

## 50Q Electric Cooler

*User Manual*

Model: FCR45DCAPA-GL



\* Product picture is for reference only.  
\* This full manual is full online use only.

Thank you for purchasing this Furrion® product. Before operating your new appliance, please read these instructions carefully. This user manual contains information for safe use, installation and maintenance of the appliance.

Please keep this user manual in a safe place for future reference. This will ensure safe use and reduce the risk of injury. Be sure to pass on this manual to new owners of this appliance.

The manufacturer does not accept responsibility for any damages due to not observing these instructions.

English

# Table of Contents

**Table of Contents** .....2

**Explanation of Symbols** .....3

**Important Safety Instructions**.....3

**Before Use**.....4

    Introduction .....4

    What's in the Box.....4

    Parts and Features .....4

    Accessories Sold Separately .....5

    Shared ECO System Components .....5

**Installation** .....5

    Location .....5

    Wiring .....5

    Storing & Transporting .....5

**Operation**.....8

    Getting Started .....8

    Expanded Function \*ePod™ Battery Only\* .....9

    Navigating Your Cooler .....10

    ePod™ Battery & Dry Storage Compartment .....10

**Care & Maintenance** .....12

**Troubleshooting** .....13

    Error Code .....13

**Specification** .....14

## Explanation of Symbols

This manual has safety information and instructions to help you eliminate or reduce the risk of accidents and injuries. Always respect all safety warnings identified with these symbols. A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

### **DANGER**

Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

### **WARNING**

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

### **CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate personal injury, or property damage.

## Important Safety Instructions

### **DANGER**

- DO NOT use or modify the appliance for anything other than its intended purpose.
- DO NOT use damaged electrical components, or touch exposed areas of wiring.
- DO NOT store explosive substances, such as aerosol cans, in the appliance.
- NEVER Immerse the cooler or electrical adaptors in water, shield from rain fall.
- DO NOT let children or incapable persons to play with or use the appliance, supervise usage or store out of reach.
- NEVER attempt to service the product without contacting Furrion.
- DO NOT lift beyond your capabilities, use additional help if necessary.
- ONLY use Furrion approved accessories.
- NEVER disconnect power, or handle the battery with wet hands.
- DO NOT use your cooler if it is damaged or malfunctions in any manner.
- 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.

Failure to follow instruction will result in serious injury, property damage or death.

### **WARNING**

- If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- The repair and maintenance of the cooler should be conducted by the manufacturer, local dealer or qualified personnel. Do not attempt to repair your cooler by yourself, this will void the warranty.
- Do not let the cord hang over the edge of a table or counter or touch hot surfaces.
- Do not unplug by pulling the cord, always grasp the plug head.

### **WARNING**

- Do not attempt to move your cooler while it is still plugged. To move your cooler safely, it should be unplugged from power supply.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those 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 of the type recommended by the manufacturer.

#### **HEALTH HAZARD**

- Food may only be stored in its original packaging or in suitable containers.
- Opening the lid for long periods can cause significant increase of the temperature in the compartments of the device.
- Clean regularly surfaces that can come in contact with food and accessible drainage systems.
- Store raw meat and fish in suitable containers in the device, so that it is not in contact with or can drip onto other food.
- If the device is left empty for long periods:
  - Switch off the device.
  - Defrost the device.
  - Clean and dry the device.
  - Leave the lid open to prevent mould developing within the device.

### **CAUTION**

- Unplug your cooler when not in use or before cleaning.
- Always keep lids closed before use.
- It is recommended to operate the unit on a flat surface. Maximum operation angle is 30°. During transportation, its slope should be less than 30° and should be handled carefully.
- When not in use, unplug the adapter or solar panel, take out the ePod™ Battery and empty the compartment. Then allow the cooler to air dry.
- The cooler should not be placed inverted.
- Do not use abrasive powders or scouring pads since they may scratch the exterior and interior surfaces of your cooler. Use only mild soap and water and allow to air dry.

Refrigerant

The refrigerant of the cooler is R134a, a natural gas with a high level of environmental compatibility and inflammable in the air.

- During transportation and installation of the cooler, be certain that none of the components of the refrigerant circuit become damaged.

- If the refrigerant circuit should become damaged:
  - Avoid open flames and sources of ignition;
  - Thoroughly ventilate the room in which the appliance is situated.

Save these instructions for future reference!

