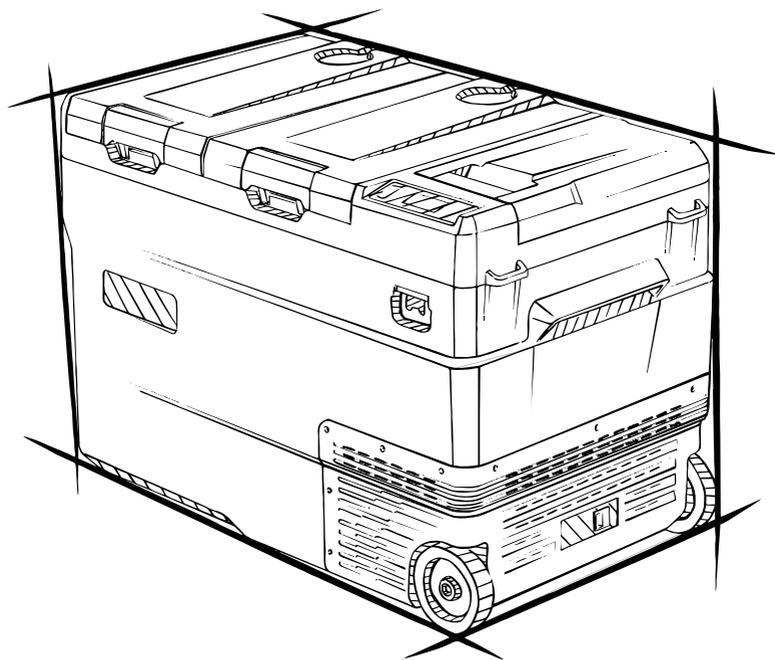


GH2098



43L

DUAL ZONE FRIDGE/FREEZER



INSTRUCTION MANUAL

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WARNINGS & SAFETY INFORMATION

WARNING: The manufacturer is not responsible for any potential injury from misuse

Warnings

- Do not operate the appliance if it is visibly damaged.
- Do not block the gaps of the fridge with things like pins or wires, etc.
- Do not expose the appliance to rain or immerse it in water.
- Do not place the appliance near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.)
- Do not store any explosive substances like spray cans with a flammable propellant.
- Ensure the supply cord is dry and not trapped or damaged. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Check the voltage specification on the type plate corresponds to that of the energy supply. The appliance is only to be used with the power supply unit provided with the appliance.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Once unpacked and before turning on, the appliance must be placed on a level surface for more than 6 hours.
- Make sure that the appliance stays horizontally when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short time running.
- Keep the ventilation openings in the unit casing or in the built-in structure free of obstacles.
- Keep the appliance stable on the ground or in the car; Do not drain upside down.

Caution

- Repairs may only be carried out by qualified personnel. Incorrect repair may cause danger. The lamp and supply cord must be replaced by the manufacturer or qualified persons.
- The installation of DC power in a boat must be handled by qualified electricians.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they've been given supervision or instruction concerning use of the device in a safe way and understand the hazards.

Notice

- Disconnect the power supply before each cleaning and maintenance and after every use.
- Do not use sharp tools to defrost; Do not damage the refrigerant circuit.
- Risk of child entrapment. Before you throw away your old refrigerator or freezer: take off the doors: leave the shelves in place so that children may not easily climb inside.
- Check if the cooling capacity of the appliance is suitable for storing the food or medicine. Food may only be stored in its original packaging or in suitable containers.
- If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- The appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, offices and other working environments;
 - Camping, Farm houses and by clients in hotels, motels and other residential environments;
 - Bed and breakfast type environments;
 - Catering and similar non-retail applications.
- Information, illustrations and specifications in this manual reflect the most current available at the time of publication, are subject to change without prior notice.
- Due to the flammable refrigerant and blowing gas contained in the device, comply with local regulations for disposal.

BEFORE FIRST USE

Prior to using your product, please read all the safety and operating instructions thoroughly. Please ensure you follow the steps below before using the product. We recommend you keep the original packaging for storing the product when not in use.

Please pay close attention to the section entitled Warnings & Safety Information. Find a safe and convenient place to keep this instruction manual for future reference.

Unpack the product but retain all packaging materials until you are satisfied that your new product is undamaged and in working order. Ensure you have all accessories listed in this manual.

