut-off
12V	12.4V	11.1V	11.7V	10.4V	10.9V	9.6V
24V	25.7V	24.3V	24.2V	22.8V	22.7V	21.3V

\*M Level is the default setting.

## 5. Fahrenheit/ Celsius Switching

- To switch between °C and °F on the display.

# APP CONTROL

## 1. Download the APP

Please download the app on a mobile device using the QR code provided or search “Outdoor Joy” in the APP or Google Store.



## 2. Login

Enter a valid email address to create an account/ Login to your account. A verification code will be sent to this email address. Once the code has been entered you will now be able to pair the mobile device with the fridge freezer.

## 3. Bluetooth Connection

Ensure the appliance is plugged in and switched on. Enable Bluetooth on your device, then select “Add Device” to search for nearby fridges. Please make sure you are in close proximity to the appliance.

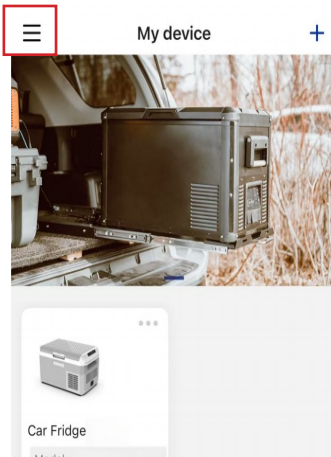
\*To begin searching, you may need to grant access to your location and nearby devices. Make sure these settings are allowed.

## 4. Device Sharing

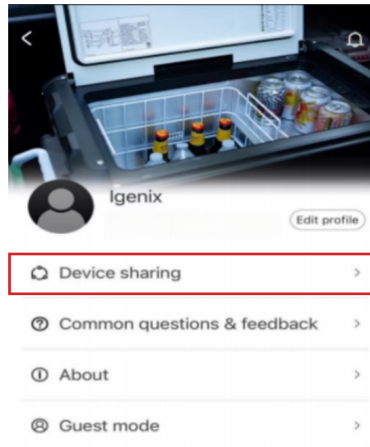
The fridge is designed to connect with only one device at a time. However, you can easily share the connection with a friend or another device.

\*If another device is managing the fridge, you may not be able to access the fridge dashboard.

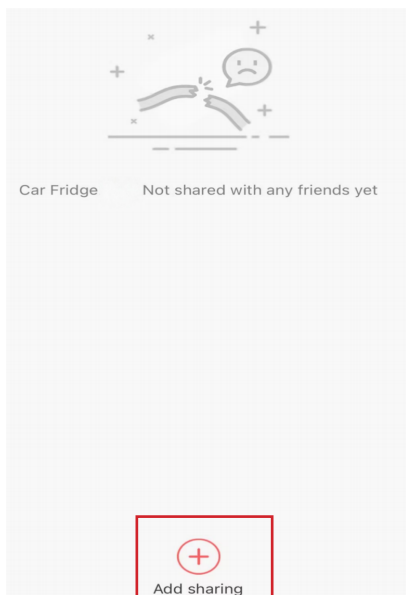
Please follow the below instructions



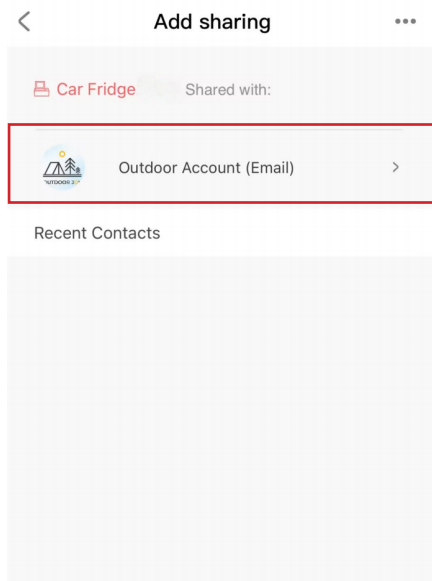
1. Tap the upper left corner to open the menu