Before Use

Introduction

This appliance is designed and manufactured for beverage and food preservation. Common uses may include:

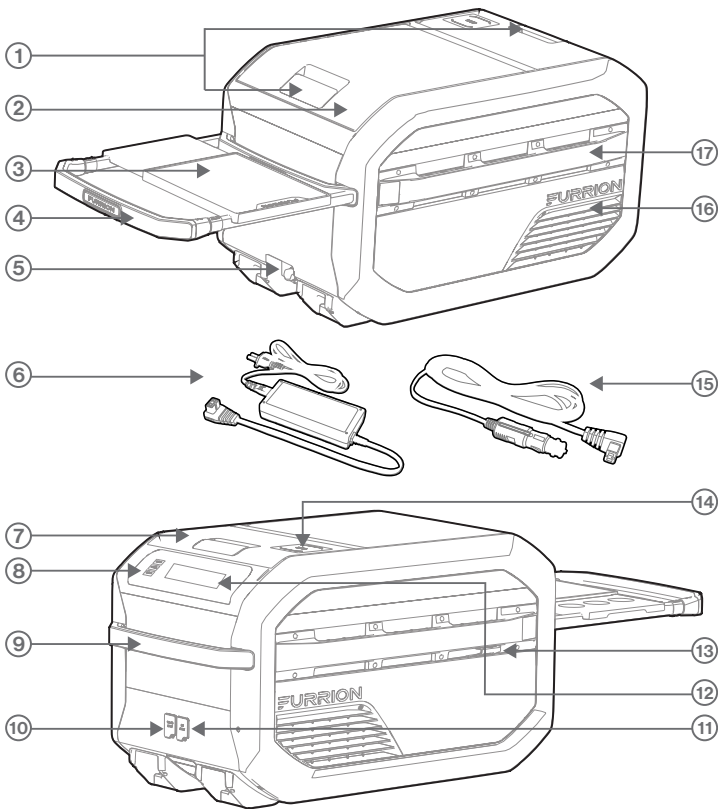
- RV Indoor refrigerator/freezer
- Portable Camping Cooler
- Emergency Cold Storage
- Cold Grocery Preservation
- Cooler mounted in the vehicle to keep food & beverages cold

What’s in the Box

Make sure the unit and the accessories are in the box. If anything is damaged or missing, contact your dealer.

- Furion eRove™ Electric Cooler x 1
- DC (Cigarette Lighter) Cable x 1
- AC/DC Adapter x 1
- Serving Tray x 1
- Dual Cup Holder x 1
- Umbrella Holder x 1
- Basket x 1 (in the cooling compartment)
- Bottle Opener x 1 (installed )
- Screw Plug x 2
- Quick Start Guide x 1
- Warranty Manual x 1

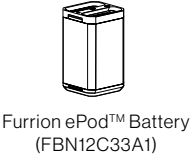
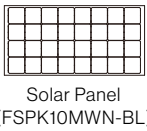
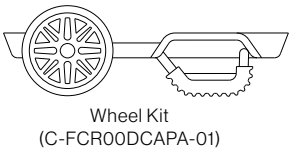
Parts and Features



| Item | Part Name                       |
|------|---------------------------------|
| ①    | Lid Latch                       |
| ②    | Cooling Compartment             |
| ③    | Serving Tray                    |
| ④    | Retractable Handle              |
| ⑤    | Drainage Cap                    |
| ⑥    | AC/DC Adapter                   |
| ⑦    | Dry Storage & ePod™ Compartment |
| ⑧    | USB Ports                       |
| ⑨    | Handle                          |
| ⑩    | Solar Panel Input               |
| ⑪    | DC Input                        |
| ⑫    | Control Panel                   |
| ⑬    | Bottle Opener                   |
| ⑭    | Wireless Charging Pad           |
| ⑮    | DC (Cigarette Lighter) Cable    |
| ⑯    | Vent                            |
| ⑰    | Accessory Rail                  |



Accessories Sold Separately



**NOTE:** For the wheel kit, Furrion ePod™ battery and solar panel, please refer to their own manuals separately for instructions.

Shared ECO System Components

ePod™ Battery

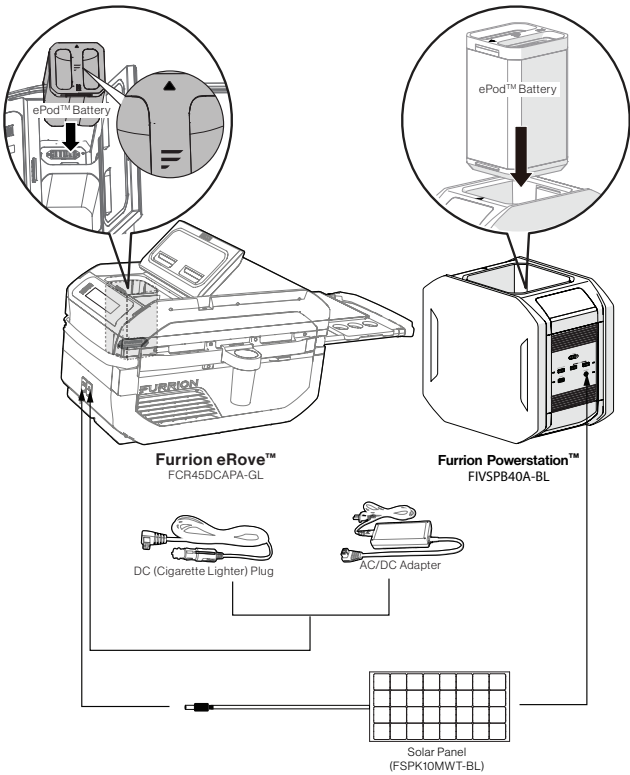
Provided with the ePod™, sold separately with the eRove™ cooler.