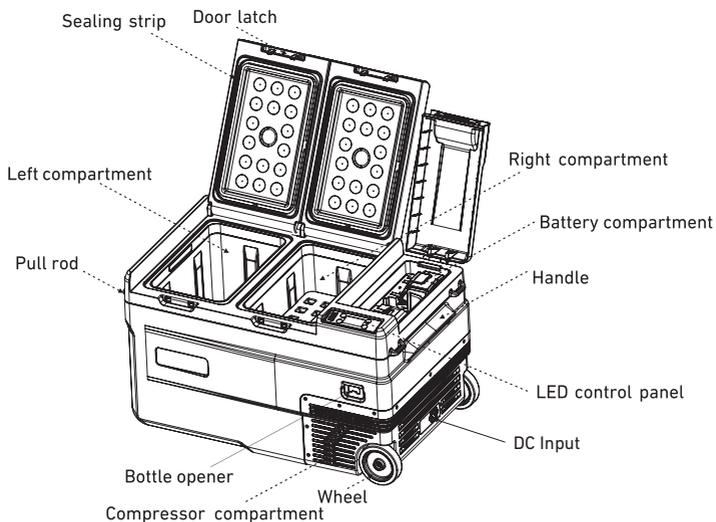
FEATURES

- Dual battery compartment for optional detachable batteries or tool batteries with optional adapter
- Ice-cream mode
- Internal LED light
- DC power connection
- AC adapter included
- Digital temperature display with adjustable control
- USB charging output port
- 3-stage low voltage battery protection
- Folding handle and wheels for portability
- Bottle opener
- App control via Bluetooth

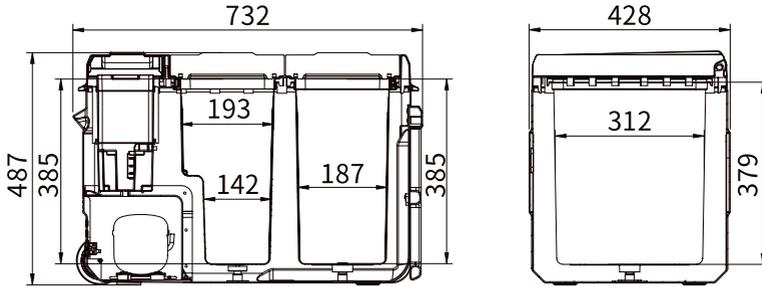
BOX CONTENTS

- 1 x 43L Dual Zone Fridge/Freezer
- 1 x 240V Mains Power Adaptor
- 1 x 12/24V Cigarette Lighter/Merit Car Charger

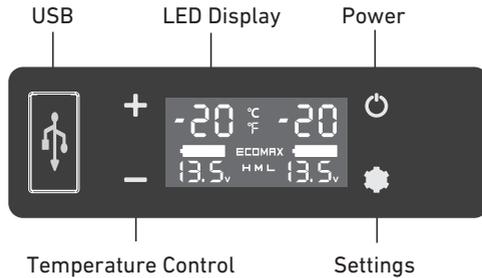
PRODUCT DIAGRAM



PRODUCT DIMENSIONS



FUNCTION AND OPERATION



* Note: the right compartment is on the side where the compressor is.

Power Supply: Connect to DC 12V/24V or AC 100~240V (using dedicated adapter)

Display Screen Initialization: when the fridge is powered on, the buzzer will make a long beep, and the display will be on for one second then enter the standby mode.

Power On/Off: Press  to switch ON, long press  for three seconds to switch OFF.

Temperature Setting: under the running state, long press "+" and  at the same time for three seconds to switch ON/OFF the left compartment, long press "-" and  at the same time for three seconds to switch ON/OFF the right compartment, two compartments cannot be switched off at the same time. When both left and right compartments are set in running state, press "+" or "-" to enter left compartment temperature setting, press "+" to increase temperature, press "-" to decrease temperature, and press  to switch left/right compartment. The setting will be saved after stop operating for four seconds (Note: the temperature displayed is the current temperature of the compartments, it'll take a while to reach the set temperature.) Temperature setting range: -20~20°C(-4~68°F).

Cooling Mode: under the running state, press  to switch MAX(fast cooling) and ECO (Energy saving Mode).(*Factory setting is MAX.)

