



50L Portable Fridge Freezer with Wheels

KA50LSZPFIA

Safety & Warnings

Read all safety notes and instructions before first use even if you are familiar with this product. Retain this user guide for future reference.

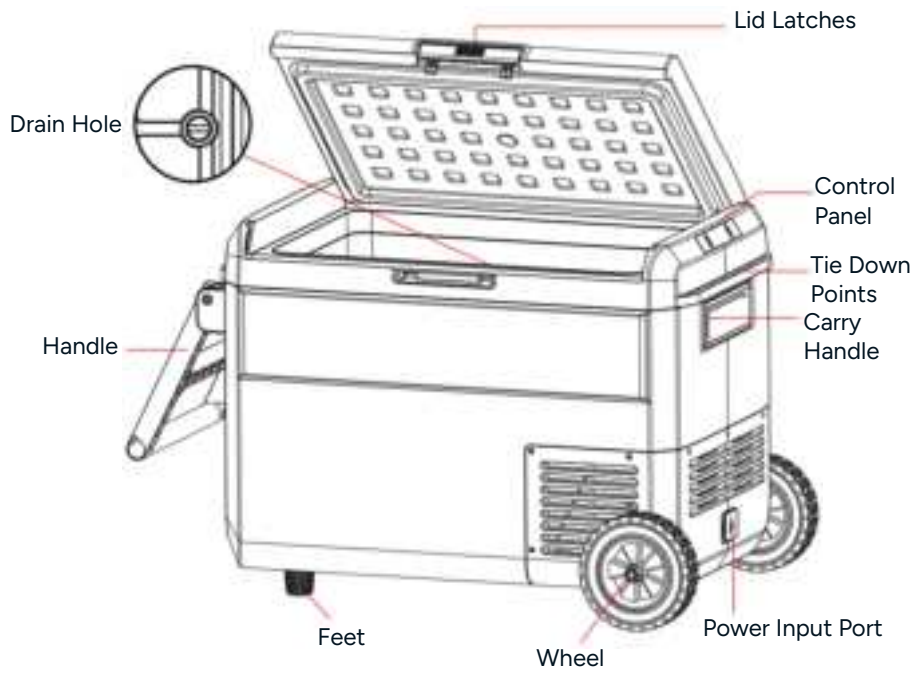
Failure to follow these instructions may result in damage to the product or injury to yourself and others.

- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or those lacking experience and knowledge, unless they have been given supervision or instruction by a person responsible for their safety.
- Children must be supervised to ensure they do not play with the product.
- Cleaning and user maintenance must not be carried out by children without supervision.
- Do not store explosive substances such as aerosol cans with flammable propellant inside the product.
- Do not use the product near direct heat sources such as stoves, radiators or in direct sunlight.
- Do not expose the product to rain. Place it on a dry, stable surface away from edges.
- Do not use an extension cord.
- The use of accessories not recommended by Kogan.com may cause injury and possible damage to the product.
- Ensure stored items are secured to prevent movement or breakage while in transit.
- If the power cord is damaged, it must be replaced by Kogan.com, its service agent, or a similarly qualified professional to avoid a hazard. Cease use immediately and contact **help.Kogan.com** for support.
- Always disconnect the power cable before performing maintenance.
- Keep ventilation openings in the appliance enclosure or built-in structure free from obstruction.
- Do not use electrical appliances inside the compartments unless they are approved by Kogan.com for this type of use.
- Do not place unsealed liquids or ice inside the fridge.
- Do not place hot food or hot items inside the product.