Solar Panel

Sold separately for both the eRove™ cooler and the ePod™, but can be shared.

DC (Cigarette Lighter) Plug & AC/DC Adapter

Shared between both the eRove™ cooler and the ePod™, and provided with each.



Installation

Location

- This appliance is designed to be free standing only, and should not be recessed or built in a cabinet.
- NEVER block the air vents during operation and make certain at least 1" (25.4mm) clearance exists to the air vents for good circulation.
- Ensure 20" (508mm) of clearance is above the cooler to open the lids for accessing the compartments if needed.
- It is recommended to operate the unit on a flat surface, or the surface with slope of no more than 30°.
- The unit must be placed in a dry and ventilated place far away from heat sources (such as stove, flue), place the unit in a well shaded area. (Prevent exposure to direct sunlight.)
- When the cooler is attached on the prep kit, make sure there is 20" (508mm) of clearance on top of the cooler so that its lids can be opened without blocking.

Wiring

The cooler can be powered from the following auxiliary sources:

1. Via power adaptor, plugged into a standard fused NEMA 5-15R AC outlet (GFCI not required, as the cooler only uses a NEMA 1-15P plug, which has no protective ground terminal). Ensure the outlet can provide at least 3A of current. The power adaptor is only to be used indoors.
2. Via by-packed cigarette lighter harness, plugged into a standard 12V cigarette outlet. Ensure the outlet can provide a continuous current of 10A, with short peaks up to 15A. The outlet shall be fused as per applicable local legislation.

NOTE: 12V Wiring Installation

- Provide a dedicated circuit to prevent light flicker and other 12V appliance interference.
- Ensure proper wire gauges are used per the following:

| AWG Gauge | Max Length* 12V DC |         |
|-----------|--------------------|---------|
|           | (ft.)              | (m)     |
| 14        | 0 - 6              | 0 - 1.8 |
| 12        | 6 - 10             | 1.8 - 3 |
| 10        | 10 - 20            | 3 - 6   |
| 8         | 20 - 30            | 6 - 9.1 |

- Protect circuit with a 15A delayed or slow blow fuse.

Storing & Transporting

**WARNING**

**EXCESSIVE WEIGHT HAZARD**  
In case of back or other injuries to be caused while moving the cooler, two or more persons should be utilized to move and install the cooler.

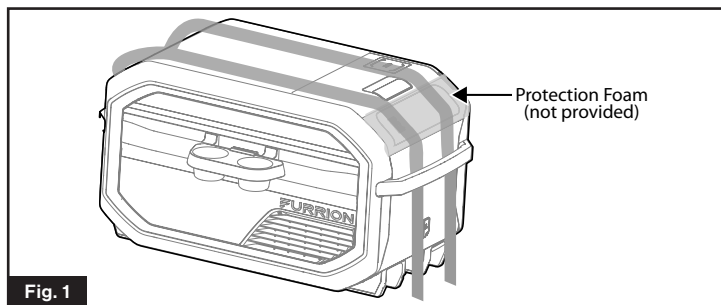
- Store the Cooler at the temperature range of -27°F ~ 122°F (-33°C ~ 50°C).

**CAUTION**

Leaving loose objects inside the cooler compartments while inside a vehicle on the move can damage the cooler unit. Always make sure the stored objects are secured.

## Tie Downs

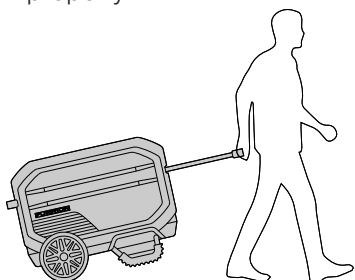
Restrain the cooler over the top with tie down straps (not provided) when transporting to prevent tipping over, sliding, or other hazards. (Fig. 1)



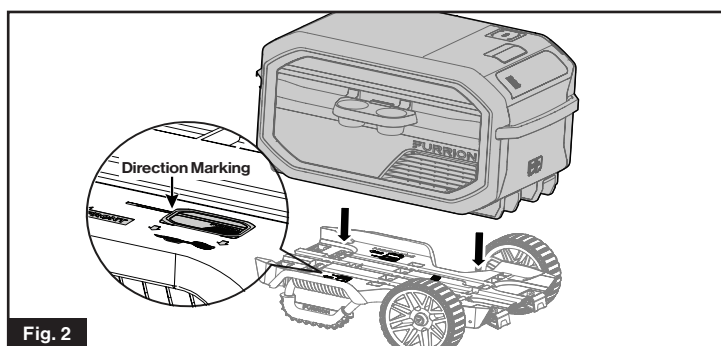
**NOTE:** Do not use the handle or accessory rail as a restraining point. Always include a protection foam over the control panel in case of scratching while strapping the cooler.

