

KINGS^{ADVENTURE}

USER MANUAL



ESCAPE 90 FRIDGE/FREEZER

SKU: AKFR-FR90L_A_01

CONTENTS

1. INTRODUCTION	3
2. SAFETY INSTRUCTIONS	3
3. PRODUCT FEATURES	4
4. PRODUCT STRUCTURE	5
5. FUNCTION AND OPERATION	6
6. CARE AND MAINTENANCE	8
7. TROUBLESHOOTING	9
8. TECHNICAL INFORMATION	10
9. WARRANTY	11

1. INTRODUCTION

This manual covers the safety information and use instructions for the Adventure Kings Escape 90 Fridge/Freezer.
For any questions or warranty claims please call 1800 883 964.

**PLEASE READ AND UNDERSTAND THIS MANUAL
COMPLETELY BEFORE USING THIS PRODUCT.**

2. SAFETY INSTRUCTIONS



SAFETY WARNING



- Do not operate the appliance if it is visibly damaged.
- Do not block the gaps of the fridge with things like pin, wire, etc.
- Do not expose the appliance to rain or soak it in water.
- Do not place the appliance near naked flames or other heat sources (heaters, direct sunlight, gas ovens etc.)
- Do not store any explosive substances like spray cans with a flammable propellant.
- Ensure the supply cord is dry and not trapped or damaged. Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- Check the voltage specification on the type plate corresponds to that of the energy supply. The appliance is only to be used with the power supply unit provided with the appliance.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- Once unpacked and before turning on, the appliance must be placed on a level surface for more than 6 hours.
- Make sure that the appliance stays horizontally when it is running. The tilt angle must be less than 5° for long time running and be less than 45° for short time running.
- Keep the ventilation openings in the unit casing or in the built-in structure free of obstacles.
- Keep the appliance stable on the ground or in the car; Do not drain upside down.

CAUTION

- Repairs may only be carried out by qualiGed personnel. Incorrect repair may cause danger. The lamp and supply cord must be replaced by the manufacturer or qualiGed persons.
- The installation of DC power in the boat must be handled by qualiGed electricians.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The 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 theyve been given supervision or instruction concerning use of the device in a safe way and understand the hazards.

NOTICE

- Disconnect the power supply before each cleaning and maintenance and after every use.
- Do not use sharp tools to defrost; Do not damage the refrigerant circuit.
- 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.
- Check if the cooling capacity of the appliance is suitable for storing the food or medicine. Food may only be stored in its original packaging or in suitable containers.
- If the appliance is left empty for long periods, switch off, defrost, clean, dry, and leave the door open to prevent mould developing within the appliance.
- The appliance is intended to be used in household and similar applications such as:
 - Staff kitchen areas in shops, ofGces and other working environments;
 - Camping, Farm houses and by clients in hotels, motels and other residential environments;
 - Bed and breakfast type environments;
 - Catering and similar non-retail applications.
- Information, illustrations and speciGcations in this manual reHect the most current available at the time of publication,are subject to change without prior notice.



Please according to local regulations regarding disposal of the appliance for its Hammable refrigerant and blowing gas.