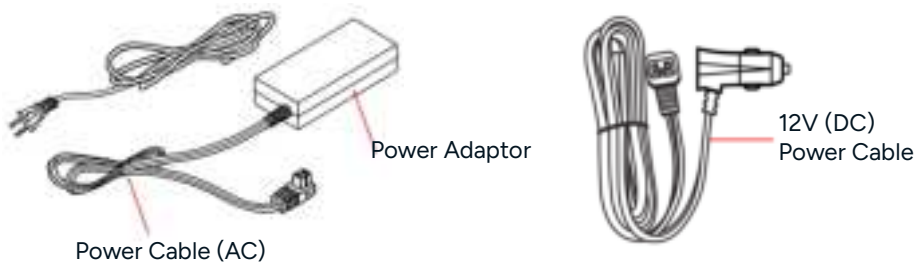
- Risk of child entrapment. When disposing of an old fridge or freezer:
- Remove the doors.
- Leave shelves in place to prevent children from climbing in.
- To prevent environmental harm or health risks from improper waste disposal, recycle this product responsibly. Return your used appliance via appropriate collection services or contact the retailer for safe recycling options.
- This product is intended for household and similar use, including:
- Staff kitchen areas in shops, offices and other working environments.
- Farmhouses and use by clients in hotels, motels and other residential-type environments.
- Bed and breakfast accommodations.
- Catering and similar non-retail applications.
- When using this product in a mobile application:
- Secure the product with straps or purpose-designed mounting fixtures.
- Ensure cables are not under tension or exposed to movement.
- Protect cables from sharp edges and crushing risks.
- Use the appropriate cable size and type for dedicated wiring circuits.
- These fridge models are designed to operate at up to a 35° angle.
- If the product is inverted or tilted beyond 35°, it must be placed horizontally for 24 hours before use.
- The compressor contains lubricating oil which may enter the filter drier and cause blockages if the fridge is operated while tilted or upside down.

Overview

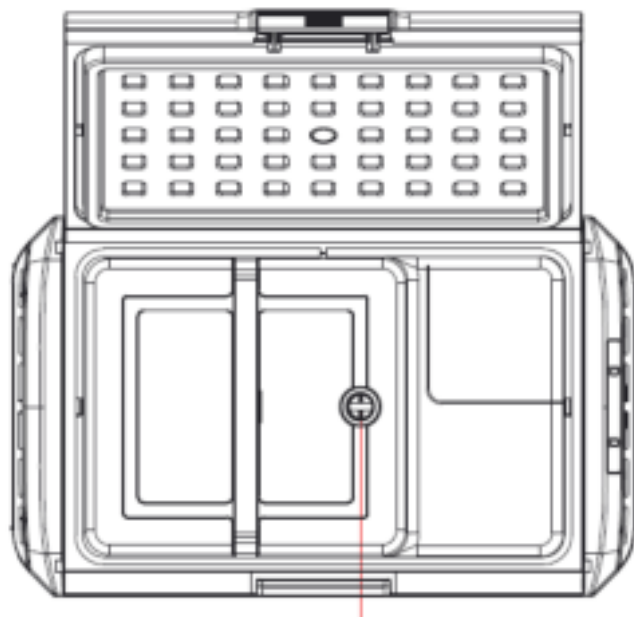
Exterior



Accessories



Interior

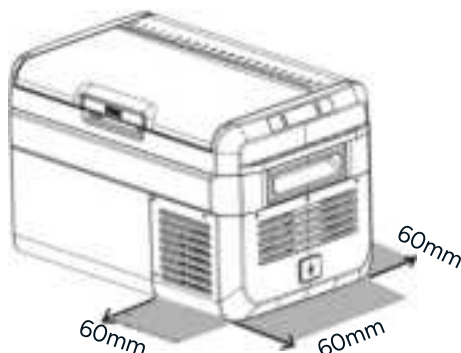


Drain Hole

Installation

Ventilation Clearance

To ensure reliable operation and prevent overheating, the ventilation slots and openings built into the body of the product must not be blocked or covered. A minimum clearance of 60mm is required on all sides including the rear panel, front and sides to allow for adequate airflow.



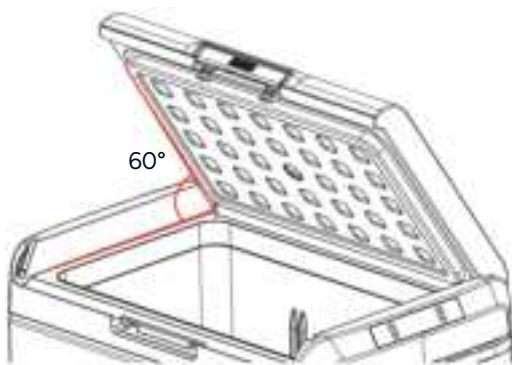
Note:

This product is not suitable for built-in installation unless sufficient ventilation is provided. If placing the unit in an enclosed space, ensure there is a provision for cool air intake and warm air exhaust.

