



## **42L Portable AC/DC Fridge & Freezer KD42LPFDGFRZA Quick Start Guide**

### **Product Features**

- High efficiency, low energy consumption.
- Multi-voltage system DC (12 and 24 Volt )
- Adjustable battery protection helps protect your battery (DC only).

### **Safety Instructions**

- **Warning:** Do not use your unit if any cabling is damaged, frayed or there is exposed wiring.
- **Warning:** Do not attempt or continue to operate your unit if it is wet.
- When using unit, ensure the circuit being used has a fuse or circuit breaker. Recommended size for DC 12 Volt is 15 Amp, DC 24 Volt is 7.5 Amp.
- Make sure the voltage is within the correct range for socket and cable being used. The technical data label on the side of the unit shows the voltage ranges.
- Do not place any electrical devices inside the refrigerator as they may be damaged.

### **Notes on using the product**

- Your unit requires good ventilation, especially around the back of the refrigerator; allow a gap of at least 100mm around all sides.
- Do not allow a large amount of frost to build up on the inside walls as this may impair cooling. Defrost by turning the unit off, allowing the frost to melt and wiping out the water.
- The lower the ambient temperature, the lower the power usage. In order to maximize efficiency, keep the unit in a cool location out of direct sunlight.
- It is recommended to operate the unit on a flat surface, but it will operate at angles up to 30°.

### **Operation Specifications**

- **Battery Protection:** Selecting the Low, Med, High positions of the switch (next to the DC power socket), you can choose different levels for battery protection.
- Press the button  $\Delta$  UP or  $\nabla$  DOWN button to adjust the temperature the unit aims to achieve. Press the  $\Delta$  button to increase or the  $\nabla$  button to decrease the temperature.
- When you press the "SET" buttons, it switches the display between °C and °F.
- Press the "SET" button to enter economy running mode, the ECO indicator green LED light will be on. Press the button again; the unit will enter the maximum running mode (HH) MAX indicator red LED light will be on.
- The economy mode runs the compressor at a lower speed to save power; the maximum mode runs the compressor at a higher speed increasing power usage. Maximum mode is useful if the ambient temperature is over 30°C or fast cooling is required.
- Plug in the DC power. Press the button ON/OFF to turn the unit on. The LED display on the control panel will turn on and the interior temperature is displayed.
- If the power supply is cut off or disconnected, the unit will switch off automatically and once the power supply is restored it will automatically switch back on.

## Battery Protection

You can choose from 3 levels of battery cut-out, which allows you to control the cut-out voltage.

- If you are running directly from your car's starter battery, set the control to "high" so you don't flatten your battery to the point where you can't start the car again.
- If you have a dual battery system or are running the fridge from your own battery, you should set the control to "low", which will allow the fridge to operate for longer before cutting-out.

## Cleaning and Maintenance

- Clean the appliance inside and out with a clean damp cloth every week. If it is dirty, use sodium bicarbonate dissolved in lukewarm water to clean the unit.
- Never use abrasive products, detergents or soap. After cleaning, wipe out with a clean damp cloth and dry carefully.
- Do not store food inside unit if the unit is not on.
- Do not store the unit if it is wet inside or without leaving the lid open.
- Never clean the unit under running water or in dish water. Do not use abrasive cleaning agents or hard objects during cleaning as these can damage the unit.

## Troubleshooting

### The unit is not turning on

- Check whether the unit has been turned on.
- Check the power supply (try a different power source, i.e. different vehicle or power socket).
- Check whether the plug and the socket have a good connection.
- Check whether the fuse has been burned out or blown.

### Low refrigeration performance

- Too much food produce been placed inside the unit.
- There is too much warm produce inside the unit.
- The lid is unlatched and/or open.
- The lid seal is broken.
- Problems arising from poor ventilation (ensure at least 100mm of space around all sides).
- The ambient temperature is too high.
- The temperature setting is too high.

### Can hear the sound of running water from inside the unit

- This is normal, due to the flow of refrigerant in the unit.

### Unusual noise when refrigerator is working

- The refrigerator is not placed on a level surface

### Freezer cannot be set lower than 5 degrees, or not down to -20 degrees

Please press and hold the SET button for 10 seconds until a beep is heard and the code "E1" is shown on the display. Now you can set the arrows to select the lower limit of the temperature control. Continue to press down until -20 is shown, then press the SET button.

The code "E2" will then be shown. You can now set the upper limit, which should be 10, then press SET. The fridge/freezer will now return to normal functionality.

**If you have any other issues or queries regarding the unit, please contact the Kogan customer support team.**