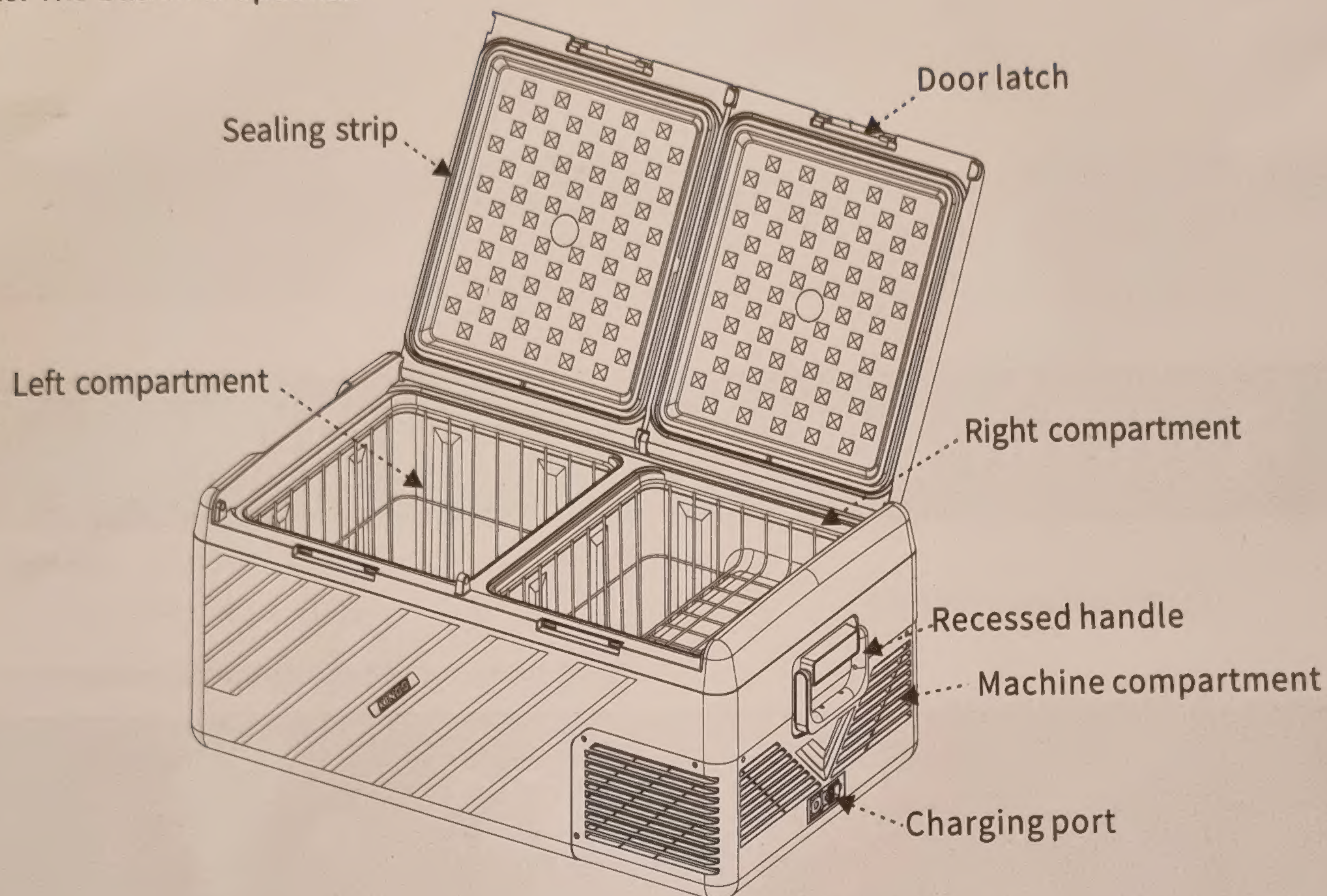
3. PRODUCT FEATURES

- High-efficiency DC compressor and conversion module.
- CFC free and great heat insulation.
- DC12/24V or AC100-240V power supply(using dedicated adapter).
- Fast cooling to -20°C/-4°F (based on 25°C/77°F room temperature).
- Intelligent battery protection system.

- LED display for temperature setting. Dual compartments with dual temperature control.
- Specific parts: durable latch, cup holders design, reversible door design, recessed handle.