Reversing the Door Swing

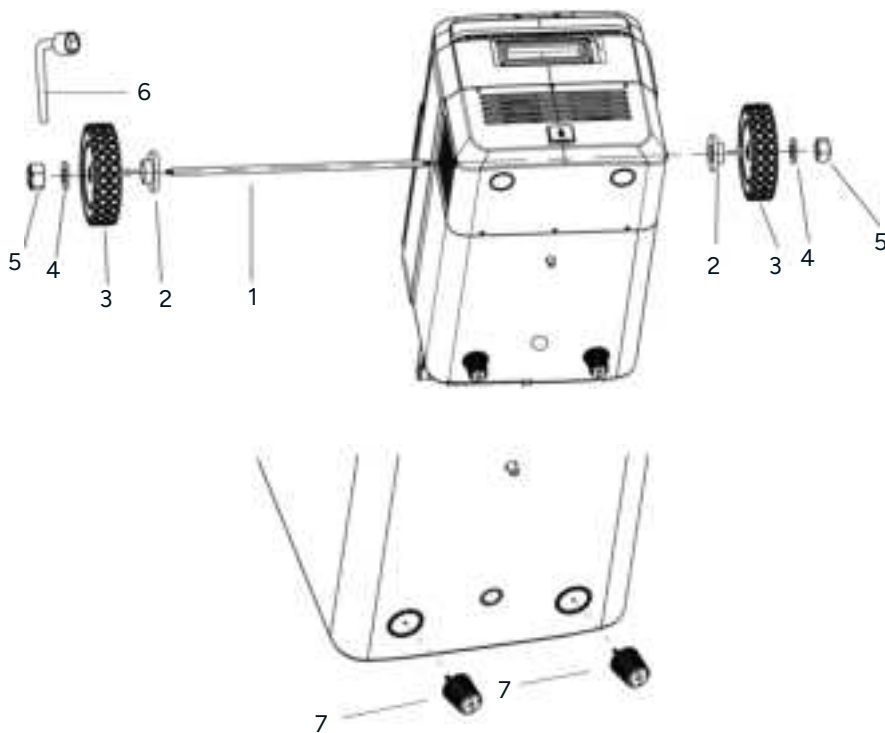
The fridge door can be removed and reinstalled to open from the opposite side if required.

1. Open the door to a 60° angle.
2. Carefully remove the door by sliding it forward along the track.
3. To reinstall, tilt the door to a 60-degree angle and slide it back into the track.



Wheel Installation (Optional)

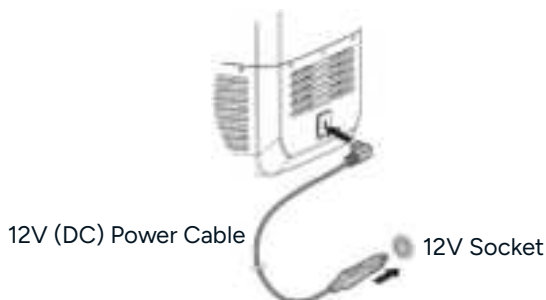
1. Insert the shaft through the rear of the unit from right to left. If it cannot be inserted from this direction, try installing from left to right.
2. Assemble the sleeve bearing, wheel and flat washer in the correct sequence and direction. The sleeve bearing is designed to fit tightly against the unit, ensure the holes are aligned precisely during installation.
3. Using 2 spanners, tighten the nuts by turning both spanners in opposite directions simultaneously.
4. Install the feet by attaching them to the bottom of the fridge.



- | | | | |
|---|----------------|---|--------|
| 1 | Shaft | 5 | Nut |
| 2 | Sleeve Bearing | 6 | Wrench |
| 3 | Wheel | 7 | Feet |
| 4 | Flat Washer | | |

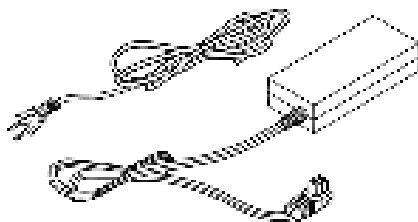
Connecting Power - 12V / 24V DC

1. For battery-powered use, connect the supplied 12V (DC) Power Cable to the Power Input Port. Ensure it is inserted securely.
2. Connect the other end of the cable to a 12V or 24V DC socket (cigarette lighter).
3. If using a cigarette plug, confirm that the power and voltage supply is sufficient. If the fridge is connected via the vehicle's ignition, ensure the power is disconnected when the ignition is turned off to avoid battery drain.



