



DUAL ZONE FRIDGE FREEZER 75L

Model No. GM009-030



- Two separate compartments can be operated independently
- 12/24V DC powered
- Three-level battery monitor to protect vehicle battery
- Emergency override switch
- Switches off automatically at low battery voltage
- Display with temperature gauge in Celsius (°C) or Fahrenheit (°F)
- Temperature setting: With +/- buttons in steps of 0.5 °C
- Temperature range: -18°C to +10°C
- Removable storage baskets
- Approved to New Zealand Standards

Important: Retain these instructions for future use.

This product is not a household appliance and its design & manufacture was intended for use with a frequency corresponding to that of a leisure activity, and is not a substitute for a domestic product with similar function.



IMPORTANT

Read these instructions carefully prior to use. Familiarise yourself with the appliance before connecting it to its gas container. Keep these instructions for future reference.

To reduce the risks of personal injury or damage to property, follow basic safety precautions when using this fridge, including the following:

DO NOT operate any product which has been/ or appears damaged in any manner or after the product malfunctions, or is dropped. Return the complete product immediately to your retailer for inspection, and if necessary, adjustment or repair.

This device may only be repaired by qualified personnel. Improper repairs can lead to considerable hazards.

DO NOT attempt to stand on top of the fridge. Doing so may result in bodily injury or damage to the fridge.

DO NOT operate the appliance on more than one source of energy at the same time.

DO NOT touch cold surfaces of the chiller panel when hands are damp or wet. Skin may stick to these extremely cold surfaces.

The appliance is not intended for use by young children. Young children should be supervised to ensure that they do not play with the appliance.

DO NOT use mechanical devices or other means to accelerate the defrosting process.

DO NOT damage the refrigerant circuit.

DO NOT use electrical appliances inside the storage compartment.

DO NOT operate or place any part of this product on or near any hot surfaces such as a gas flame, or electric element.

DO NOT use the product for other than its intended use as described in these instructions. The use of accessory attachments other than those recommended by the manufacturer may cause safety hazards.

When positioning the device ensure the supply cord is not trapped or damaged.

All refrigeration products contain refrigerants (flammable cyclopentane), which by law must be removed from the product and recovered for proper disposal by qualified technicians prior to product disposal. If you are disposing

of an old refrigeration product, check with the company handling the disposal about what to do.

Keep ventilation openings in/on the device enclosure or in the in-built structure clear of obstruction.

DO NOT use mechanical devices or other means to accelerate defrosting process other than those recommended by the manufacturer.

DO NOT use electrical appliances inside the food storage compartments of the device, unless those of the type recommended by the manufacturer.

DO NOT locate multiple portable socket outlets or portable power supplies at the rear of the appliance.

No customer serviceable parts inside. Return to supplier for repairs

Disconnect the device from power supply:

- Before each cleaning and maintenance
- After every use

Check that the voltage specification on the type plate corresponds to that of the energy supply.

Only connect the device as follows:

- With DC cable to a DC plug socket in a vehicle (e.g. cigarette lighter)

Never pull the plug out of a socket by the cable.

If the cooler is connected to a DC socket: Disconnect the device and other power consuming devices from the battery before connecting a quick charging device.

If the device is connected to a DC socket: Disconnect the device or switch it off when you turn off the engine. Otherwise you may discharge the battery.

The cooling device is not suitable for transporting caustic materials or materials containing solvents.

Before starting the device, ensure that power supply line and plug are in dry condition.

Do not use electrical devices inside the device unless recommended by the manufacturer for the purpose.

Do not place the device near open flames or other heat sources (heaters, direct sunlight, gas ovens etc.).

Danger of overheating!

- Ensure at all times that there is sufficient ventilation so that heat that arises during operation does not build up.
- Make sure that the device is sufficiently far away from walls and other objects so that air can circulate.
- Ensure that ventilation openings are not covered.
- Do not fill the inner compartment with ice or fluid.

Never immerse the device in water.

Protect the device and cable against heat and moisture.

ELECTRICAL WARNINGS

To reduce the risk of electric shock, DO NOT immerse or expose the product, flexible cord or plug to rain, moisture or any liquid or use the product near baths, basins or other vessels containing water or other liquids, or when standing in or on damp or wet surfaces. If any electrical product falls into water, UNPLUG it immediately; DO NOT REACH INTO THE WATER. Important: Prior to reconnecting to the power supply, the product should be inspected by a qualified technician.

DO NOT allow the cord to hang over the edge of a bench top where it may be grabbed by children or become entangled with a passer-by, resulting in possible personal injury and/or property damage.

When moving the fridge, be careful not to allow the product to rest on the power cord.

DO NOT operate the fridge with a damaged supply cord or plug.