4. PRODUCT STRUCTURE

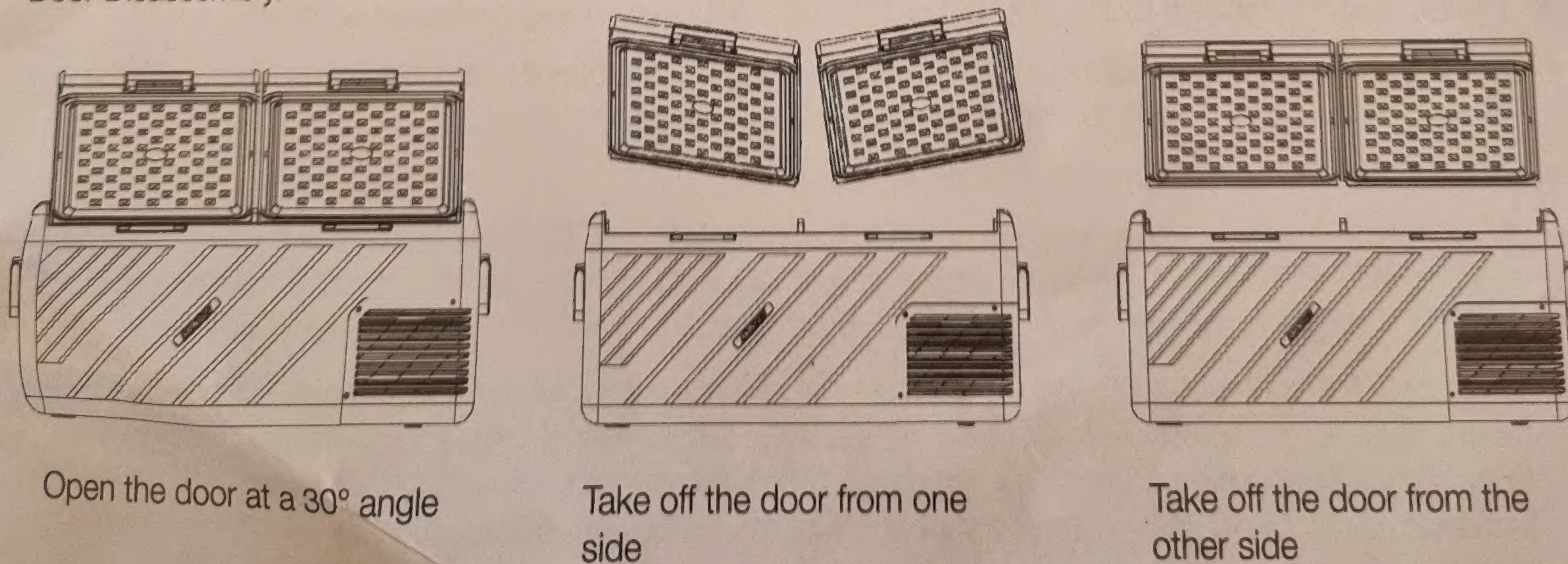
* Note: The basket is optional.