## Wheel Kit

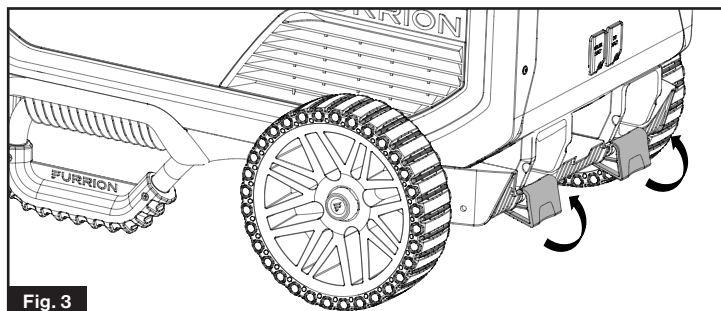
A wheel kit base is available that can be attached securely to the cooler and used for easy mobility. The wheel kit can remain secured to the cooler when transported in your vehicle if tied down properly.



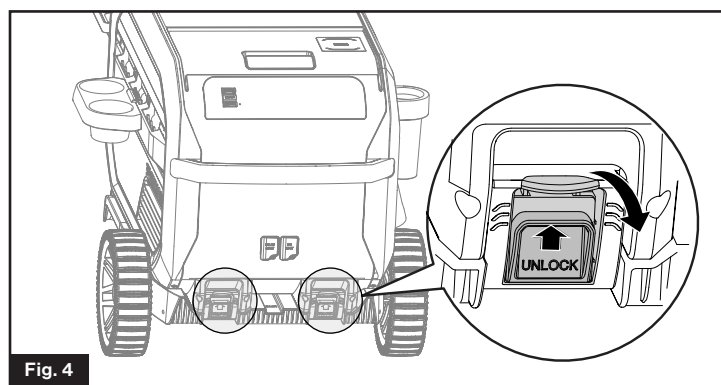
1. See the separate quick start guide of the wheel kit to assemble it.
2. Place the Furrion eRove™ Cooler on the wheel kit following the instruction of direction markings on the wheel kit. (Fig. 2)



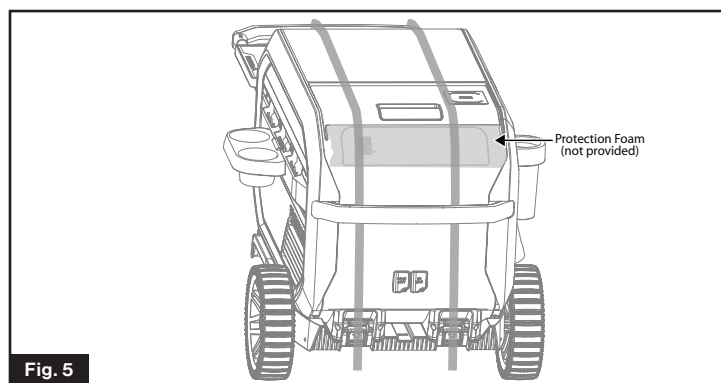
3. To lock the eRove™ Cooler, flip up the latches until they click into place. (Fig. 3)



4. To unlock the eRove™ Cooler, flip up the latches and pull outwards at the same time until they are unlocked. (Fig. 4)

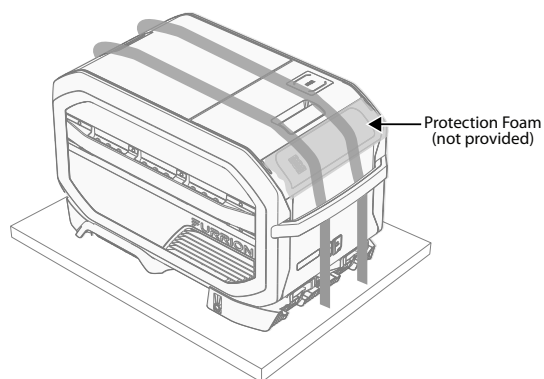


5. When the cooler with wheel kit is located in a moving vehicle, tie down the cooler securely to prevent it from tipping over, sliding or other hazards. (Fig. 5)



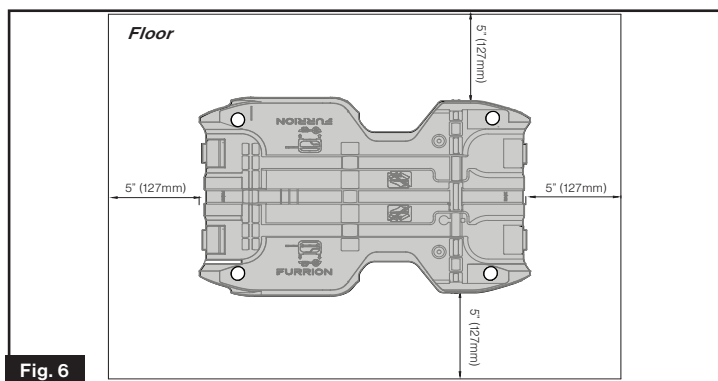
**NOTE:** Do not use the handle or accessory rail as a restraining point.