2. Navigate to Device Sharing



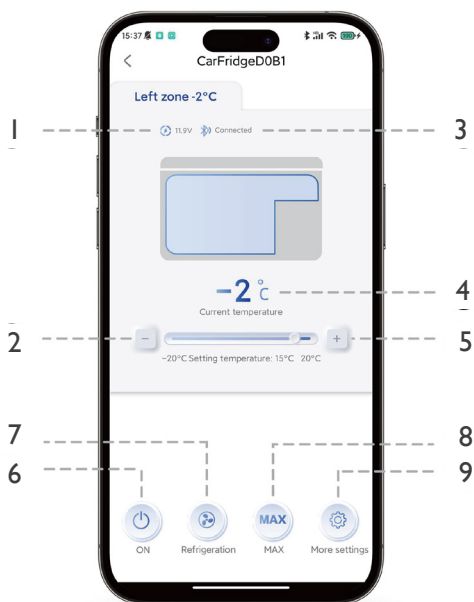
3. Add sharing



4. Select the account and input the email address you wish to share with

### Main Interface

1. Current Voltage
2. Temp Down Control
3. APP Connected
4. Current Temperature
5. Temp Up Control
6. ON/OFF
7. Refrigeration/Freezing Mode
8. MAX/ECO Mode
9. More Settings



**Temperature Control (Up/Down):**

To increase the temperature, press the + control. To decrease the temperature, press the – control. Alternatively, you can move the slider right to increase the temperature or left to decrease the temperature. The target temperature will be displayed under the slider as “setting temp”.

One press will increase the temperature +/- 1°C.

**MAX/ECO Mode:**

The appliance will be in MAX (fast cooling) mode as standard. To enable ECO (energy saving) mode, press the MAX/ECO button and switch to ECO mode.

**Refrigeration/ Freezing Mode:**

To set the appliance to function as either a fridge or freezer, you can choose either of these functions. When set to be a freezer, the temperature automatically adjusts to -18°C. When set to be a refrigerator, the appliance will automatically adjust to 4°C.

**More Settings:**

- **Battery Protection:** Three levels (High / Medium / Low) can be selected. M Level is the default setting.
- **Temperature Unit:** The appliance will show the temperature in °C as standard. To switch to °F, use this control.

# CLEANING AND MAINTENANCE

## Exterior:

- Use a soft cloth with mild detergent if necessary to clean the exterior of the appliance.
- Ensure all surfaces are dry before storage (leave the lid slightly open to ventilate).
- When storing the fridge, the appliance must be disconnected from the power source.

## Interior:

The interior should be cleaned regularly to prevent bacteria and odours from forming.

- Use a soft cloth with mild detergent or anti-bacterial soap, do not use abrasive or strong chemicals.
- Do not use ammonia-based cleaning agents or strong acids.
- The ventilation intake on the rear of the fridge may accumulate dust or debris over time- Check the vents regularly and blow out any dust or remove loose debris.

## Storage when not in use:

When your fridge is not in use, it is best to clean the interior and exterior prior to storage. It is recommended to:

- Turn off the fridge and remove any power cables.
- Keep the lid open to allow air to circulate inside the fridge (this will help keep the interior dry and prevent any odours).

## Defrosting:

It is normal for ice to accumulate on the cooling surfaces of a freezer. This will be more significant in humid environments. Increased ice build up will reduce cooling performance and should be removed periodically.

- Before defrosting, remove any contents of the fridge or freezer compartments.
- Disconnect all power cables from the fridge and open the main door.
- Allow any ice to defrost and melt by itself (Do not use any sharp objects to scrape ice from the cooling surfaces).
- Use a soft cloth to remove melting ice and water.
- It is best to dry the interior before turning on the fridge.

## TROUBLE SHOOTING GUIDE

If you are having problems with your appliance, please use our trouble shooting guide below. If you are unable to resolve the issue using this guide please ring our Customer Service Department on 01473 271 272. Please have the model code and purchase information available.

<b>Problem</b>	<b>Possible Cause / Solution</b>
The appliance does not work	Check the plug is plugged into the socket firmly and turned on at the wall.
	Check/replace the fuse.
	Use appliance in a different socket to check if the socket is faulty.
	Switching the fridge on and off frequently may cause a starting delay to the compressor.
The compartments are too warm	The door is opened frequently.
	A large amount of warm or hot food was stored recently.
	The appliance has been disconnected for a long time.
Food is frozen	The temperature was set too low- Please increase the temperature of the compartment.
There is a 'water flow' noise from inside the appliance	This is normal, it is caused by the flow of refrigerant.
There are water droplets around the casing or door gap	This is normal, the moisture will condense to water when it touches a cold surface.
The compressor is noisy when starting	This is normal, the noise will reduce once the compressor has stabilised.
E1	Low Battery Voltage- Check battery voltage and switch to low voltage cut-off as required.
E2	Fan Failure- Contact the after sales service.
E3	Motor Failure- Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high).