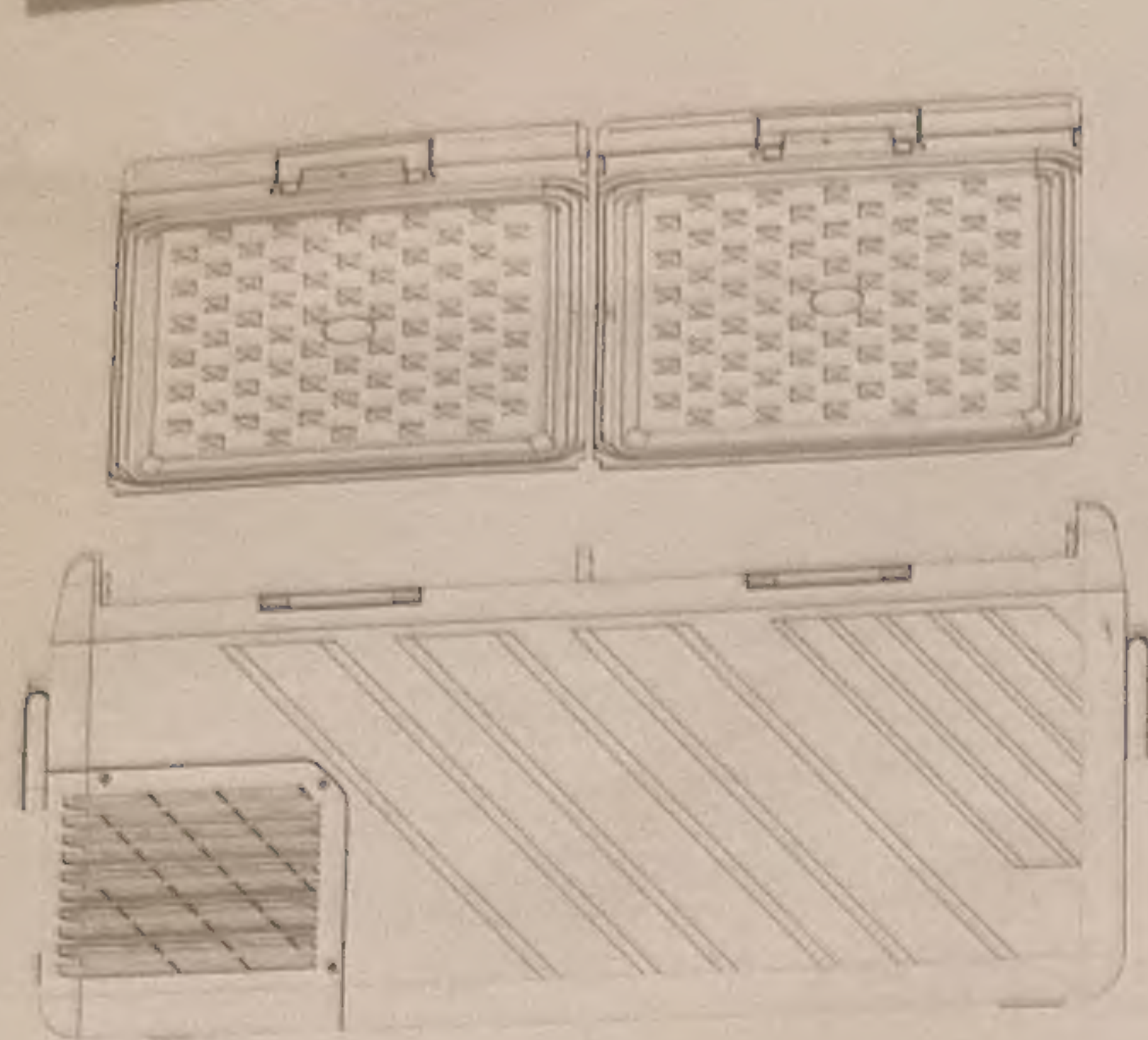
REVERSE DOOR OPENING DIRECTION

The door opening direction can be changed according