Connecting Power - 240V AC

To connect to mains power, plug the supplied AC cable into the fridge's input socket and ensure it is fitted correctly. Then connect the other end to a 240V AC electrical outlet.



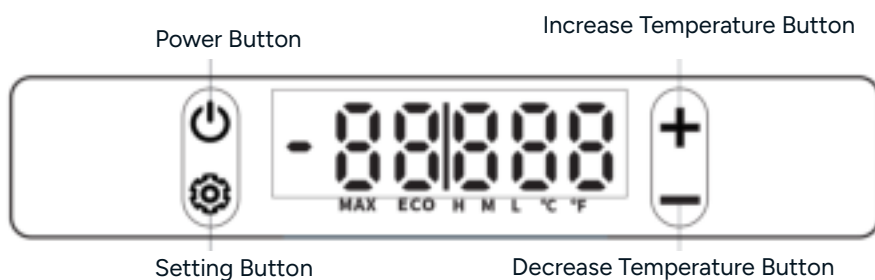
IMPORTANT:

- Ensure the plug matches the socket type for your region and that the cable is undamaged.
- Confirm the voltage of the AC power supply is compatible with the fridge's operating range.
- Do not place adaptors or power supplies on or behind the fridge.

Operation

- If the product has not been kept upright during delivery or unpacking, leave it in an upright position for at least 24 hours before switching it on. This ensures the compressor operates correctly.
- If the product does not power on or displays issues during first-time use, contact help.Kogan.com for further support.
- For optimal efficiency, pre-cool the empty unit before placing any items inside.

Control Panel



Powering On

1. Connect the fridge to a power source.
2. Press the 'Power' button to turn the fridge on.
3. Press the 'Power' button again to turn it off.

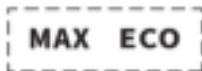
Temperature Setting

1. Temperature range: -20°C to 20°C (or -4°F to 68°F).
2. Use the 'Temperature Increase' (+) or 'Temperature Decrease' (-) buttons to adjust each setting as required.
3. Wait 5 seconds for the setting to confirm automatically.

Tip: Hold down the '+' or '-' buttons to scroll faster.

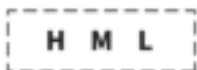
Setting Mode

1. Press and hold the 'Setting' button for 2 seconds to enter the settings menu.
2. While the display is flashing, press the 'Setting' button again to cycle through the available setting modes (MAX/ECO Mode, Triple Battery Protection, Temperature Unit):



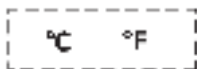
MAX/ECO Mode

MAX mode boosts efficiency, while ECO mode focuses on energy savings.



Triple Battery Protection

To protect the battery, the fridge will shut off if the voltage falls below the cut-off threshold and it will turn back on once the voltage hits the start-up threshold.



Temperature Unit

To switch between °C and °F on the display.

3. Press the 'Temperature Increase' (+) or 'Temperature Decrease' (-) buttons to cycle through the options within the 3 setting modes.

ECO & MAX Mode

1. Select MAX/ECO mode, when the current operating mode starts flashing, press the 'Temperature Increase' (+) or 'Temperature Decrease' (-) buttons to cycle through the available options 'ECO' or 'MAX' (The default mode is 'MAX').
2. After switching modes, wait for 5 seconds before the new setting takes effect.

Switching Temperature Unit (Celsius/Fahrenheit)

1. Select 'Temperature Unit' mode, when the current option starts flashing, press the 'Temperature Increase' (+) or 'Temperature Decrease' (-) buttons to select between Celsius '°C' and Fahrenheit '°F'.
2. After switching modes, wait for 5 seconds before the new setting takes effect.

Triple Battery Protection

To protect the battery, the fridge will shut off if the voltage falls below the cut-off threshold and it will turn back on once the voltage hits the start-up threshold.

