

# ICECO

## TR45 / TR60 FRIDGE USER MANUAL

Please read and understand this manual completely  
before using this product

## 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 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 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.

### NOTICE

- No responsible for the damage by ignoring the safety instructions ICECO.
- The use of accessories that are not recommended by ICECO 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.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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 ICECO.
- 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.

### DANGER:

- Risk of child entrapment.

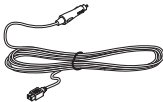





Before you throw away your old refrigerator or freezer:

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

## DATA SHEET

MODEL	TR45	TR60
Dimensions (LxWxH)	66.4x41.4x44.4 cm 24.1x16.3x17.5 inch	66.4x41.4x53.4 cm 24.1x16.3x21.0 inch
Net weight	18.0Kg 39.7 lbs	19.8Kg 43.7 lbs
Installed power	55W	55W
Supply voltage	DC 12V/24V	DC 12V/24V
Temperature setting	-18°C to +10°C (0°F to 50°F)	-18°C to +10°C (0°F to 50°F)
Refrigerant gas	R134a-CFC Free	R134a-CFC Free
Insulation	C-pentane	C-pentane
Shell material	PP	PP

### Product accessories:

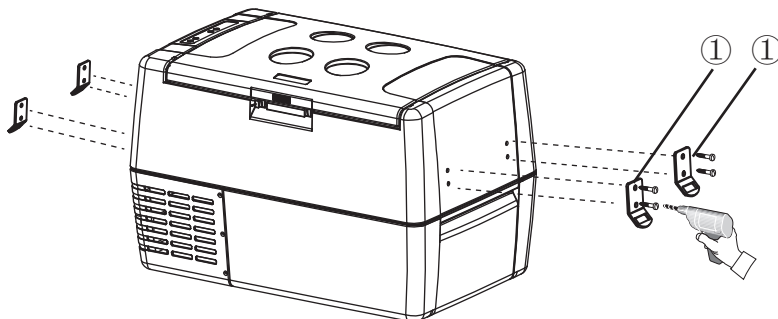
DC connection cable		1 pcs
AC Adapter		1 pcs
Wheel		2 pcs
Handle fixing buckle		4 pcs
Handle strap		2 pcs
Screw		12 pcs

# INSTALLATION METHOD OF HANDLE STRAPS AND WHEELS

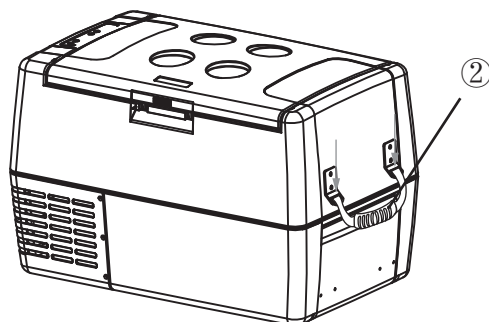
TR45 & TR60 refrigerators are equipped with hand straps and pulleys to facilitate your travel.

- 1、 Installation of handle belt assembly: install handle fixing buckle ① on both sides of refrigerator with screws.
- 2、 Use the handle belt ② to pass through the handle fixing buckle holes on both sides, and adjust the appropriate length.
- 3、 Wheel assembly installation: install wheel ③ to the side of refrigerator with screws.

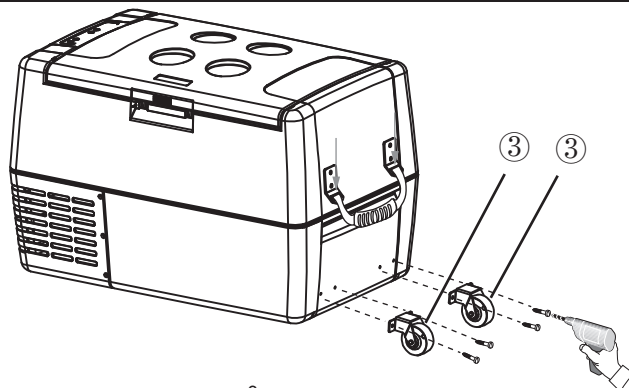
step 1



step 2



step 3

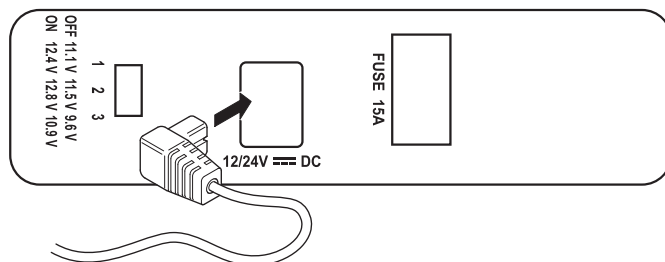


# INSTALLATION

## 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, e.g. 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.

## HOW TO USE THE REFRIGERATOR



- 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, please 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.**