to actual needs, please follow the instructions below:

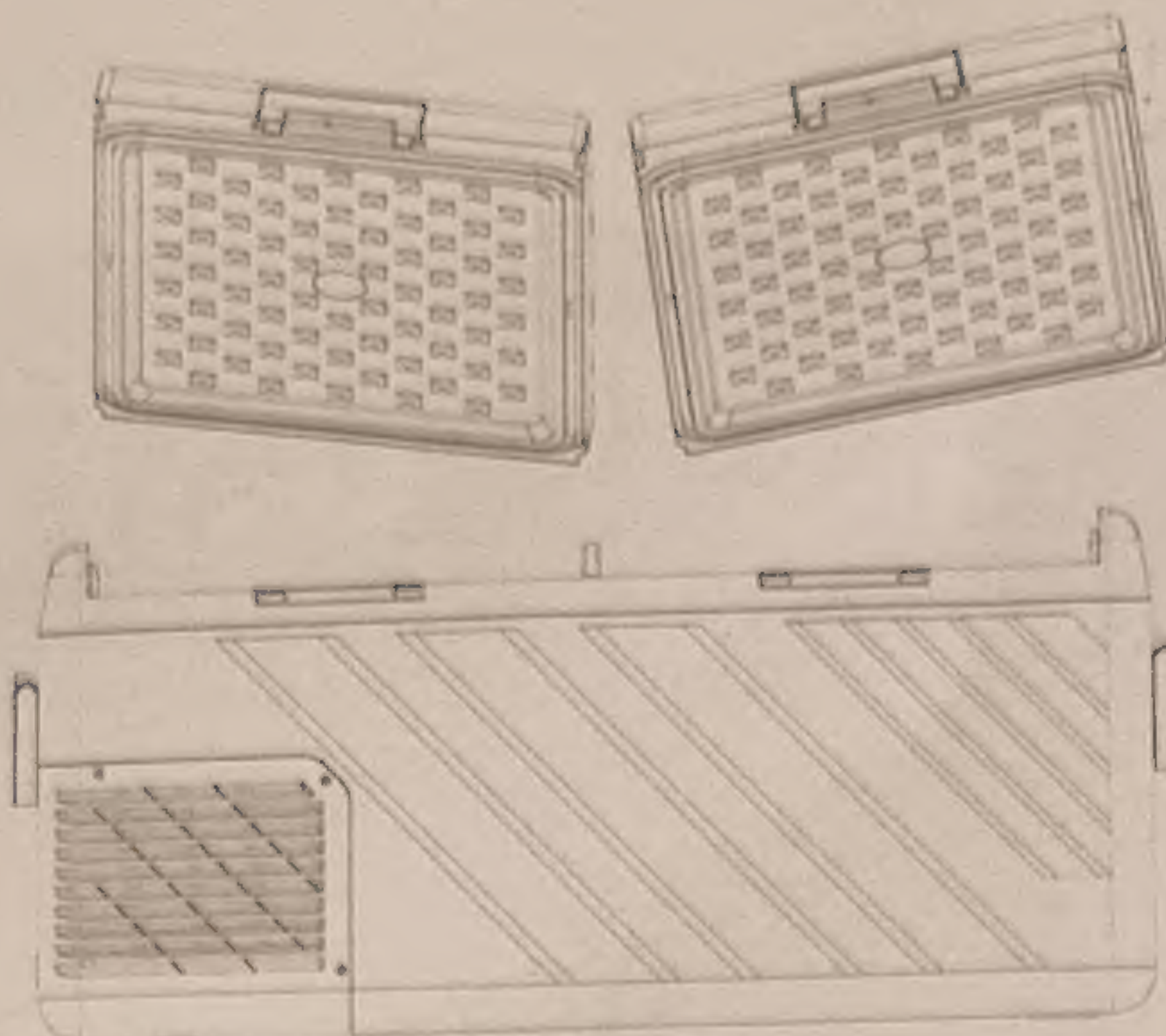
Door Disassembly:



