

Bluefin Ice Cache 75L

Bluefin Active Ice Cache 75L Portable Refrigerator and Freezer User Manual

Model: Ice Cache 75L

1. INTRODUCTION

Thank you for choosing the Bluefin Active Ice Cache 75L Portable Refrigerator and Freezer. This device is designed to keep your food and beverages chilled or frozen, offering advanced cooling and freezing technology with two independent temperature-controlled compartments. It is suitable for various environments, from home use to outdoor adventures, and can be controlled via an integrated smartphone application. Please read this manual thoroughly before operating the device to ensure safe and efficient use. Keep this manual for future reference.

2. SAFETY INFORMATION

General Safety Precautions

- Ensure the power supply voltage matches the specifications of the appliance.
- Do not operate the appliance if the power cord is damaged. Contact qualified service personnel for repairs.
- Keep the appliance away from heat sources and direct sunlight to ensure optimal performance.
- Ensure adequate ventilation around the appliance. Do not block ventilation openings.
- Do not use electrical appliances inside the storage compartments unless they are of the type recommended by the manufacturer.
- Avoid placing liquids directly into the compartments without proper containers to prevent spills and potential damage.
- Unplug the appliance before cleaning or performing any maintenance.
- 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.

Electrical Safety

- Use only the provided AC and DC power adapters.
- Do not immerse the appliance or its power cord in water or other liquids.
- Always ensure connections are secure to prevent power fluctuations or damage.

3. WHAT'S IN THE BOX

Upon unpacking, please verify that all the following items are included:

- Bluefin Active Ice Cache 75L Portable Refrigerator and Freezer Unit
- Instruction Manual (this document)
- Tool Kit
- EU/UK AC Power Adapter
- Multi-plug Car Adapter (12V/24V DC)

4. PRODUCT FEATURES

- **Advanced Cooling and Freezing Technology:** Maintains temperatures from -20°C to 20°C.
- **Dual Storage Compartments:** Two independent compartments with separate temperature controls.
- **Smartphone App Control:** Adjust and monitor settings remotely via a dedicated app.
- **Robust Design:** Built to withstand extreme temperatures (-20°C to 50°C ambient) and various terrains.
- **Portable:** Equipped with an extensible pull handle and robust wheels for easy transport.
- **Energy Efficient Charging:** Compatible with AC (240V) and DC (12V/24V) power sources.
- **Integrated LCD Screen:** Digital display for easy temperature adjustment and monitoring.
- **ECO and MAX Modes:** Energy-saving (ECO) and fast-cooling (MAX) operational modes.
- **Battery Protection:** Automatically switches off the appliance when battery voltage is low.
- **USB Charging Port:** Convenient port for charging mobile devices.

5. SETUP

5.1 Initial Inspection

Before first use, carefully unpack the unit and inspect it for any signs of damage. Ensure all components listed in Section 3 are present. Place the unit on a stable, level surface, ensuring adequate ventilation around all sides.

5.2 Power Connection

The Ice Cache 75L can be powered by both AC and DC sources.

Convenient Charging

Charge using a 240V, 12V
or 24V power source



ECO
Energy-Saving

MAX
Fast-Cooling

12/24V
Versatility

Image: The Bluefin Active Ice Cache 75L highlighting its versatile charging capabilities, including 240V AC and 12V/24V DC options, and its ECO and MAX modes.

AC Power (Home/Mains)

Connect the provided AC power adapter to the AC input port on the unit. Plug the other end into a standard 240V wall outlet. Use the appropriate EU or UK plug adapter as needed.

DC Power (Vehicle)

Connect the provided multi-plug car adapter to the DC input port on the unit. Plug the other end into your vehicle's 12V or 24V cigarette lighter socket. Ensure the vehicle's engine is running or the socket is powered to avoid draining the vehicle's battery.

5.3 Smartphone App Pairing

The Ice Cache 75L can be controlled via a smartphone app. Follow these steps to pair your device:

1. Download the official Bluefin Active app from your smartphone's app store (iOS or Android).
2. Ensure your smartphone's Bluetooth is enabled.
3. Power on the Ice Cache 75L.
4. Open the Bluefin Active app and follow the on-screen instructions to search for and connect to your Ice Cache 75L unit.

5. Once connected, you can monitor and adjust settings remotely.

6. OPERATING INSTRUCTIONS



USB
On-the-go phone charging

Smartphone App Control
Easily adjust the fridge's temperature and power consumption

Digital Display
Stay in control of the electronic thermostat wherever you go

Image: The control panel of the Ice Cache 75L, featuring a USB port, digital display, and smartphone app integration for temperature and power management.

6.1 Power On/Off

Press and hold the power button on the control panel to turn the unit on or off. The LCD screen will illuminate when the unit is powered on.

6.2 Temperature Control

The Ice Cache 75L features two independent compartments, each with its own temperature control.



