

ICECO

GOseriesDANGER:Risk of child entrapment

Contents

- 1. SAFETY INFORMATION.....1
- 2. DATA SHEET.....2
- 3. DESCRIPTION.....2
- 4. INSTALLATION.....3
 - 4.1 USING THE REFRIGERATOR IN A VEHICLE3
 - 4.2 ELECTRONIC CONTROL.....4
 - 4.3 BATTERY PROTECTION LEVEL.....4
- 5. CONTROL PANEL USE.....5
- 6. OFF-SET VALUE.....6
- 7. FILLING.....6
- 8. DEFROSTING.....6
- 9. MAINTENANCE.....6
- 10. CLEANING.....7
- 11. SUGGESTIONS.....7
- 12. FAULTS7
- 13. APP CONTROL8

SAFETY INFORMATION:

Please read this operating manual carefully before starting the appliance. Keep it in a safe place for future reference. If the appliance is passed on to another person, this instruction manual must be handed over to the user along with it.

The manufacturer cannot be held liable for damage resulting from improper usage or incorrect operation.

WARNING

- This appliance can be used by children aged 8 years or over, as well as by persons with diminished physical, sensory or mental capacities or a lack of experience and/or knowledge, providing they are supervised or have been taught how to use the device safely and are aware of the resulting risks.
- Children should be ensured that they do not play with the appliance.
- Cleaning and user maintenance shall not be carried out by children without supervision.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Do not use this appliance near direct heat sources, for example, a cooker, radiator or exposing it to direct sunlight.
- The appliance shall not be exposed to rain. Place the refrigerator on a dry, protected surface, away from edges.
- Do not use an extension cord.

NOTICE

- No responsible for the damage by ignoring the safety instructions 4WD Supacentre.
- The use of accessories that are not recommended by 4WD Supacentre can cause injuries and will invalidate any warranty that you may have.
- Place the products so that they do not collide against each other or break when the appliance is in motion.
- Only qualified technical personnel and an assistant organization authorized by the manufacturer can replace the power cable.
- Disconnect the power cable from the plug before carrying out any maintenance.

INTENDED TO USE

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

- Staff kitchen areas in shops, offices and other working environments;
- Farm houses and by clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.

CAUTION

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

Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by 4WD Supacentre.

Do not place ice or liquids which are not sealed in containers within the refrigerator.

Do not place hot products or hot food in this appliance.

Correct Disposal of this product:

To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the recovery systems or contact the retailer that they can take this product for environmental safe recycling.

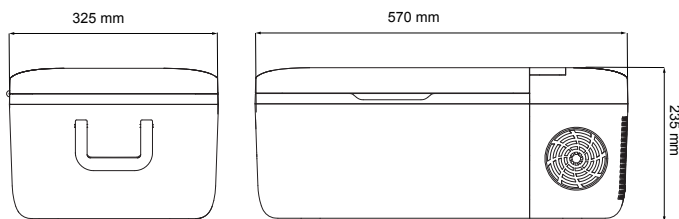
Before you throw away your old refrigerator or freezer:

- Take off the doors.
- Leave the shelves in place so that children may not easily climb inside.

DATA SHEET

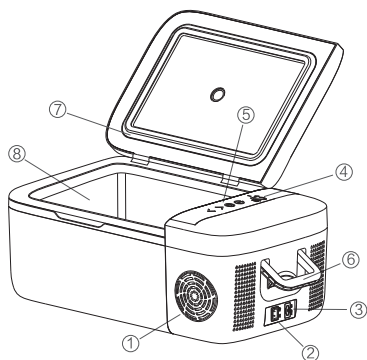
MODEL GO12	
External dimensions(HxWxL)	570x320x230mm
Net weight	8.7Kg(19.2 lbs)
Installed power	45W
Supply voltage	DC 12-24 V
Temperature setting	+10 to -18 °C (0 °F to 50 °F)
Cooling system	SECOP BD1.4F-VSD
Refrigerant gas	R134a-CFC Free
Insulation	C-pentane
Shell material	ABS

This appliance contains fluorinated greenhouse gas R134a within a hermetically sealed system and its operations depend on the presence of this gas.