Ice-cream Mode: long press “-” for three seconds to enter the ice-cream mode; long press “+” for 3 seconds to exit the ice-cream mode;

When entering the ice-cream mode:

Right screen shows ICE instead of 888 and right compartment temperature is fixed at $-22^{\circ}\text{C}(-7.6^{\circ}\text{F})$;

Left compartment can only refrigerate ($0\sim 8^{\circ}\text{C}/32\sim 46.4^{\circ}\text{F}$), not freeze;

Left compartment keeps normal mode temperature set temp

to $8^{\circ}\text{C}(46.4^{\circ}\text{F})$ if $\geq 8^{\circ}\text{C}(46.4^{\circ}\text{F})$;

set temp to $5^{\circ}\text{C}(41^{\circ}\text{F})$ if $\leq 5^{\circ}\text{C}(41^{\circ}\text{F})$;

When exiting the ice-cream mode:

The refrigerator restores its normal cooling function; Temperature setting range of both compartments : $-20\sim 20^{\circ}\text{C}(-4\sim 68^{\circ}\text{F})$;

Left compartment keeps ice-cream mode temperature and right compartment resumes previous normal mode temperature;

Battery Protection Mode: under the running state, long press  for three seconds until screen flashes, then press  again to select protection mode H(High), M(Medium) and L(Low) (*Factory setting is L.)

Voltage Reference:

MODE \ INPUT	DC 12V		DC 24V	
	CUT OUT	CUT IN	CUT OUT	CUT IN
L	8.5V	10.9V	21.3V	22.7V
M	10.1V	11.4V	22.3V	23.7V
H	11.1V	12.4V	24.3V	25.7V

* the voltage is theoretical value, there may be a deviation in different sceneries.

* H should be set when the product is connected to car power, and M or L should be set when it is connected to a portable battery or other back-up battery.

Temperature Unit Setting: under the running state, long press “+” and “-” for 3 seconds until displays E1, and switch to E5 by pressing  again, then press “+” or “-” to switch Celsius or Fahrenheit. (*Factory setting is $^{\circ}\text{C}$.)

Reset: under the running state, long press “+” and “-” for 3 seconds until displays E1, under E1 mode, long press at the same time for 3 seconds to reset the settings.

Rechargeable Battery (Optional): there are two battery cases for optional dual detachable batteries or dual tool batteries or detachable battery+tool battery combo. If you want to charge the batteries, connect the refrigerator to DC/AC power supply, and put the batteries into the battery cases, the display will show the charging status. It is suggested to switch off the refrigerator if you charge the batteries quickly, as the power supply will mainly power the compressor when the refrigerator is running, which will cause the battery to charge slowly.

*Note: the batteries will be charged randomly in turn, and will not be charged if the battery put in is 18V tool battery. The batteries will be used randomly when charge the refrigerator.

WARNING: Do NOT connect the solar panel directly to the battery. This may result in fire.

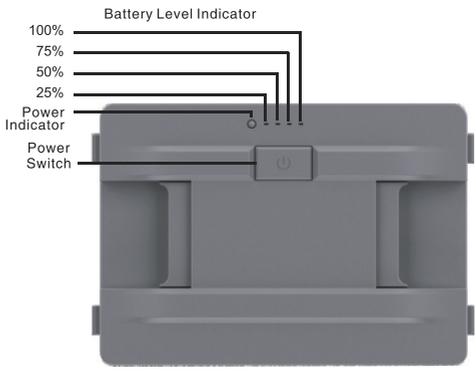
Only use approved chargers with the fridge battery, incorrect chargers may result in fire, damage, a shortened battery life. Do not disassemble, impact, squeeze, crush, or throw or misuse the fridge battery, do not dispose of in fire, any of which may result in short circuit and fire or explosion. If there is swelling and heating of the fridge battery do not continue to use, it may result in fire or explosion, do not use the battery if it is wet or damp.

Battery Operation

Long press  on the battery to switch ON/OFF the battery

Tips to make the battery last longer:

- Set the battery protection to "L" mode
- Pre-chill the fridge to your ideal temperature in advance;
- Do not open the door frequently;
- Do not set the temperature too low if not necessary.



TROUBLESHOOTING

ISSUE	SUGGESTED REMEDY
Refrigerator does not work	<ul style="list-style-type: none"> • Check if the switch is on. • Check if the plug and socket are connected well. • Check if the fuse has been burnt. • Check if the power supply is malfunctioned. • Switch on/off the fridge frequently may cause start delay of the compressor
Refrigerator compartments are too warm	<ul style="list-style-type: none"> • The lid is opened frequently. • A large amount of warm or hot food was stored recently. • The refrigerator has been disconnected for a long time.
Food is frozen	The temperature was set too low
There is "water flow" noise from inside the refrigerator	It's a normal phenomenon, caused by the flow of refrigerant.
There are waterdrops around the refrigerator casing or door gap	It's a normal phenomenon, the moisture will condense to water when it touches a cold surface of the refrigerator.