## Mounting Base

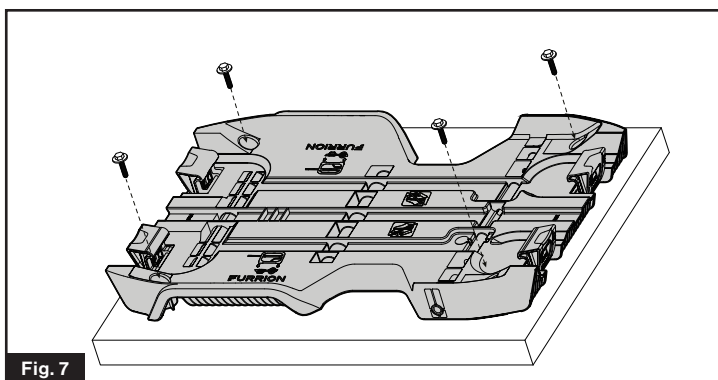


- The cooler is designed to be fixed to a structure with the prep kit.
- Before mounting the base, have the prep kit separated from the wheel kit by removing the wheels (if assembled) and feet.

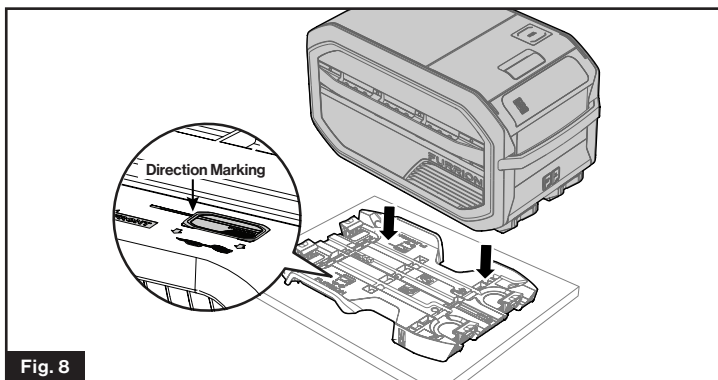
1. Choose a desired location to fix the prep kit. (Fig. 6)  
**NOTE:** Keep min. 5" (127mm) clearance around the prep kit for easy hand locking and releasing the cooler.



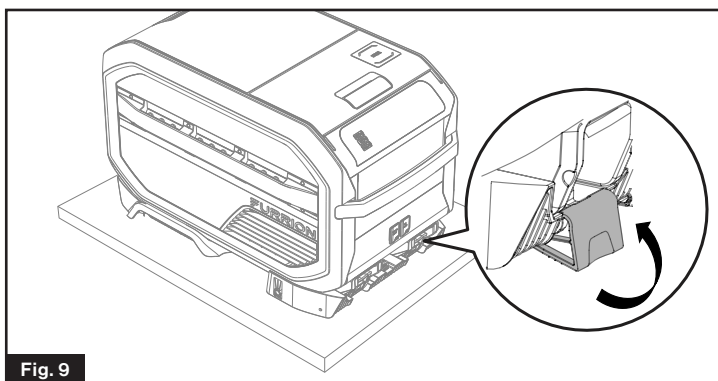
2. Set the prep kit on the desired location and use 4 screws (with washers) that are appropriate for the weight of cooler and its load to fix through the prep kit holes to the floor. (Fig. 7)



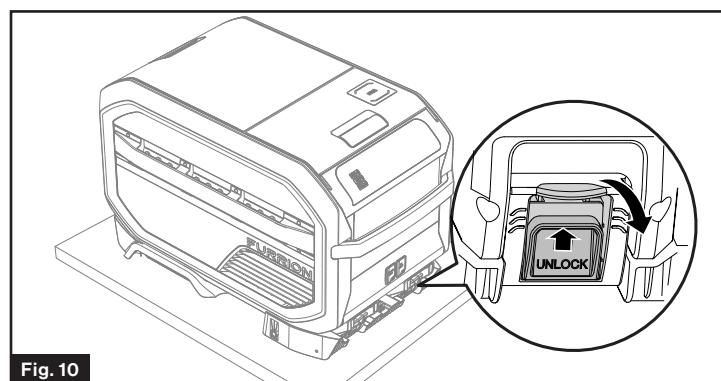
3. Place the Furrion eRove™ Cooler on the prep kit following the markings on the prep kit. (Fig. 8)