DESCRIPTION

- ① Ventilation of compressor
- ② Cable connection
- ③ Fuse
- ④ Digital LCD display
- ⑤ Touch control panel
- ⑥ Folded handle
- ⑦ Sealing ring
- ⑧ Inner cabinet

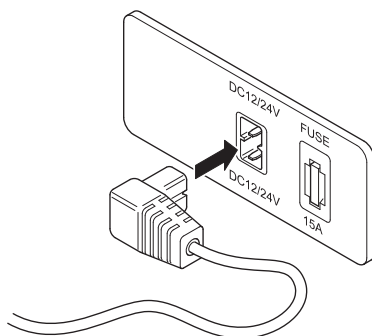


INSTALLATION

BEFORE INITIAL USE

- Place the refrigerator on a dry, sheltered, flat surface and away from any edges. The refrigerator must not be used unsheltered, in the open air or exposed to splashing or rain.
- Your refrigerator requires good ventilation, especially around the back of the refrigerator, allow a gap of at least 15 cm around the sides, back and top. Never use your refrigerator in the boot of a car or against.
- Do not install the refrigerator near heat sources, sunlight.
- Should you need to leave the device under the sun for long periods, eg. in a car or in other vehicles, make sure you protect it, prevent the cover plastic materials from getting damaged or warped.
- To fix it inside the car and to avoid damages during transport, we suggest to secure the fridge trough metal brackets placed on the sides.

USING THE REFRIGERATOR IN A VEHICLE



- Connect the feeding cable to a direct current 12 or 24 V DC power source.
- Make sure the polarity is right.
- The supply line is protected by a 15 A fuse located on the box.
- If connected to an existing cigarette plug, carefully check up that power supply is sufficient.
- If the supplied power cable is not used, please see the table containing the information related to the cable section:

The Fridge/Freezer is designed to operate on DC voltage inputs.

DC input	12V or 24V
DC cable	2.5m, 16AWG

Read the "CONTROL PANEL USE" section to learn how to modify the battery protection level.

DANGER: Risk of child entrapment. Before you throw away your refrigerator or freezer

ELECTRONIC CONTROL

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 DC supply.

If the cooler is operated when the vehicle ignition is switched off, the cooler 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. The compressor will start up again automatically in a few minute when the voltage goes back to normal values.

Note: these values are measured at control unit input and/or on the DC socket.

NOTICE! DANGER OF DAMAGE!

When switched off by the battery monitor, the battery will no longer be fully charged. Avoid starting repeatedly or operating current consumers without longer charging phases. Ensure that the battery is recharged.

BATTERY PROTECTION LEVEL

It is possible to set three different battery protection threshold levels:

VOLTAGE PROTECTION POSITION	DISPLAY	12V		24V	
		CUT OFF (V)	CUT IN (V)	CUT OFF (V)	CUT IN (V)
LOW	1 Bar   	9.4	10.4	21.1	22.7
MIDDLE	2 Bars   	10.9	12.0	22.0	23.6
HIGH	3 Bars   	11.6	12.7	24.0	25.6

This device complies with Industry Canada licence-exempt RSS standard(s).

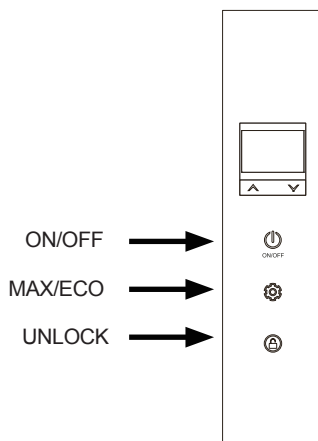
Operation is subject to the following two conditions: (1) This device may not cause interference, and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.

L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

CONTROL PANEL USE



SETTINGS

- When the appliance is switched-off, keep pressed the "ON/OFF" button for three seconds to switch it on;
- When the appliance is switched-on, keep pressed the "ON/OFF" button for three seconds to switch it off;
- When the appliance is switched-on, the "ON/OFF" button is lighted on.

TEMPERATURE SETTING:

- When the appliance is switched on press Λ or V button to adjust the temperature. Pressing and holding Λ or V button, the temperature will be adjusted 4 °C/per second (the default temperature setting is 18 °C).

MAX MODE AND ECO MODE SWITCH:

- When the appliance is switched on press "MAX/ECO" button to switch different modes (the default setting is MAX).

UNLOCK BUTTON:

- If there aren't operations for 90 seconds, the display will automatically enter in "locked" mode. Until the appliance is locked, the "unlock" button will be lighted on. When the display is locked, other buttons will not react even if you press them.
- When the display is locked, keep pressed the "unlock" button for three seconds to unlock the display. When the display is unlocked, all the buttons will be lighted on.
- "ON/OFF" button is not influenced by the "unlock" button. If you keep pressed the "ON/OFF" button for three seconds while the display is locked, the appliance will switch off

BATTERY PROTECTION MODE AND CELSIUS AND FAHRENHEIT SWITCH:

When the appliance is switched off, press and hold both Λ and V buttons for 3 seconds, to enter into the setting menu. Press "ON/OFF" button, to switch from battery protection mode to temperature compensation (F1/F2/F3) and Celsius/Fahrenheit settings, then press Λ or V to set the related parameter settings:

- battery protection: press Λ or V button to set the battery protection level (the default setting is medium level)
- Celsius and Fahrenheit switch: press Λ or V button to switch the unit measurement (the default setting is Celsius). C represent Celsius; F represent Fahrenheit.