Dual Storage Compartments

Use independent temperature controls to cool or freeze each storage compartment

Image: The Ice Cache 75L with its dual storage compartments open, illustrating the separate zones for cooling or freezing.

Using the Digital Display

- Use the '+' and '-' buttons on the control panel to adjust the desired temperature for each compartment.
- Press the compartment selection button (if available) to switch between controlling the left and right compartments.
- The LCD screen will display the current and set temperatures.

Using the Smartphone App

Once paired, use the Bluefin Active app to precisely set and monitor the temperature of both compartments from your smartphone. The app provides a visual interface for easy adjustments.

6.3 ECO and MAX Modes

The unit offers two operational modes:

Energy Saving

Choose to switch off a compartment when not in use



Battery Protection

Switches off the appliance when the voltage is low

Image: The Ice Cache 75L demonstrating its energy-saving capabilities and battery protection feature, with open compartments.

- **ECO Mode (Energy Saving):** This mode optimizes power consumption, ideal for extended use or when connected to a vehicle battery. Cooling performance may be slightly reduced.
- **MAX Mode (Fast Cooling):** This mode provides maximum cooling power for rapid temperature reduction. Use this when you need to cool items quickly.

Switch between modes using the dedicated button on the control panel or through the smartphone app.

6.4 Dual Zone Operation

The two compartments can be set to different temperatures, allowing you to simultaneously refrigerate and freeze items. For example, one compartment can be set to 5°C for drinks, while the other is set to -18°C for frozen goods. You can also choose to switch off one compartment when not in use to save energy.

6.5 USB Charging Port

A USB port is located on the control panel, allowing you to charge small electronic devices such as smartphones while the Ice Cache 75L is powered on.

6.6 Battery Protection

The unit features a battery protection system to prevent excessive discharge of your vehicle's battery. You can typically select different protection levels (e.g., High, Medium, Low) via the control panel or app. When the input voltage drops below the selected level, the unit will automatically shut off.

6.7 Portability



Image: The robust pull handle and durable wheels of the Ice Cache 75L, highlighting its design for easy transport.

Utilize the extensible pull handle and robust wheels to easily move the Ice Cache 75L across various surfaces. Extend the handle by pulling it upwards until it locks into place, then retract it when not needed.

7. MAINTENANCE

7.1 Cleaning

- Always unplug the unit before cleaning.
- Wipe the interior and exterior surfaces with a damp cloth and a mild detergent.
- Do not use abrasive cleaners, harsh chemicals, or sharp objects, as these can damage the surfaces.
- Ensure the unit is completely dry before plugging it back in.

- Clean the ventilation openings regularly to ensure proper airflow.

7.2 Storage

- If storing the unit for an extended period, ensure it is clean and dry.
- Leave the lids slightly ajar to prevent odors and mildew buildup.
- Store in a dry, well-ventilated area, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

If you encounter issues with your Ice Cache 75L, please refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not power on	No power supply; Damaged power cord; Blown fuse in vehicle.	Check power connection; Try a different power outlet/source; Inspect power cord for damage; Check vehicle's fuse box.
Unit not cooling effectively	Ventilation blocked; Ambient temperature too high; Door not sealed properly; ECO mode active.	Ensure clear ventilation; Move unit to cooler area; Check lid seal; Switch to MAX mode.
Error code on display	Internal fault; Sensor issue.	Turn off and restart the unit. If the error persists, contact customer support.
App not connecting	Bluetooth off; Unit not powered on; App issue.	Ensure Bluetooth is on; Power on the unit; Restart the app or phone.
Battery protection cuts off power too soon	Battery protection level set too high.	Adjust battery protection level to a lower setting (e.g., from High to Medium or Low) via the control panel or app.

9. SPECIFICATIONS

ICECACHE/75



HEIGHT
535mm

LENGTH
826mm

WIDTH
462mm

/ Large Capacity
75 litre storage

Image: The Bluefin Active Ice Cache 75L showcasing its large 75-liter capacity and key dimensions (Length: 826mm, Height: 535mm, Width: 462mm).

Feature	Specification
Model Name	Ice Cache 75L
Capacity	75 Litres
Temperature Range	-20°C to 20°C
Ambient Temperature Range	-20°C to 50°C
Dimensions (L x W x H)	82.6 x 46.2 x 53.5 cm (32.5 x 18.2 x 21.1 inches)
Weight	30 Kilograms
Power Input	AC 240V, DC 12V/24V
Cooling Method	Compressor

Feature	Specification
Special Features	Smartphone App Control, Dual Zone, LCD Display, ECO/MAX Modes, USB Charging, Battery Protection
Model Number	5060630130367

10. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included with your product or visit the official Bluefin website. If you require assistance with setup, operation, or troubleshooting beyond what is covered in this manual, please contact Bluefin customer service directly.

Please have your model number (Ice Cache 75L) and purchase details ready when contacting support.