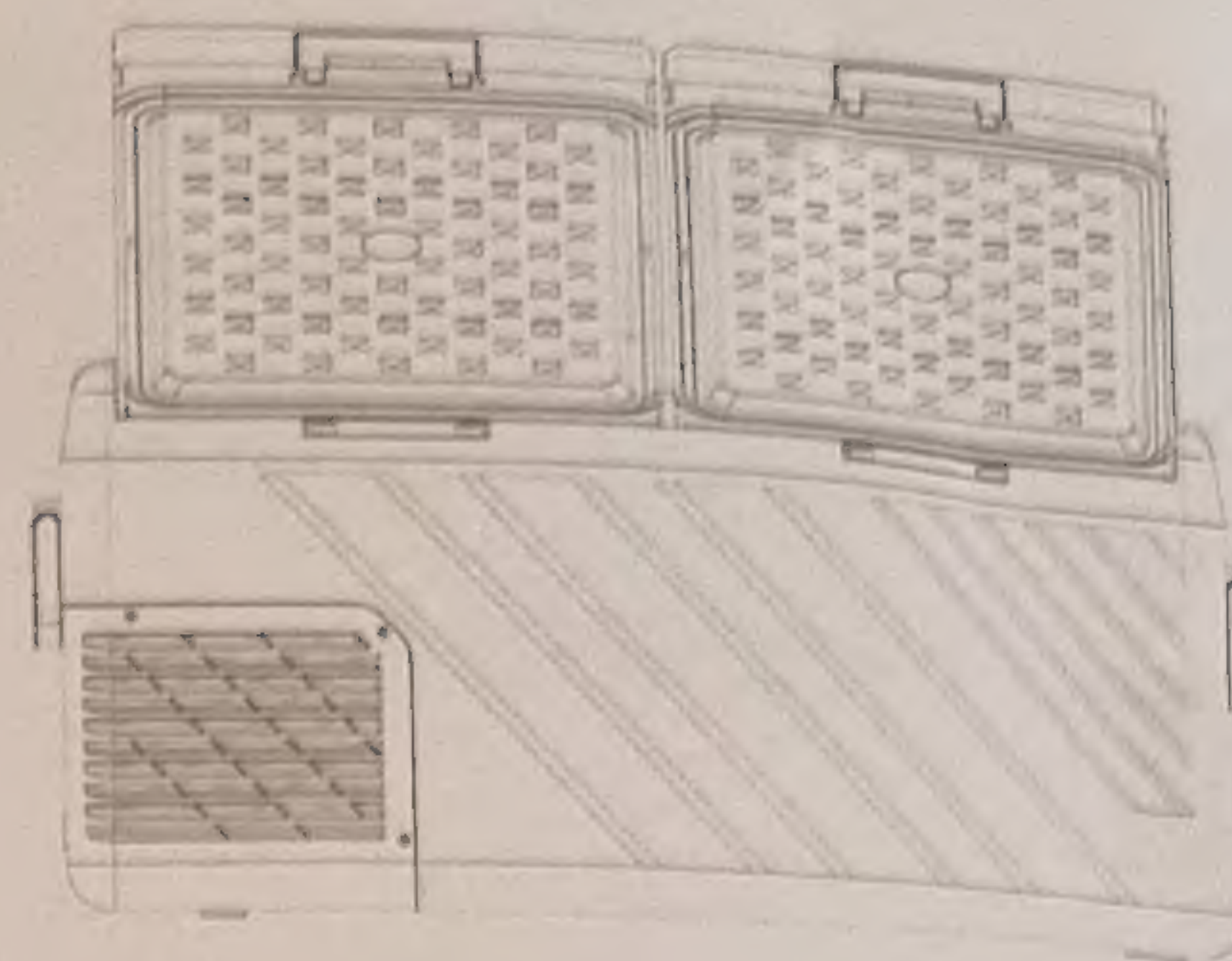
DOOR INSTALLATION



Reverse the door opening direction

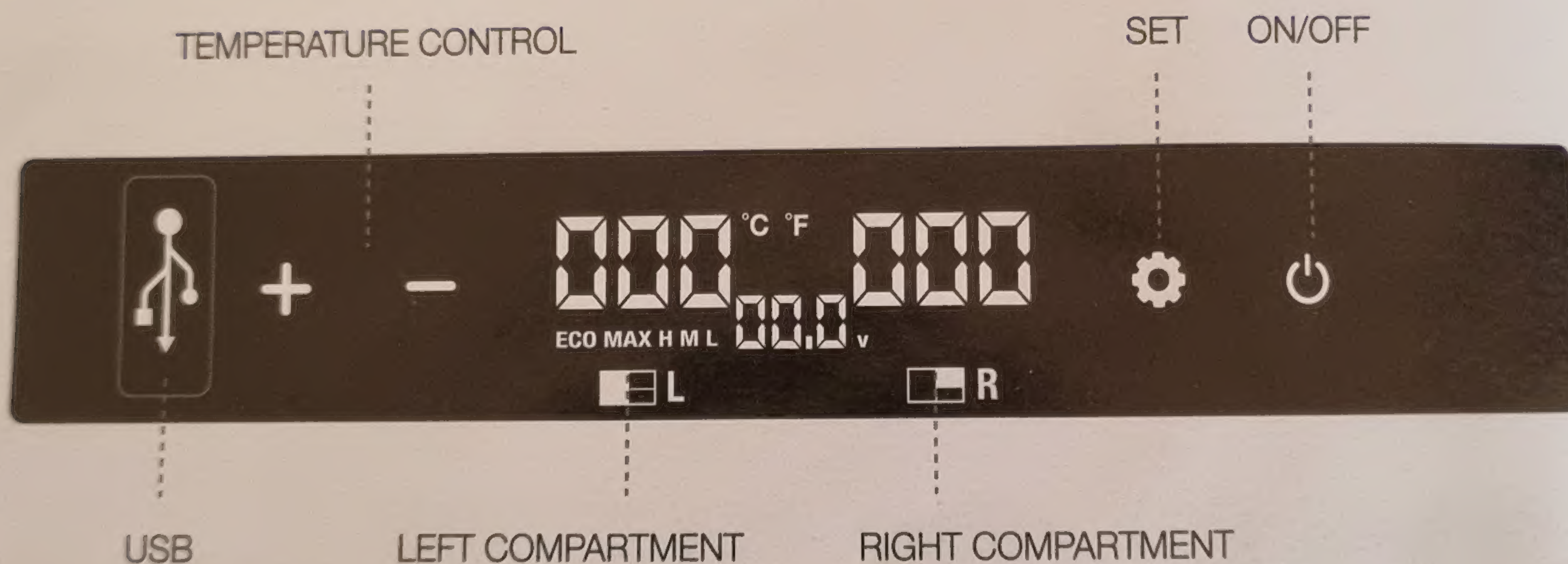


Align the door shaft with the hole on one side and insert it



Fix the door on the other side, installation finished

5. FUNCTION AND OPERATION



Note: the right compartment is on the side where the compressor is.