OFF-SET VALUE

This is the information needed to align the temperature shown on the display with the actual temperature inside the refrigerated compartment. Each off-set can be adjusted within a range of from -18°C to $+10^{\circ}\text{C}$ (0°F to 50°F). After running the refrigeration system for a few hours, place a digital thermometer (not supplied) inside the compartment, in a location where a more accurate temperature is required, and check that the temperature shown on the display coincides with the temperature shown on the digital thermometer. If the temperature is not the same, the off-sets must be adjusted in relation to the temperature you want the inside of the compartment to reach, so that the temperature reading on the display coincides with the temperature indicated by the thermometer.

The following table shows the factory off-set setting for each temperature range and the adjustment range for changing these settings.

OFF-SET	FUNCTION	VALUE DEFAULTED WHEN SHIPMENT	
		LEFT BIN	RIGHT BIN
F1	Set temperature $\geq 0^{\circ}\text{C}$, temperature compensation value	$0^{\circ}\text{C}(32^{\circ}\text{F})$	$0^{\circ}\text{C}(32^{\circ}\text{F})$
F2	$-1^{\circ}\text{C} \geq$ Set temperature $\geq -14^{\circ}\text{C}$, temperature compensation value	$0^{\circ}\text{C}(32^{\circ}\text{F})$	$0^{\circ}\text{C}(32^{\circ}\text{F})$
F3	Set temperature $\leq -15^{\circ}\text{C}$, temperature compensation value	$0^{\circ}\text{C}(32^{\circ}\text{F})$	$+2^{\circ}\text{C}(35.6^{\circ}\text{F})$

Setting temperature compensation:

When the appliance is switched off press and hold both $\wedge$ and $\vee$ buttons for 3 seconds, to enter into the setting menu. Press "ON/OFF" button, to switch from battery protection mode to temperature compensation (F1/F2/F3) settings, then press $\wedge$ or $\vee$ to set the related parameter settings.

FILLING

Do not put hot food items into the refrigerator. Place the products in such a way to avoid them hitting against each other or breaking due to the movement of the vehicle.

Make sure that the lid is always well closed and open it for as short as possible.

DEFROSTING

Defrosting is needed when the layer of frost is thicker than 4 mm. To carry out this operation, turn off the refrigerator. Do not use sharp or cutting tools to remove the layer of frost or ice. Wait until complete unfreezing and then turn on again.

MAINTENANCE



Before carrying out any maintenance operation on the refrigerator, take the power cable out of its socket.

CLEANING

- Regularly clean the inside and outside of the refrigerator using only warm water and a neutral detergent.
- Subsequent to washing, rinse with clean water and dry thoroughly using a soft cloth.
- Do not use the following: special glass and mirror cleaning products, liquid, powder, or spray detergents, alcohol, ammonia or abrasive products.
- If you are not using the refrigerator, we suggest cleaning it well inside and leaving the door half open to ventilate the interior.

SUGGESTIONS

Should the device fail to work or work badly, before referring to our after-sales service, make sure that:

- a) the feeding voltage is not missing;
- b) the voltage is the same as the one shown on the plate;
- c) the connections and the polarities are right;
- d) the airing grids are not covered over;
- e) the refrigerator unit is not near any heat source;
- f) the fuse of the feeding line is not blown.



The power supply cable must be replaced only by qualified technical personnel and in any case by an after sales service authorised by the Manufacturer.