ISSUE	SUGGESTED REMEDY
The compressor is slightly noisy when starting	It's a normal phenomenon, the noise will be reduced after the compressor works stably.
Code F1 displayed	Possible cause: low voltage to fridge. Adjust the battery protection from High to Medium or from Medium to Low.
Code F2 displayed	Possible cause: condenser fan is overloaded. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F3 displayed	Possible cause: the compressor starts too frequently. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F4 displayed	Possible cause: compressor not kicking in. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service
Code F5 displayed	Possible cause: overheating of the compressor & electronics. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F6 displayed	Possible cause: no parameter can be detected by the controller. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F7 or F8 displayed	Possible cause: temperature sensor is faulty. Contact manufacturer for service.

SPECIFICATIONS

Capacity	39L
Temperature Range	-20°C-20°C
Voltage Input	12-24VDC
Noise Level	<45dB
Refrigerant	R134a
Current Draw	5/2.5A
Power Consumption	60W (Average)
Power Supply	12/24VDC (Car Charger) 240VAC to 12VDC (Mains Power Adaptor)
Net Weight	14kg
Gross Weight	16 kg
Dimensions	660(L) x 384(W) x 427(H)mm

CLEANING, CARE, STORAGE & MAINTENANCE

WARNING: Never use hard or sharp tools to remove ice or to loosen objects frozen in place.

Cleaning

- Unplug the device first to avoid electric shock.
- Use wet cloth to clean the device and dry it.
- Remove the cover and drain from the hole at the bottom of the device.
- Do not soak the device in water and do not wash it directly.
- Do not use abrasive cleaning agents as these can damage the device.

Storage

- If the device will not be in use for a long time, please follow the steps:
- Turn off the power and remove the plug.
- Remove all the items stored in the device.
- Remove the cover and drain from the hole, wipe off excess water with a soft rag.
- Leave the lid slightly open to prevent odour formation.
- Put the device in a cool and dry place.

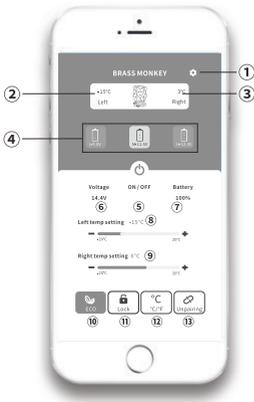
Defrosting

- Humidity can form frost in the interior of the cooling device or on the evaporator, which will affect the cooling performance. Defrost the device regularly to avoid this.
- Switch off the device.
- Take out the contents of the device.
- Keep the lid open.
- Remove the cover and drain from the hole.
- Wipe off the defrosted water.

SMART CONTROL - FRIDGE APP INSTRUCTIONS

Downloading the "BRASS MONKEY" Application

- Using a pre-installed QR reader on your handheld smart device scan the QR code in the manual or on the carton, or search for the "BRASS MONKEY" APP in the iTunes™ App Store (for Apple™ devices) or Google store (Android Devices)
- Start the application and select the Searchfunction.
- The application will prompt you to pair the fridge by pressing the set button  on the fridge's control panel. Once set button  has been activated, the fridge will be paired with your smart device and the application will switch to a control panel allowing you to control the fridge's functions.



- ① SET
- ② Freezer zone current temperature
- ③ Refrigerator zone current temperature
- ④ Battery protection model: High/Medium/Low
- ⑤ Turn ON/OFF the fridge
- ⑥ Current voltage
- ⑦ Battery capacity (Battery is not supported on this model)
- ⑧ Freezer zone temperature setting
- ⑨ Refrigerator zone temperature setting
- ⑩ ECO (Energy-saving) / MAX (Fast cooling) mode switch
- ⑪ Children's Lock/ Unlock
- ⑫ Celsius / Fahrenheit switch
- ⑬ Unpair the device and return to Search

Note:

* Click the lock icon  on the APP to lock/unlock the control panel on the fridge, if locked, the fridge can only be controlled by the APP.

Please scan the QR code to download APP

QR Code for Apple™ Devices



QR Code for Android Devices



WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 3 years. If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.