

Cooling Box

FCR/FC15 FCR/FC30 FCR/FC40 FCR/FC50



Portable Refrigerator Manual

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Thank you for choosing smart portable refrigerator products. Please read this manual carefully before using. Keep the manual in a safe place.
Please hand on this manual together if you deliver the refrigerator to another person.

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Manual Notifications

WARNING !

- Safety instructions: Improper operation may cause fatal or serious injury, and damage to the refrigerator.
- Safety instructions related to current or voltage. Failure to follow this instruction may lead to injury or damage to the refrigerator and impair the function of the product.

CAUTION !

- Safety instructions: failure to observe this instruction can lead to injury.

Safety Instructions

WARNING !

1 The manufacturer hereby declares not responsible for damage caused by the following actions.

- Overvoltage and mechanical breakage lead to refrigerator damage.
- Retrofitting the refrigerator without the permission of the manufacturer.
- Failure to follow the manual instructions.

WARNING !

2 Warning - Fatal Hazard from Electric Shock

- Never touch the damaged power cable directly with your hands, especially when it is connected to AC mains supply. It's very dangerous!
- Disconnect the refrigerator and other power consuming devices from the battery before connecting the quick charging device.
- Check that the voltage specification on the type plate corresponds to that of the energy supply.

- Do not try to open the circuit part of the product.

CAUTION !

- If you are operating your refrigerator on board a boat from a mains connection of 100- 240 V~ , you must install a residual current circuit breaker between the 100 - 240 V~ mains and the refrigerator.
- Seek advice from a trained technician.

CAUTION !

- Battery contains acid and corrosive substances. Careful with using.
- Do not store any corrosive substances.
- Do not place obstructions in or near the compressor refrigeration system of the product.
- Do not use electrical devices inside the refrigerator.
- If this device's power cable is damaged, it must be replaced by the manufacturer or a similarly qualified person in order to prevent safety hazards.

Operating the device safely

CAUTION !

- Product working voltage: DC 12V/24V
- The refrigerator is suitable for cooling and freezing food. The model FC/FCR 15/30/40/50 are all single zone refrigerators.

WARNING !

- The temperature display is based on the temperature at the center of the container.
- Compressor refrigerators can be used for home, car or boat, and can also be used for camping.

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WARNING !

- The refrigerator can work properly when the ambient temperature is between - 5° C to +43° C and the maximum humidity is 90%.
- The refrigerator works properly under the maximum inclination angle 30 degrees. (Note: If the inclination angle exceeds 15 degrees, the noise will increase when the refrigerator is working, but no influence to the refrigeration function).
- The raw materials used in the production process all meet the restrictions and requirements of all kinds of laws and regulations.

General requirements for all instructions CB, LVD:

- GWP: R1234yf: 4
- 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.
- This 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 have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- Children aged from 3 to 8 years are allowed to load and unload refrigerating appliances.

- It must only be supplied at safety extra low voltage corresponding to the marking on the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or a similarly qualified person in order to avoid a hazard.
- Suitable for camping use and the appliance shall not be exposed to rain.

CAUTION

- Please keep the products away from the fire or similar glowing substance before you dispose the refrigerator.
- Disconnect the power supply before cleaning and maintenance.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- 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.

WARNING!

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

WARNING!

Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

To avoid contamination of food, please respect the following instructions:

- Opening the door for long periods can cause a significant increase of the temperature in the compartments of the appliance.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the refrigerator, so that it is not in contact with or drip onto other food.
- If the refrigerating appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.

Correct Disposal of this product



- This marking indicates that this product should not be disposed with other household wastes throughout the EU. 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 return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

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Specification requirements for models using flammable refrigerant (R1234YF) only:



WARNING!

Risk of fire / flammable materials.



WARNING!

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



WARNING!

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

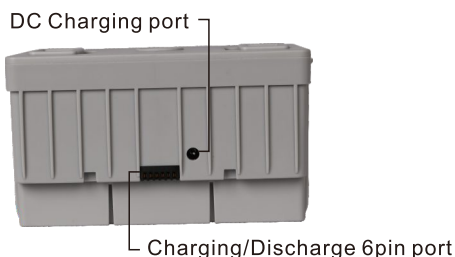


WARNING!