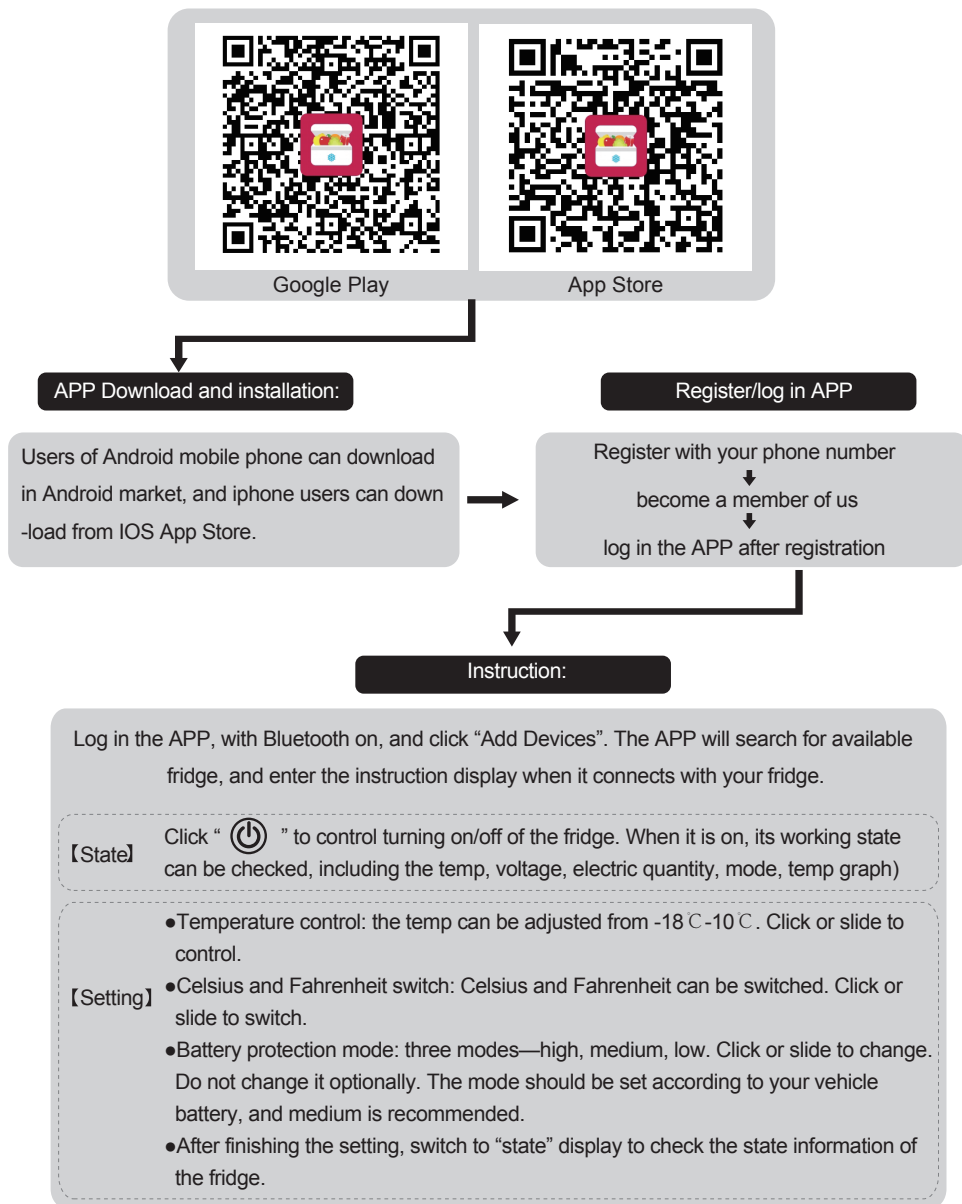
ICECO is not liable in any way if you do not comply strictly with all the previsions in this manual.

FAULTS

When there is error for the fridge, there will be code on the display. The possible error for each code would be as follows

ERROR CODE	ERROR TYPE
E1	The low battery protection mode take effect (the input voltage is lower than set value)
E2	Fan error/Short circuit/ Frequently start and stop
E3	Compressor motor start error (Motor block or refrigeration system pressure difference is too large.)
E4	The motor speed of the compressor is too low (the refrigeration system is overloaded, the motor cannot maintain the minimum speed of 1850r/min)
E5	Temperature too high or too low to protect the compressor control module (when the environment temperature is too high or too low, or system load is too large, causing module/ECU internal temperature $100^{\circ}\text{C} >$ or $< -10^{\circ}\text{C}$)
E6	NTC fault (NTC open circuit or short circuit)

APP CONTORL



FCC warning:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

OUR GUARANTEE

ICECO product comes with a 3 year warranty on the compressor and 1 year warranty on all other parts for your peace of mind. In the unlikely event this product fails when used according to our user guide, we will either repair or replace it. For full warranty terms and conditions on this product, please see the user guide at:

Customer Support
For any technical or warranty
enquires please visit our customer
service portal at:
www.icecofreezer.com

AUSTRALIAN DIRECT PRODUCT QUALITY

This product is warranted for 3 years on the compressor and 1 year for all other parts from the date of purchase. In America, our goods come with guarantees that cannot be excluded under the American Consumer Law. You are entitled to a replacement or refund for a major failure and 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 the failure does not amount to a major failure.

Warranty does not cover products that have not been used in accordance with user guide or are outside the warranty terms and conditions.

QUESTIONS AND COMMENTS

Please visit us at icecofreezer.com or email us at support@icecofreezer.com