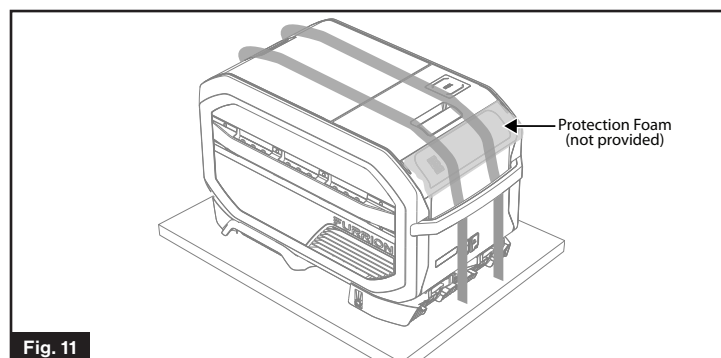
4. To lock the eRove™ Cooler, flip up the latches until they click into place. (Fig. 9)



5. To unlock the eRove™ Cooler, pull up the latches and flip outwards until they are unlocked. (Fig. 10)



6. When the vehicle is in motion, tie down the cooler securely with band on the RV floor for additional restraint. (Fig. 11)

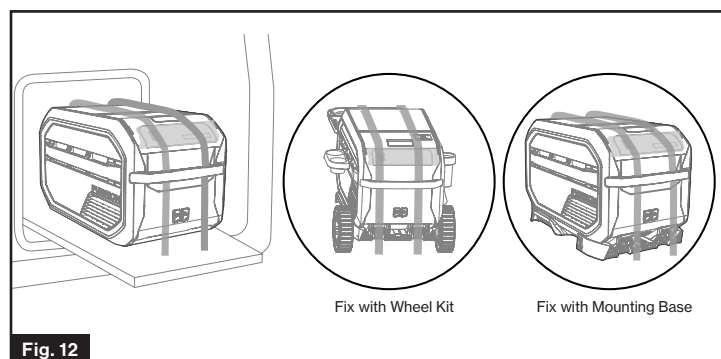


**NOTE:** Do not use the handle or accessory rail as a restraining point.

## Mounting the Cooler on Sliding Platform

A sliding platform can be fabricated to support the cooler for easy storage and usage. Plan for a minimum 200lb (90kg) cooler weight when considering loading scenario's for the platform.

1. Use bolts, washers and nuts (not provided) for securing the prep kit to the tray. Ensure the mounting location on the prep kit aligns with a supporting member of the sliding platform.
2. Extend sliding platform out entirely and check the following:
  - Proper load support.
  - Clearance for opening and closing cold and dry storage lids.
  - Wiring lengths and connection strains.
  - Access to locking latches.
3. Fix the cooler in RV sliding platform. (Fig. 12)



# Operation

It is recommended to clean the cooler before first use. For detail cleaning instructions, please refer to section **Cleaning Instruction**.

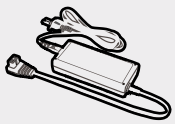
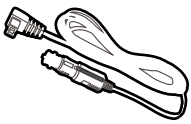
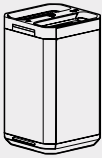
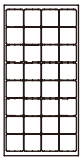
## Getting Started

### Power Input

Select the appropriate power source:

#### NOTE:

The 400Wh ePod™ battery is purchased separately and can be used as a standalone power source. The solar panel is also purchased separately but can not be used as a standalone power source, it must be used in combination with the 400Wh portable ePod™ battery.

|   |                              |                                                                                     |                                                                                           |
|---|------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 1 | AC/DC Adaptor                |    | Converts 120VAC from the wall to DC to power the cooler.                                  |
| 2 | Cigarette Lighter Plug       |   | Connect directly to DC power from the Car or RV to power the cooler..                     |
| 3 | 400WH Portable ePod™ Battery |  | Power the cooler. Can be charged by AC/DC Adaptor, Cigarette Lighter Plug or Solar Panel. |
| 4 | Solar Panel                  |  | Using the 100W solar panel to charge the ePod™ battery.                                   |

#### NOTE:

The AC/DC adaptor is for indoor use only. Do not use it outdoors.