Avoid the use of extension cords. If it is necessary to use an extension cord, prior to its use, make sure the extension cord is safe to use, capable of handling the electrical load of the product (refer to product identification label) and has been checked and tested by your electrical supplier or a qualified technician.

To avoid becoming entangled in the cord, NEVER lay it through or along a walkway or thoroughfare.

NEVER unplug an appliance by pulling on the power cord. Always grip the plug firmly and pull straight out from the power outlet.

OPERATION

The fridge is suitable for use with a 12/24V DC supply socket of a vehicle, boat or caravan. Before use please read carefully read the instructions for connecting and shutting the appliance down when you are going to power off.

NOTE

Before starting your new fridge for the first time, you should clean it inside and outside with a damp cloth.

NOTICE! Danger of overheating!

Ensure at all times that there is sufficient ventilation so that heat that is generated during operation can dissipate. Ensure that ventilation slots are not covered. Make sure that device is sufficiently far away from walls and other objects so that air can circulate.

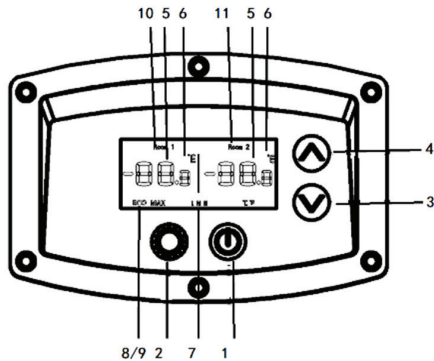
Place the fridge on a stable & firm foundation.

Make sure that ventilation slots are not covered and that heated air can dissipate.

NOMINAL HOURLY CONSUMPTION

Capacity	75 L(44.5L+30.5L)
Battery Power (DC)	5.6A/2.8A
Cooling Range	-18°C to +10°C
Noise Emission	45 dB(A)
Refrigerant	R134a (68g)
Refrigeration Type	Compressor System
Top Clearance	50mm
Side Clearance	50mm
Rear Clearance	50mm

OPERATING DIAGRAM



Buttons			
1		On/Off	Switches cooler On/Off when button is pressed for one to two seconds
2		Settings	Selects input mode: <ul style="list-style-type: none"> • Set temperature • Set Celsius or Fahrenheit temperature unit • Set battery monitor • Set Max or Eco mode
3		▽ Down	Press once to decrease the value
4		△ Up	Press once to increase the value
Display			
5		Display	Shows information: <ul style="list-style-type: none"> • Temperature • Error Message • Voltage Usage
6		Temperature Unit	Displays Celsius (°C) or Fahrenheit (°F) unit
7		Voltage Usage	Displays Battery Voltage
8/9		Mode	Displays MAX or ECO Mode
10/11		Compartment	Displays Room1 and/ or Room2

OPERATING INSTRUCTIONS

For best results in warm weather keep unit shaded from direct sun. Minimise lifting the lid in very hot conditions.

Ensure there is sufficient space around the contents in the fridge for circulation of cold air.

Make sure that ventilation slots are not covered and that heated air can dissipate.

Using the Fridge/Freezer

1. Press the “ON/OFF” button for one to two seconds (same for shutting OFF).
2. The LED display lights up.
3. The display shows current temperature.

NOTE: Temperature displayed is that in the middle of the compartment. The temperature elsewhere in/on the fridge/freezer can deviate from this temperature.

Setting the temperature

Press the “SETTINGS” button once or twice to select the compartment (room1, room2) of the fridge/freezer. To select room1, press “SETTINGS” once; to select room2, press “SETTINGS” twice.

Press the “UP” and “DOWN” buttons to select the cooling temperature in steps of 0.5 °C.

The cooling temperature appears in the display for a few seconds and will be applied automatically. The display flashes several times and then the current temperature is displayed again.

Selecting MAX or ECO modes

1. Switch on the fridge/freezer.
2. Press the “SETTINGS” button 3 times.
3. Use the “UP” or “DOWN” buttons to select ECO or MAX.

Selecting the temperature unit

You can change the temperature unit between Celsius and Fahrenheit.

1. Switch on the fridge/freezer.
2. Press the “SETTINGS” button 5 times.
3. Use the “UP” or “DOWN” buttons to select Celsius or Fahrenheit.

The selected temperature unit appears in the display for a few seconds and will be applied automatically. The display flashes several times before it returns to the current temperature.

MAINTENANCE & STORAGE

Using the Battery Monitor

The device is equipped with a multi-level battery monitor that protects your vehicle battery against excessive discharging when the device is connected to the on-board 12V supply.

If the fridge is operated when vehicle's ignition is switched off, the fridge switches off automatically as soon as the supply voltage falls below a set level. The cooler will switch back on once the battery has been recharged to the restart voltage level.

In "H" mode, the battery monitor responds faster than in modes "L" and "M" (see the following table).