- **Power Supply:** connect to 12V/24V DC or 100-240V AC power (using dedicated adapter).
- **Display Screen Initialization:** connect to the power supply, the buzzer will make a long beep, and the display will be on for 1 second, then enter the normal operating mode.
- **Power ON/OFF:** press to switch ON/OFF.
- **Temperature Setting:** under the running state, long press **+** and at the same time for three seconds to switch ON/OFF the left compartment, long press **-** and at the same time for three seconds to switch ON/OFF the right compartment, two compartments cannot be switched off at the same time.

When both left and right compartments are set in running state, press **+** or **-** to enter left compartment temperature setting, press **+** to increase temperature, press **-** to decrease temperature, and press to switch left/right compartment. The setting will be saved after stop operating for four seconds (Note: the temperature displayed is the current temperature of the compartments, it'll take a while to reach the set temperature.)

Temperature setting range: -20~20°C (-4~68°F)

- **Cooling Mode:** under the running state, press ⚙ switch MAX (fast cooling mode) and Eco (energy saving mode). (*Factory setting is MAX.)
- **Battery Protection Mode:** under the running state, long press ⚙ for three seconds until screen flashes, then press ⚙ again to select protection mode H(High), M(Medium) and L(Low) (*Factory setting is H.)

Voltage Reference:

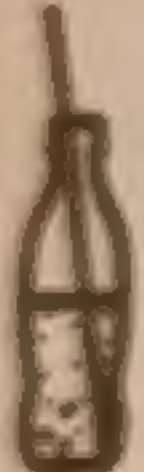
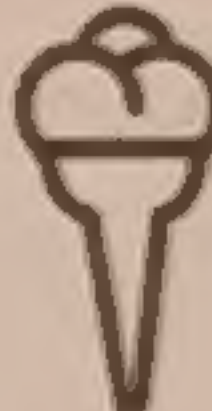
INPUT NODE	DC 12V		DC 24V	
	CUTOUT	CUTIN	CUTOUT	CUT IN
L	8.5V	10.9V	21.3V	22.7V
M	10.1V	11.4V	22.3V	23.7V
H	11.1V	12.4V	24.3V	25.7V

* the voltage is theoretical value, there may be a deviation in different sceneries.

Due to the different output voltages between vehicles, H should be set when the product is connected to car power, and M or L should be set when it is connected to a portable battery or other back-up battery.

- **Temperature Unit Setting:** switch off the fridge, long press ⚙ for three seconds until E1 displays, then switch to E5 by pressing ⚙ again. Under E5 mode, press + or - to select Celsius or Fahrenheit. (*Factory setting is °C.)
- **Reset:** switch off the fridge, long press ⚙ for three seconds until E1 displays, under E1 mode, long press +- at the same time for three seconds to reset it.

Recommended temperature for common food:

						
Drinks	Fruits	Vegetable	Delicatessen	Wine	Ice cream	Meat
5°C/41°F	5~8°C/41~46°F	3~10°C/37~50°F	4°C/39°F	10°C/50°F	-10°C/14°F	-18°C/0°F

6. CARE AND MAINTENANCE

CLEANING

- Unplug the device first to avoid electric shock.
- Use wet cloth to clean the device and dry it.
- Remove the cover and drain from the hole at the bottom of the device.
- Do not soak the device in water and do not wash it directly.
- Do not use abrasive cleaning agents as these can damage the device.

STORAGE

If the device will not be in use for a long time, please follow the steps:

- Turn off the power and remove the plug.
- Remove all the items stored in the device.
- Remove the cover and drain from the hole, wipe off excess water with a soft rag.
- Leave the lid slightly open to prevent odors from forming.
- Put the device in a cool and dry place.

DEFROSTING

Humidity can form frost in the interior of the cooling device or on the evaporator, which will affect the cooling performance. Defrost the device regularly to avoid this.