1. Select 'Triple Battery Protection Operation', when the current operating mode starts flashing, press the 'Temperature Increase' (+) or 'Temperature Decrease' (-) buttons to cycle through protection levels.
2. After switching modes, wait for 5 seconds before the new setting takes effect.

| Protection Level | M Level is the Default Setting | | | | | |
|------------------|--------------------------------|---------|----------|---------|----------|---------|
| Power Source | H | | M | | L | |
| | Start-up | Cut-off | Start-up | Cut-off | Start-up | Cut-off |
| 12V | 12.4V | 11.1V | 11.7V | 10.4V | 10.9V | 9.6V |
| 24V | 25.7V | 24.3V | 24.2V | 22.8V | 22.7V | 21.3V |

Cleaning & Care

Exterior

- Clean the exterior using a soft cloth and mild detergent if needed.
- Ensure all surfaces are completely dry before placing the fridge in storage. Leave the lid slightly open to allow ventilation.
- Always disconnect the power before placing the unit in storage.

Interior

- Regular cleaning of the interior is recommended to prevent odours and bacterial growth.
- Use a soft cloth with mild detergent or anti-bacterial soap. Do not use abrasive cleaners, ammonia-based products or strong acids.
- Check the ventilation intake on the rear panel regularly for dust or debris. Use compressed air or a soft brush to clean the vents if needed.

Long Term Storage

- Before long-term storage:
- Turn off the fridge and unplug all power cables.
- Clean both the interior and exterior thoroughly.
- Leave the lid open to allow air circulation inside the unit, helping to prevent odours and moisture buildup.

Defrosting

Ice accumulation on the cooling surfaces is normal, particularly in humid environments. Excessive ice buildup will reduce cooling performance and should be removed as needed.

To defrost:

1. Remove all items from the fridge or freezer compartments.
2. Disconnect all power cables and open the main lid.
3. Allow the ice to melt naturally. Do not use sharp objects to remove ice.
4. Wipe away any melted ice or water using a soft cloth.
5. Dry the interior completely before reconnecting power and using the fridge again.

Specifications

| | |
|-------------------|-------------------|
| Dimensions | 906 x 547 x 504mm |
| Capacity | 50L |
| Net Weight | 21kg |
| Rated Power | 70W |
| Temperature Range | -20°C to +20°C |
| Power Source | DC 12V / 24V |
| Rated Current | 7.0A / 3.5A |
| Insulation | CFC Free PU Foam |

Troubleshooting

If the fridge is not cooling properly or only runs for a short period, there may be multiple causes. Use the steps below to help identify and resolve the issue.

1. Reset the fridge. If the unit has cycled on and off too quickly, an internal error may occur. Disconnect the fridge from all power sources for at least 15 minutes. This will reset the electrical and refrigeration system.
2. Check the power source. Power supply issues are one of the most common causes of malfunction. Connect the fridge to a boosted battery (for example, one being charged by a battery charger or solar panel in full sun) for at least 30 minutes.
3. If the fridge begins working under these conditions, the issue is likely with the power supply, not the fridge. Ensure the voltage is within range and stable. Common causes include undercharged batteries, poor wiring, or loose connections.
4. Test the fridge while empty. A large or warm load may take over 24 hours to reach the desired temperature. For diagnostic purposes, test with an empty compartment to determine if the fridge cools correctly.
5. If the fridge still fails to operate correctly after following the above steps, or if you suspect a manufacturing defect (e.g. broken fan, no cooling), contact **help.Kogan.com** for support.

Tips:

- If there is an unusual odour inside the fridge, it may be caused by the insulation materials used during manufacturing. Place the fridge in a well-ventilated area to air it out.
- Also check for any spoiled or expired items inside the unit. Keeping the interior clean will help prevent unwanted smells.

Error Codes

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 | Description | Solution |
|------------|---|--|
| E1 | Low battery voltage | Check battery voltage and switch to low voltage cut-off as required |
| E2 | Fan failure | Contact help.Kogan.com for support. |
| E3 | Motor failure | Contact help.Kogan.com for support. |
| E4 | Minimum motor speed error | Contact help.Kogan.com for support. |
| E5 | Thermal cut-out error If the refrigeration system overloads or the ambient temperature is too high, the thermal sensors overheated. | Ensure the air vents are unobstructed. Move fridge to cooler location. (Ambient temperature may be too high) |
| E6 | NTC failure (open-circuit/short-circuit) | Contact help.Kogan.com for support. |
| E7 | Communication failure between the display board and its module. | Contact help.Kogan.com for support. |
| E9 | Abnormal phase current of compressor module | Contact help.Kogan.com for support. |

Need more information?

We hope that this user guide has given you the assistance needed for a simple set-up.

For the most up-to-date guide for your product, as well as any additional assistance you may require, head online to **help.Kogan.com**.

