

ICECO

VL45/60 ProS



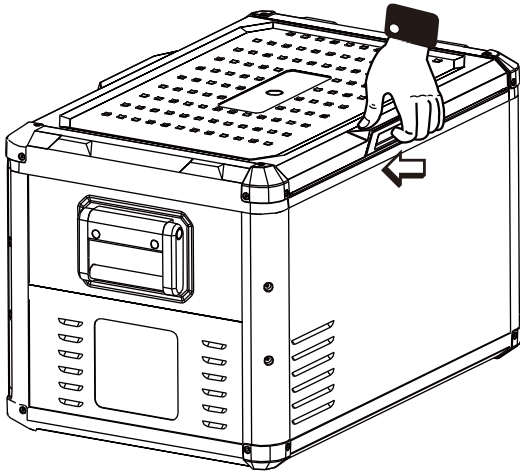
If you have any questions or concerns, please email us at
official@icecofreezer.com

Catalogue

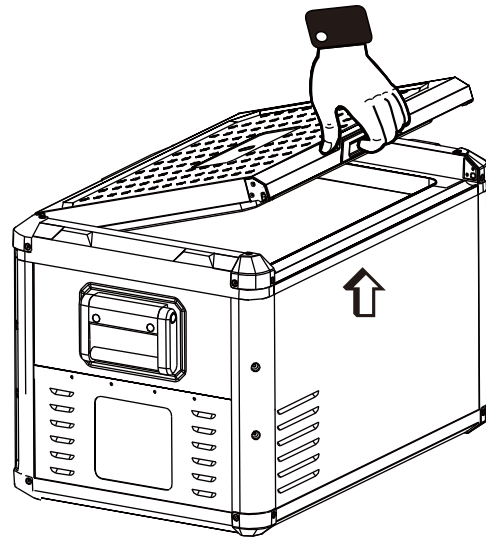
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1 Tips For Opening The Door

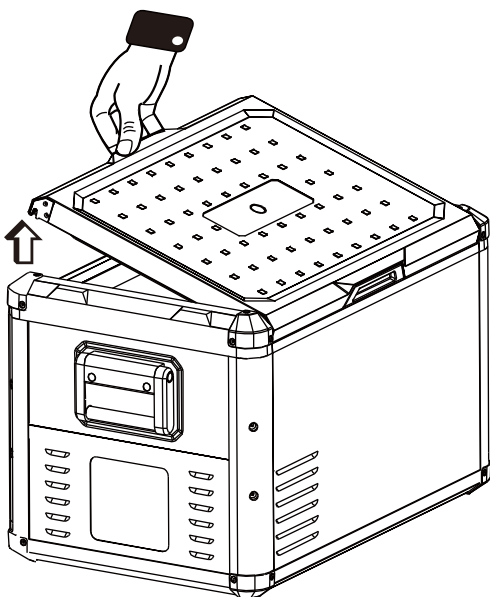
1. To open the lid left, keep fingers together and grip the right latch.



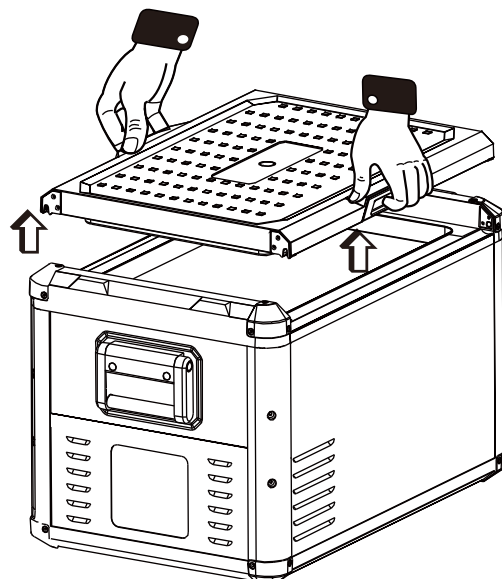
2. Push the latch inwards and lift up the lid.