- Switch off the device.
- Take out the contents of the device.
- Keep the lid open.
- Remove the cover and drain from the hole.
- Wipe off the defrosted water.



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

7. TROUBLESHOOTING

ISSUES	CAUSE/SUGGESTIONS
Refrigerator does not work	• Check if the switch is on. • Check if the plug and socket are connected well. • Check if the fuse has been burnt. • Check if the power supply is malfunctioned. • Switch on/off the fridge frequently may cause start delay of the compressor.
Refrigerator compartments are too warm	• The door is opened frequently. • A large amount of warm or hot food was stored recently. • The refrigerator has been disconnected for a long time.
Food is frozen	• The temperature was set too low.
There is "water flow" noise from inside the refrigerator	• It's a normal phenomenon, caused by the flow of refrigerant
There are water drops around the refrigerator casing or door gap	• It's a normal phenomenon, the moisture will condense to water when it touches a cold surface of the refrigerator.
The compressor is slightly noisy when starting	• It's a normal phenomenon, the noise will be reduced after the compressor works stably.
Code F1 displayed	• Possible cause: low voltage to fridge. Adjust the battery protection from High to Medium or from Medium to Low.
Code F2 displayed	• Possible cause: condenser fan is overloaded. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F3 displayed	• Possible cause: the compressor starts too frequently. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F4 displayed	• Possible cause: compressor not kicking in. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F5 displayed	• Possible cause: overheating of the compressor & electronics. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F6 displayed	• Possible cause: no parameter can be detected by the controller. Disconnect power to fridge for 5 minutes & re-start. If the code shows again, contact manufacturer for service.
Code F7 or F8 displayed	• Possible cause: temperature sensor is faulty. Contact manufacturer for service.

8. TECHNICAL INFORMATION

MODEL	Escape 90 Fridge/Freezer
RATED VOLTAGE	DC12/24V or AC100~240V (using dedicated adapter)
RATED POWER	90W
CAPACITY	92L/3.25 Cu.Ft.
FRIDGE AREA	37L/1.31 Cu.Ft.
FREEZER AREA	55L/1.94 Cu.Ft.
NOISE	≤45d B
TEMPERATURE SETTING RANGE	-20~+20°C
CLIMATE CATEGORY	T/ST/N/SN
DIMENSIONS (LxWxH)	963 x 595 x 527mm 37 15/16 x 23 7/16 x 20 3/4 inch
NET WEIGHT	24.8 kg/54.7lb (not including battery)

* Due to product improvement, the technical information might be different from actual information, please refer to the rating label on the product.

9. WARRANTY

24 MONTH LIMITED WARRANTY

WARRANTY PERIOD:

Full 24 month warranty from date of purchase against all manufacturing defects.

WHAT DOES THE WARRANTY COVER?

Under normal usage conditions, this warranty covers:

- a. Any defect in design or manufacture which results in the product failing to perform substantially as described in authorised advertising or literature.
- b. We will either repair or replace the product at our discretion providing that the fault is found to have been caused by a design or manufacturing defect and not misuse or tampering.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for 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. The benefits provided to you as the consumer by this warranty are in addition to other rights and remedies available to you under the law.

THE WARRANTY DOES NOT COVER:

- a. Any damage resulting from improper use
 - b. Faulty installation or modification made during installation
 - c. The cost of removing and reinstalling the product
 - d. Travel and /or other expenses due to customer's remote location
 - e. Transport charges and damage in transit. It is your responsibility to deliver and pick up your product, including any costs associated with the postage of repair or replacement product. If you do freight your product we recommend that you insure against loss or damage.
 - f. Any loss directly or indirectly associated with the product failing to operate.
 - g. Damage caused by mould, insects, animals, misuse, incorrect operation, adverse weather, accidents and fair wear and tear
-

TO MAKE A CLAIM, PLEASE ENSURE YOU RETAIN YOUR SALES RECEIPT OF PURCHASE

1800 88 39 64



OUTDOOR SUPACENTRE PTY LTD

Level 1, Building A, 6 Figtree Drive,
Sydney Olympic Park, NSW 2127, Australia

PHONE: 1800 88 39 64

www.4wdsupacentre.com.au