### Power Input Connection

#### AC/DC Adaptor, DC (Cigarette Lighter) Plug

1. Open the DC input socket cover. (Fig. 13)

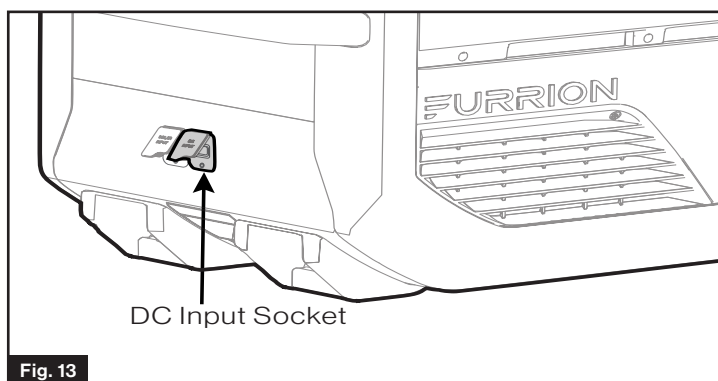


Fig. 13

2. Insert the plug of the appropriate adapter into the DC input socket for power supply. (Fig. 14)

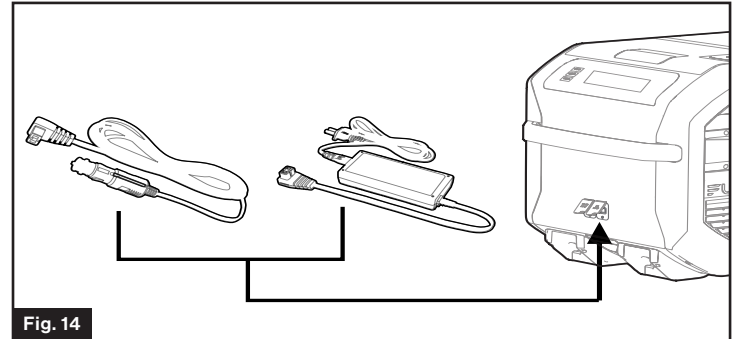


Fig. 14

#### ePod™ Battery

1. Open the battery compartment lid by pulling the latch upwards.
2. Remove the terminal cap at the bottom of the battery compartment by unscrewing the 2 fastening screws. (Fig. 15)

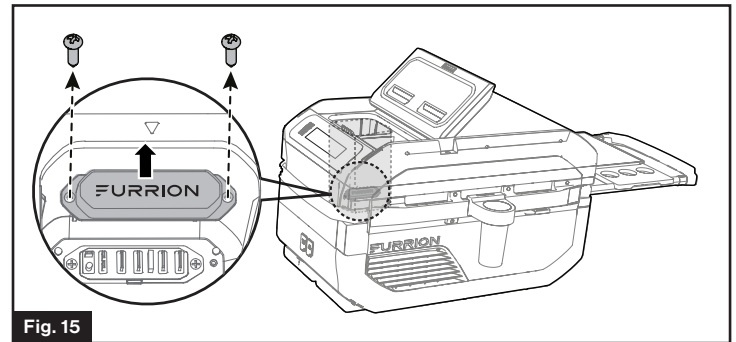


Fig. 15

3. Block the screw holes with 2 screw plugs (provided). (Fig. 16)

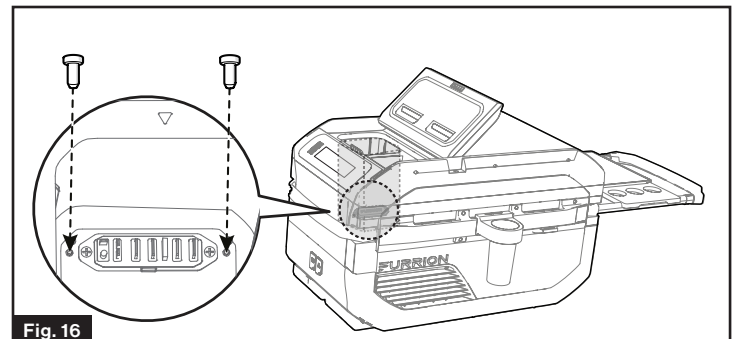


Fig. 16

4. Insert fully the ePod™ battery into the battery compartment with the ▲ icons on the battery and cooler aligned. Close the lid afterwards. (Fig. 17)

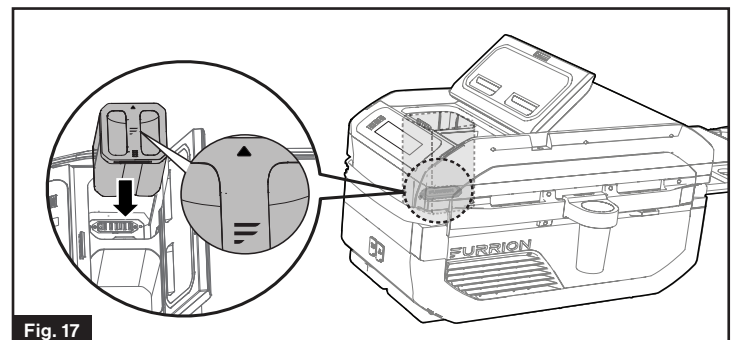


Fig. 17



**NOTE:**

- Once the ePod™ Battery is plugged in, the LCD display on it shows white light for 10s. If the ePod™ battery is charging, the battery icon will flash for a few seconds.
- The dry storage & ePod™ battery compartment should be closed when not in use.
- If the cooler is not used for a long time, install the terminal cover back with screws.