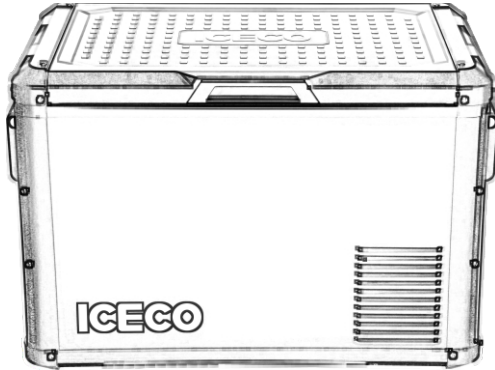
3. To open the lid right, repeat the above steps.



4. Grip the latch on both sides and push them inwards to disassemble the lid.



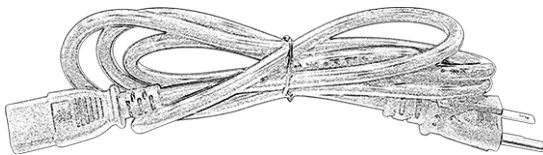
2 Supply Details



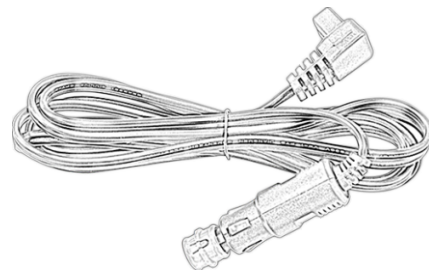
Refrigerator x1



Wire Basket x1



**110V AC Wall
Outlet Cable X1**



**12/24V DC Cigarette
Lighter Plug Cable x1**

Extra Content



**Drain Plug
x 1**



**Screws
x 2**



**Corner Guards
x 4**

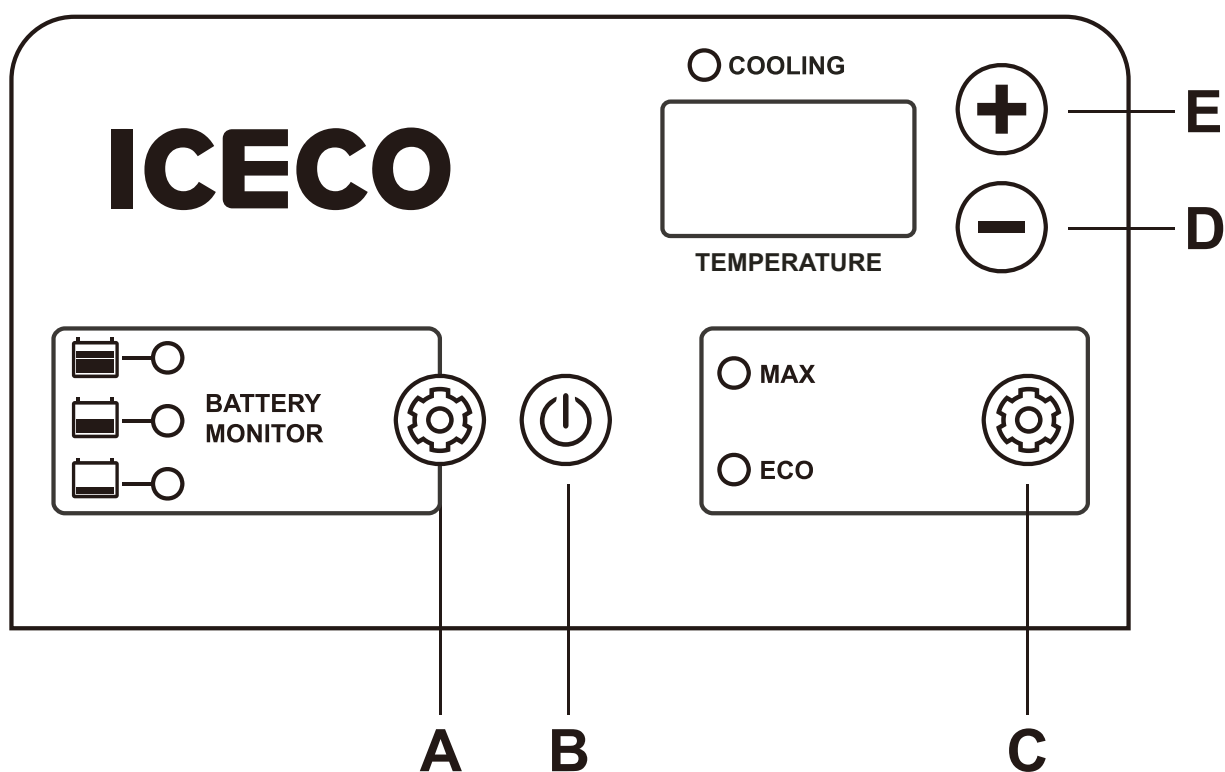


**Handle
x 1**



**Screwdriver
x 1**

3 Operation