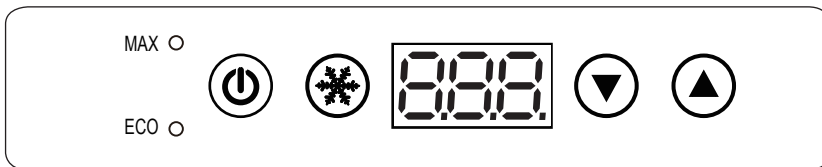
DC input	12V or 24V
DC cable	3.5m, 16AWG

### Using the refrigerator at home (AC):

- Please connect the 12V/24V DC Power Cable with the refrigerator.
- Then connect 12V/24V DC Power Cable and Adapter Power Cable with Adapter.
- Finally inserting Adapter Power Cable into the power socket.

## ADJUSTING THE TEMPERATURE:

1. Turn the fridge on by connecting to power and pressing the '⏻' button.
2. The display will show the fridge's current internal temperature.  
The fridge will start cooling to the last set temperature.
3. To adjust the set temperature, press the '▲' or the '▼' arrow buttons until the desired set temperature is displayed. Additionally, the set temperature can be adjusted in 4°C increments (per second) by holding either '▲' or '▼' down.



## SWAPPING BETWEEN FAHRENHEIT(°F)& CELSIUS(°C)

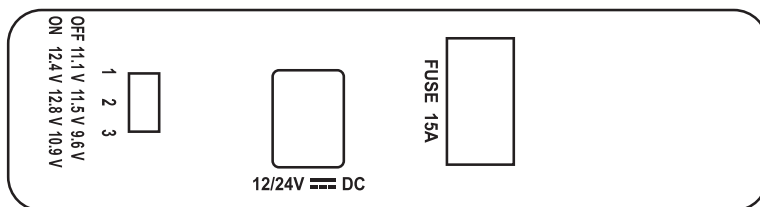
1. To choose between Fahrenheit and Celsius, hold down both the '❄️' & '▼' arrow simultaneously and the screen will begin to flash.
2. Press either the '▲' or '▼' arrow button to choose either Celsius (°C) & Fahrenheit (°F).

## FASTER COOLING (MAX)& EFFICIENT COOLING(ECO) SETTINGS:

- Press the '❄️' to switch between the ECO and MAX settings. The indicator light will illuminate next to the selected mode, red (MAX) or green (ECO).

## ADJUSTING THE LOW VOLTAGE CUT-OFF:

ICECO Fridge come with three different settings for voltage cut-offs:



Option \ Voltage	12V		24V	
	Switch off	Switch on	Switch off	Switch on
1	11.1V	12.4V	22.3V	23.7V
2	11.5V	12.8V	24.3V	25.7V
3	9.6V	10.9V	21.3V	22.7V

## BATTERY START PROTECTION:

1. The fridges comes with a 5-second start-up delay for the fan and a 20-second start-up delay for the compressor.

This is used to not overload the battery of the vehicle when it is frist starting.

2. During the 20-second delay, the user can still adjust settings.

## TROUBLESHOOTING:

Code	Description	Action
E1	Battery Voltage is low.	Check battery voltage and adjust Low Voltage Cutt-Off as required.
E2	Fan failure / Frequent start-stop.	Contact point of sale to arrange further action.
E3	Compressor startup problems.	Check air vents are clear. Move fridge to cooler location (ambient temperature may be too high).
E4	Compressor's running speed fails to reach the requirements.	
E5	The model is overloading.	
E6	NTC failure(open circuit or short circuit)	

## **OUR GUARANTEE**

ICECO product comes with a 5-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.

**Customer Support**  
For any technical or warranty  
enquires please visit our customer  
service portal at:  
[www.icecofreezer.com](http://www.icecofreezer.com)

## ***Quality Service Guarantee***

This product is warranted for 5 years on the compressor and 1 year for all other parts from the date of purchase. Our goods come with guarantees that cannot be excluded under the Local 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](http://icecofreezer.com) or email us at [support@icecofreezer.com](mailto:support@icecofreezer.com)*