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

The specification requirements for battery models only:

- the battery must be removed from the appliance before it is scrapped;
 - the appliance must be disconnected from the supply mains when removing the battery;
 - the battery is to be disposed of safely.
- the type reference of the battery;
(JG01-3S6P)
 - the orientation of the battery with regard to polarity;
 - the method of replacing batteries;



As shown in Fig. 1, press the battery button along the direction of the arrow, then pull out the battery as shown in Fig. 2, and finally pull out the battery as shown in Fig. 3. Remove the battery according to local requirements to recycle properly disposed of.

Take out a new battery pack, according to the positive and negative marks on the battery pack, aim at the positive and negative poles in the cabin, and put them into the cabin.



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details regarding safe disposal of used batteries;

When the battery life ends, it should be removed from the equipment immediately. Disposal the battery safely and properly (follow the local waste battery recycling requirements). Do not put it directly into fire or water.

warning against using non-rechargeable batteries;

The use of non-rechargeable batteries may explode, do not use any other batteries without permission, the equipment must use the manufacturer's battery.

how to deal with leaking batteries.

If the battery leaks are found, stop using it immediately, remove it and dispose of it safely and properly according to local waste battery recycling practices.

• The instructions give information regarding charging

With charging voltage 12.6V(4.2V/cell), current 3.12A.continued to charge the battery pack, when charging current drops to0.312A. charging is terminated, shall be full charged.

Safety Warning



Battery Precautions and Safety Instructions

- Please be sure to take to comply with the specifications and the following precautions to use with batteries, did not follow the specifications for the operation caused any accidents, Jianguang Electronic Co, Ltd. will not accept any responsibility.
- Please use 0.5C current to charge up 60% capacity after the battery placed 3 months.
- Before Use the battery, carefully read the instruction and battery labels on the surface.
- Need to use the original battery charger, and should be placed in a dry ventilated place.
- Such as long-term when not in use, the battery charger to charge state half full, remove the battery from the device and separated, to avoid metal

contact with the battery, causing short-circuit or damage to the phenomenon.

- In use or during storage, battery found there has been high fever, leakage, odor, distortion and other anomalies, please stop using it immediately and stay away from the battery.
- Do not short-circuit the battery positive and negative, and careful not to allow the battery to moisture, to avoid danger.
- Using keep away from heat, High pressure place, and do not beat, hit the battery.
- Battery end of life should be immediately removed from the equipment, Please properly handle security of spent batteries, do not put into fire or water.

CAUTION

Failing in following items can cause leakage, heat even fire:

- Prohibition of reverse charge of battery.
- Prohibition of overcharge of battery.
- Prohibition of overdischarge of battery.
- Prohibition of short circuit of positive and negative of battery.
- Please charge by specified charger.
- Don't knock, beat, nail or disassemble battery.
- Please keep away from fire or other heating sources and prohibition of dumping of battery into fire.

Guideline

- If electrolyte comes into contact with the skin or eyes where shall flush the electrolyte immediately with fresh water and physicians' advice is to be sought.
- Don't use or storage battery under the circumstance beyond specified, unless will weaken battery performance and shorten battery life-span, even will cause heating, fire or explosion.
- Please insure battery in quality guarantee duration before using.
- If batteries are too dirty, please clean them before using. Unless will cause abnormal work of battery.

This device complies with Part 15 of the FCC Rules. Operation is subject to

the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Caution:

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

FCC Statement:

"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."

RSS-Gen & RSS-247 statement:

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.

RSS-102 Statement:

This equipment complies with Industry Canada radiation exposure limits set forth for an uncontrolled environment. Cet équipement est conforme à l'exposition aux rayonnements Industry Canada limites établies pour un environnement non contrôlé.

Operation

1 Before initial use

! CAUTION !

- Please check whether the accessories are available at the first when opening the package.
- Please place the product in a dry place, and pay attention to prevent rainwater from spilling.
- Please do not use the product with the main power supply device outdoors, and be carefully not to wet the power supply device.
- There is a 12/24V DC power supply interface on the power supply device. Do not place the device near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.).
- Ensure that there is sufficient ventilation so that the 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 the air can circulate. Ensure that the ventilation openings are not covered.