A Battery Protection Settings

B Power ON/OFF Button

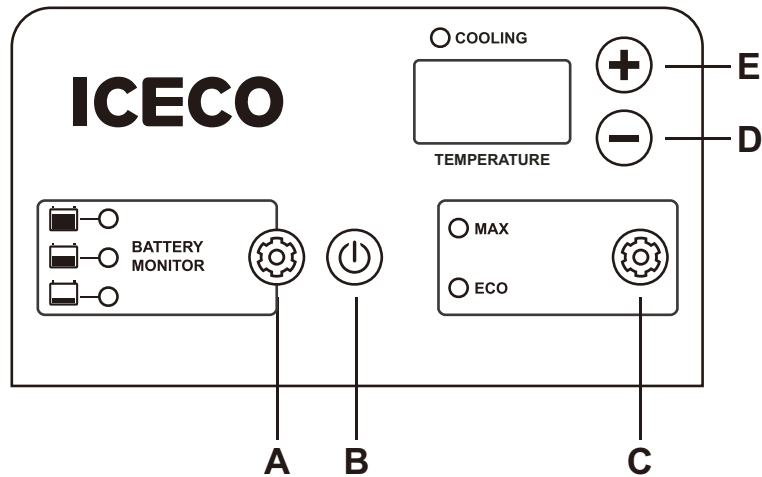
C Compressor Speed (Eco/Max Mode)

D Temp DOWN Button

E Temp UP Button

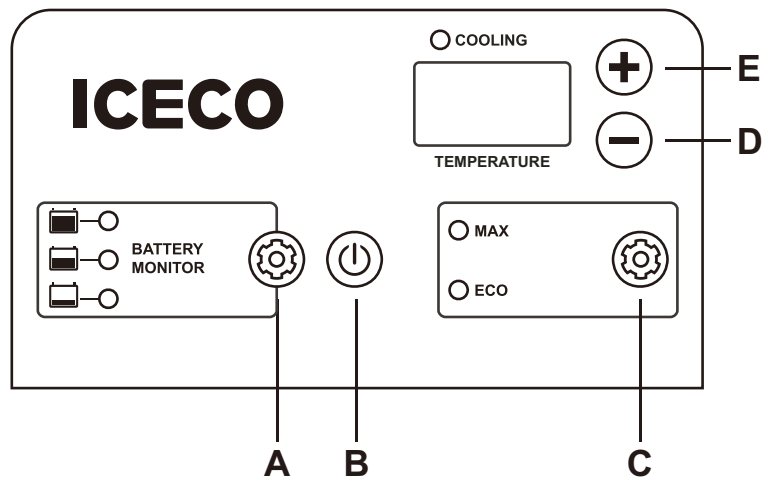
3.1 MAX & ECO Mode

With the unit turned on(Press & Hold B/Power Button), you can press the MODE Button C to toggle between MAX or ECO mode for the fridge.



3.2 Switch Between °C and °F

With the unit turned on(Press & Hold B/Power Button), press and hold Button C and Button D for 3 seconds to toggle between the temperature values of Celsius & Fahrenheit.