Battery Monitor Mode	L	M	H
Switch-off voltage at 12 V	10.1 V	10.5 V	11.1 V
Restart voltage at 12 V	10.9 V	11.4 V	12.4 V
Switch-off voltage at 24 V	21.5 V	22.3 V	24.3 V
Restart voltage at 24 V	22.7 V	23.7 V	25.7 V

This is how to select the battery monitor mode:

1. Switch on the cooler.
2. Press the "SETTINGS" button 4 times
3. Use the "UP" or "DOWN" buttons to select the battery monitor mode.

The selected mode appears in the display for a few seconds and will be applied automatically. The display flashes several times before it returns to the current temperature.

NOTE: When the fridge is powered by the battery of a vehicle, select the battery monitor mode "H". If the cooler is connected to a supply battery, the battery monitor mode "L" will suffice.

When the fridge is switched off by the battery monitor, the battery will no longer be fully charged. Avoid starting vehicle repeatedly or operating other products with your vehicle battery without recharging your vehicle battery.

When operating via battery power supply, display switches off automatically if battery voltage is low. The display then displays "E1".

Using the Emergency Override Switch

The emergency override switch is located on the control panel. For normal operation the switch is in "normal" position.

If an electronic control failure occurs and the display does not work, switch the fridge/freezer to "emergency override" position.

The fridge/freezer will work at full cooling capacity which may freeze contents.

Never clean the fridge/freezer under running water.

The fridge/freezer must be defrosted regularly for efficient operation.

If the appliance is to remain unused for a long period, disconnect, clean and leave the lid slightly open during storage to prevent unpleasant odours.

DO NOT use scouring pads, powdered cleaners, bleach or cleaners containing bleach because these products can scratch or damage the surface finishes.

When storing the fridge, remove both cords, loosely coil and store inside.

Make sure that the air inlet and outlet vents on the fridge/freezer are free of any dust and dirt, so that heat can be released.

Defrosting the fridge/freezer

Humidity can form frost in the interior of the cooling device or on the vaporizer. This reduces the cooling capacity. Defrost the device from time to time to avoid frosting.

Never use hard or pointed tools to remove ice or to loosen objects which have frozen in place.

To defrost the cooler, follow these steps below:

1. Take out all contents out of the fridge/freezer.
2. Turn off the fridge/freezer.
3. Remove the bungs in each compartment.
4. Leave the lid slightly open until defrosted.
5. Dry the inside of the fridge/freezer before returning contents.

Energy saving tips

Choose a well-ventilated location which is protected against direct sunlight.

Allow warm food or beverages to cool down first before placing them in the fridge to keep them cool.

Do not open the fridge more often than necessary.

Defrost the fridge once a layer of ice forms.

Avoid unnecessarily low temperatures.

TROUBLESHOOTING

Fault	Possible Cause	Suggested Remedy
"E1" lights up	Battery protection cut-out Battery voltage too low - L and unit auto switched off	Change the battery monitor mode: 1. Switch on the cooler. 2. Press the "SETTINGS" button 4 times 3. Use the "UP" or "DOWN" buttons to select the battery monitor mode.
"E2" lights up	Fan over-current cut-out Normal current is 1A	Call customer services.
"E3" lights up	Refrigeration system too heavily loaded and motor speed become too lower or broken	Call customer services.
"E4" is lights up	PCB defect	Call customer services.
"E5" lights up	Thermal cut-out of over heat Protection If the ambient temperature is higher than 55 , controller will be stopped.	Check ventilation outlet too hot. Power off and cool down the cooler freezer. Call customer services.
"E6" lights up	Replace NTC thermostat	Call customer services.
When operating from the 12/24 V socket (cigarette lighter): <ul style="list-style-type: none"> The ignition is on and the device is not working and LED is not lit up Pull the plug out of the socket and make the following checks. 	The cigarette lighter socket is dirty. This results in poor electrical contact.	If the plug of your cooler becomes very warm in the cigarette lighter socket, either the lighter socket must be cleaned, or the plug has not been assembled correctly.
	The fuse of the 12/24 V plug has blown.	Call customer services.
	The vehicle fuse has blown.	Replace the vehicle's 12/24 V socket fuse (usually 15 A). Please refer to your vehicle's operating manual.
Device does not function; LED does not GLOW	There is no voltage present in the 12/24 V socket (cigarette lighter) in your vehicle.	The ignition must be switched on in most vehicles to apply current to the cigarette lighter.
	The device fuse is defective.	Replace the device fuse. Call customer services

For any queries or assistance call

Customer Service

0800 161 161

Hours of operation:

Monday to Friday 8.00am - 5.00pm

Return to place of purchase.

Keep your purchase receipt, this will be required to
make any claims under the 12 month warranty.

Gasmate®