E4	Minimum Motor Speed Error- Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high).
E5	The unit is overloading- Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high).
E6	NTC failure (open-circuit/ short circuit)- Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high).
E7	Communication failure between the display board and its module- Contact the after sales service.
E9	Abnormal phase current of compressor module- Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high).

## MAINS PLUG FUSE REPLACEMENT

### Fuse Replacement (Class I)

This appliance must be earthed. Remove the fuse cover with a small flat head screwdriver. Take out the fuse and replace with a new fuse of the same Amp. Replace the fuse cover and push back into place.



## DISPOSAL INFORMATION

The European Directive 2012/19/EU on Waste Electrical and Electronic Equipment (WEEE), requires that old household electrical appliances must not be disposed of in normal unsorted municipal waste.

Old appliances must be collected separately in order to optimise the recovery and recycling of the materials they contain and reduce the impact on human health and the environment.

The crossed out “wheeled bin” symbol on the product reminds you of your obligation, that when you dispose of the appliance it must be separately collected. Consumers should contact their local authority or retailer for information concerning the correct disposal of their old appliance.



**WARNING:** During use, service and disposal of the appliance, please pay attention to the symbol as shown on the left side. This is located on rear of the appliance (rear panel or compressor). It is a risk of fire warning symbol. There are flammable materials in both the refrigerant pipes and compressor. Please ensure the appliance is located well away from ignition sources during use, service and disposal.

## Igenix Warranty Terms & Conditions

This product is guaranteed for a period of 12 months as standard from the date of purchase against mechanical and electrical defects. You can extend your warranty for a further 12 months by registering your product.

Upon registration we will cover your product for a period of 24 months from the original purchase date against any mechanical or electrical defects.

To qualify for the warranty, the product must be used for domestic household use only and in accordance with the instructions in the user manual. Any misuse of the product will result in the warranty being void.

The warranty does not cover accidental damage, misuse, neglect, tampering or incorrect adjustment or installation.

The warranty will be rendered invalid if the product is resold, has had its serial number removed (or has an invalid serial number), or if an unauthorised person has carried out any repairs or alterations.

The warranty does not cover accessories or consumable parts that require replacement under normal use. This includes shelving, dials, filters, belts and trays etc.

In the unlikely event of a breakdown please refer to the Troubleshooting guide in your user manual and check all plugs, fuses and the electricity supply.

If you still require assistance please contact our Customer Service department on **01473 271 272** or write to us at the following address:

**Customer Service Department  
38 Bluestem Road, Ransomes Europark  
Ipswich, IP3 9RR**

Please quote the Product Code which begins 'IG' or 'DF' and the PO Number on the rating label, and give details of the exact fault. We will then decide whether to repair or replace the item.

Before we arrange the repair or replacement you will be required to return a copy of your proof of purchase. Please retain your original.

If an item is replaced within the agreed warranty period, the warranty for the replacement item will be calculated from the purchase date of the original.

In the event that the product is inspected and no fault is found or the product is not within the warranty period you will be charged for the repair and any carriage costs.



## **Thank you for choosing Igenix**

As a valued customer we would like to offer you a FREE 2 year warranty to cover your product against any electrical or mechanical defects.

This means that in the unlikely event you develop a fault or problem with your product we will happily repair or replace the item free of charge.

To qualify for the 2 year warranty you must register your product within 30 days of purchase. The full Terms & Conditions of our warranty policy are shown on the opposite page. They are also available on our website. **[www.igenix.co.uk](http://www.igenix.co.uk)**

# igenix

38 Bluestem Road, Ransomes Europark, Ipswich, IP3 9RR  
Castle Electrical Factors, Ltd., Dundalk, A91 KA9R, IR  
Tel. 01473 271 272

Disclaimer: Igenix operate a policy of continual improvement and development.  
We therefore reserve the right to change/alter the specification and appearance of our appliances without prior notice.  
All diagrams and images shown in this manual are for illustration purposes only.