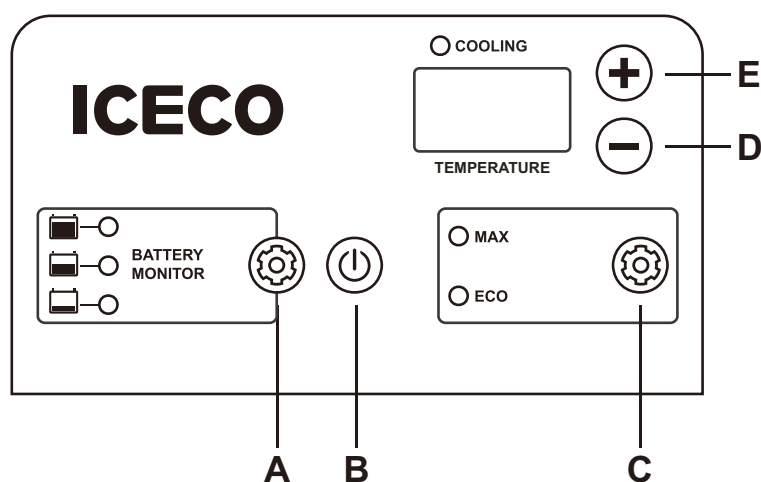
3.3 Setting Temperature

With the unit turned on, the fridge's **CURRENT** interior temperature reading will appear on the display, as a solid non-flashing number. To change the fridge's set temperature:

Press Temperature UP Button E to adjust the Temperature UP.

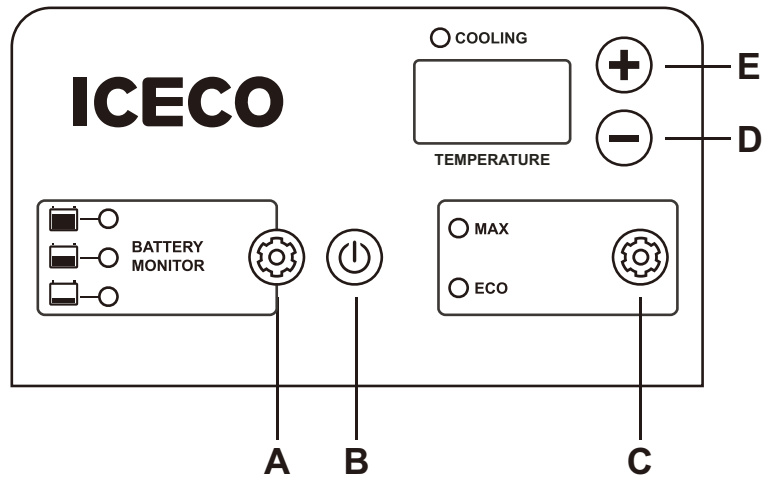
Press Temperature DOWN Button D to adjust the Temperature DOWN.

The **SET** temperature will appear as a **FLASHING** number, and after the temperature is **SET**, the display will return to showing the fridge's **CURRENT** interior temperature.



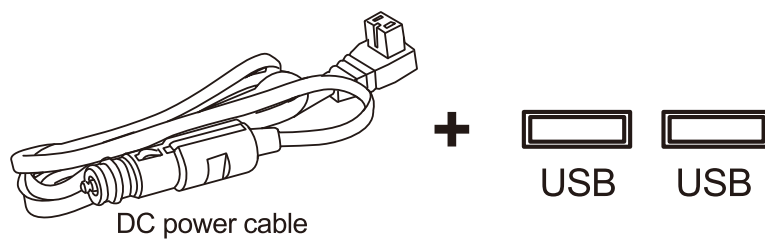
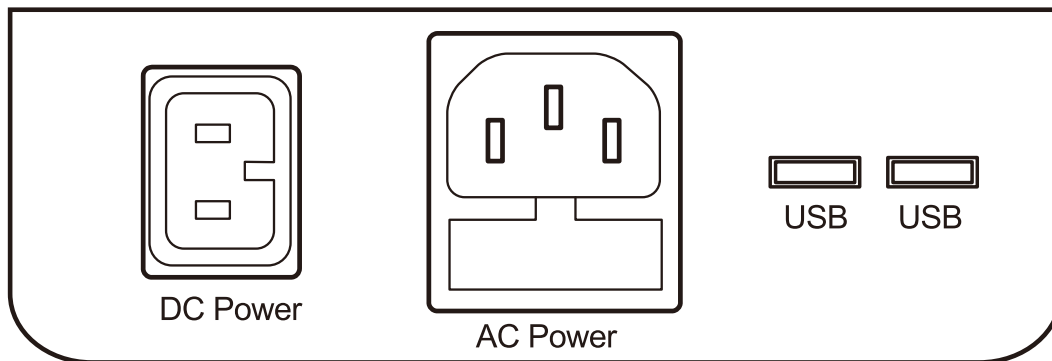
3.5 Triple Battery Protection Operation

With the unit turned on, Press Battery Protection Button A to adjust the fridge's low battery protection level pre-sets.



NOTE: Details of Battery Protection Mode could be found in Page 16.

3.6 USB Connector



TIPS: USB connector only takes effect when charging in DC power cord.

4 Cleaning And Maintenance

4.1 Cleaning

- Always disconnect the power source before cleaning the fridge.
- You can clean the interior and exterior of the fridge by using warm water, mixed with a gentle non-abrasive detergent.
- You may use a soft sponge, or micro fiber cloth.
- When not in use, it's better to leave the lids open, to reduce odors.
- If odors occur, please clean the fridge thoroughly, or use baking soda in a bowl to absorb odors.

4.2 DO NOT

- Use pointed objects to scrape, or defrost ice.
- Use abrasive detergents to clean.
- Use heavy duty sponges (due to scratching).
- Clean the fridge with running water or pressure washer.
- Clean the fridge without power input covers secured.

5 Error Codes & Solutions

Code	Description
E1	The DC voltage is below the protection settings and the battery protection mode is activated.
E2	The cooling fan is over-loaded with more than 1A of current.
E3	Motor start error The motor of compressor is blocked or the pressure difference in the refrigeration system is too high.
E4	Minimum motor speed error The compressor is over-loaded, and the motor cannot maintain its minimum speed of 1850 rpms.
E5	Thermal cut-out of electronic unit Thermal cut-out error. If the refrigeration system overloads, or the ambient temperature is too high, the thermal sensor is overheated.
LL	NTC failure (open circuit)
HH	NTC failure (short circuit)

Solutions

1.If error codes appear on the display

If error codes appear when the fridge is powered by 12v source, please confirm whether the current voltage is stable.

Because the voltage of the car battery is unstable during driving, it will activate the battery protection function and error codes will display.

Please try to lower the battery protection setting and see if the error is resolved.

Please also try to take a voltage reading of your battery to make sure it is not depleted/discharged.

If you don't have a tool to measure the voltage, please connect the fridge to 110V source. If the error code still displays, please contact us and provide corresponding videos or pictures which can help us to solve your problems faster.

2.The refrigerator can't work

If the refrigerator can't work properly, please contact us. We will provide you with return or exchange service.

6 Warranty & Return Policy

- 30-day money back guaranty upon receiving goods.
- 5-year warranty on the compressor.
- 1-year warranty for other parts or accessories.

For returns or exchanges, please call us, or fill out the following return and exchange registration form in the package as a proof of return. All materials must be returned in the original condition and packaging. Thank you for your cooperation.

If the product is received damaged or defective during transportation, you need to contact our customer service within 2 business days. Make sure to provide relevant photos or videos, your order ID number and your name. A customer service agent will help assist into solving the issue at a timely manner. (Return, Exchange, or Discount Compensation). A free return label will be provided if needed.

7 Troubleshooting (Q & A)

1. Heat & Water Resistance

Heat resistance

ICECO refrigerators are engineered to operate at an ambient temperature of up to 55 °C (131 °F).

Weather Proof

ICECO refrigerators can operate under light rain conditions.

We DO NOT recommend exposing the fridge to moderate or heavy rain.

As with all electrical appliances, over-exposure to moisture may shorten the fridges' life. Please keep the vents clear of water, and please add some clearances to the bottom of the fridge, if the ground is wet.

2. Why did it change back to the original temperature after setting the temperature?

The Solid/Non-Flashing number on the display is the CURRENT interior temperature. The Flashing number is your SET temperature after adjustment. The compressor will shut off when the SET temperature is reached.

3. What should I do if the refrigerator is upside down when it is delivered?

Please leave your refrigerator upright for 24 hours to allow the compressor lubricant to resettle before powering on the fridge. Otherwise it may contribute to certain operation abnormalities. If the fridge has any visible oil or fluid leaks, please contact us immediately.

4. What is the function of triple battery protection? How do they work?

The triple battery protection is designed to prevent over-discharge and battery depletion. When the measured DC voltage is below the set value, the compressor will shut off to prevent battery depletion.

Battery Protection (ON SWITCH POSITION)	Cut-out 12V	Cut-in 12V	Cut-out 24V	Cut-in 24V
LOW	9.6	10.9	21.3	22.7
MED	10.1	11.4	22.3	23.7
HIGH	11.1	12.4	24.3	25.7

For example, when you switch to a LOW MODE, the battery voltage is lower than 9.6 volts, the refrigerator will automatically power off; When the battery voltage reaches 10.9 volts, the refrigerator will start again.

5. What is the electrical power in max/ fast cooling mode?

Model	Electrical Power	Model	Electrical Power
GO12	50W	JP42	55W
GO20	50W	VL35 Series	85W
JP Series	60W	VL Series	85W
VL45 ProS	45W	VL60 ProS	47W
VL75 ProD	57W	VL90 ProD	61W

TIPS: This data is only suitable for laboratory testing, and the actual power is subject to actual conditions.

6. Why is there a temperature difference (between the actual temperature of the refrigerator and the set temperature)?

Due to cold air naturally falling, different temperatures may exist in different locations in the refrigerator (the temperature of the bottom will be the lowest). The panel only shows the center temperature of the refrigerator.

7. What kind of cable do I need to use in the car and at home?

Both the AC and DC cables are included with your fridge. You can power your fridge directly from your wall outlet using the AC cable, or power it from your vehicle's cigarette lighter plug using the DC cable.

8. What is the specification of the fuse of the refrigerator?

The power line is protected by a 15A fuse located in the refrigerator.

8 Safety Instruction

SAFETY INSTRUCTIONS

Please read the user manual and safety instructions carefully before using the appliance.

By ignoring the safety instructions, the manufacturer cannot be held responsible for the damage.

The use of accessories that are not recommended by manufacturer can cause injuries and will invalidate any warranty that you may have.

The appliance shall not be exposed to rain. Place the refrigerator on a dry, protected surface, away from corners.

- ❗ Do not use the refrigerator in uncovered, outdoor areas exposed to the elements.**
- ❗ Do not use this appliance near direct heat sources, for example, a cooker, radiator or exposing it to direct sunlight.**
- ❗ Do not place ice or liquids which are not sealed in containers within the refrigerator.**
- ❗ Do not place hot products or hot food in the refrigerator. Place the products so that they do not knock against each other or break when the appliance is in motion.**

Ensure that the lid is always latched securely and reduce the amount of time the lid is left open.

The power cable must only be replaced by a qualified technician personnel or by an assistant authorized by the manufacturer.

Before carrying out any maintenance operations on the refrigerator, disconnect the power cable from the plug.

This appliance is suitable for camping use.

WARNING!

- ! Keep ventilation openings clear of obstruction. 3 inches recommended.**
- ! Do not use mechanical devices or other means to accelerate the defrosting process, unless recommended by the manufacturer.**
- ! Do not damage the refrigerant circuit.**
- ! Do not use electrical appliances inside the food storage compartments of the appliance, unless they are the type recommended by the manufacturer.**
- ! Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.**
- ! Risk of fire and electrical shock.**
- ! Do not let hot items come in contact with the plastic parts of the appliance.**
- ! Do not put flammable products or items that are wet with flammable products in or near the appliance.**

- ❗ Do not touch the compressor or the con-denser. They are hot.**
- ❗ When positioning the appliance, ensure the supply cord is not trapped, caught or damaged.**
- ❗ Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.**

Further information is provided on the technical data label inside the product.

1. 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.

2. Children should be supervised to ensure that they do not play with the appliance.

3. 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.

4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

5. Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

6. **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.**

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Cooler Than A Cooler