**Solar Panel**

**NOTE: Only operate with ePod™ Battery.**

- Open the solar input socket cover.
- Insert the plug from solar panel into the solar input socket. (Fig. 18)

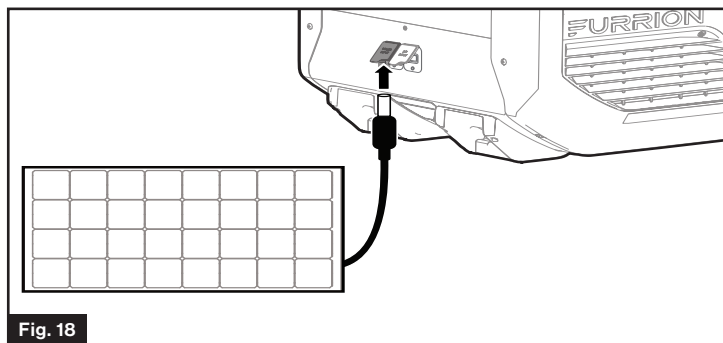
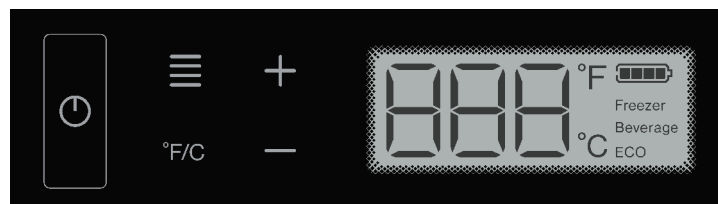


Fig. 18

**Control Panel Function****Power On/Off**

**To turn on the cooler**, touch and hold "Power" key for 1 second, the buzzer will sound, the control panel will display the mode and previous temperature setting. USB ports 1,2,3 and wireless charger are activated for charging your device.

**NOTE:** The LCD screen shows "**ECO**" for the initial start up of the cooler.

**To turn off the cooler**, touch and hold "**Power**" key again for 1 second, the buzzer will sound, and the cooler turns off. The compressor, LCD display, USB and wireless charger will shut down. However, if ePod™ battery is still inserted and the cooler still connected to power supply or solar panel, the device will still charge.

**Mode Selection**

- Press Mode key to select cooling mode following the sequence: **ECO > Beverage > Freezer > USB**.
- Select the ECO, Beverage or Freezer modes, the temperature settings are automatically set to their default values.
- Use "**+** / **-**" to increase/decrease temperature, the cooler enters in Manual mode and does not turn back to the ECO, Beverage or Freezer modes even if the temperature is adjusted to their default values.
- To turn back to the cooling mode (ECO, Beverage or Freezer), press Mode key to reselect.
- Temperature setting will flash for 2 seconds before displaying the actual temperature.

| Mode            | Displayed       | Default                                                                                                  | Temperature Range           | Function                          |
|-----------------|-----------------|----------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------------|
| <b>ECO</b>      | ECO             | 46°F (8°C)                                                                                               | /                           | Saving Power: Freezer or Beverage |
| <b>Beverage</b> | Beverage        | 43°F (6°C)                                                                                               | /                           | Cooling Beverages                 |
| <b>Freezer</b>  | Freezer         | 7°F (-14°C)                                                                                              | /                           | Freezing Items                    |
| <b>USB</b>      | USB             | USB ports and Wireless charging function only, ePod™ battery quick charging activated, Cooling disabled. |                             |                                   |
| <b>Manual</b>   | "Not Displayed" | /                                                                                                        | -8°F ~ 50°F<br>-22°C ~ 10°C | Full Range Setting                |

**+ / -**

Touch "**+** / **-**" to cycle through the available temperature range for the Manual mode. Stop cycling on desired setting to select temperature. Temperature setting will flash for 2 seconds before displaying the actual temperature.

**°F/C**

Touch "**°F/C**" to toggle between Fahrenheit and Celsius. Stop at the desired setting to select the temperature unit.

**Loss of Power Memory Function**

If there is a loss of power, the system will resume with the same settings prior to the interruption as soon as power is restored.

**Expanded Function \*ePod™ Battery Only\*****Power Level Display**

When the ePod™ battery is plugged in the cooler, the battery icon will indicate the actual battery level.

The battery icon is divided into 4 sections, each of them indicates 25% of the ePod™ battery capacity.

When there is no ePod™ Battery plugged in or the ePod™ battery plugged in has no power, the battery icon will not display.

**Deep ECO Mode**

A Deep ECO Mode is available to extend the battery run time when using the ePod™ battery power source.

Deep ECO can be activated only when the device is powered by the Furrion ePod™ battery. To activate Press "**+**" and "**°F/C**" together for 3 seconds.

The LCD screen displays "d" + "ECO" symbol and lights off in 5 seconds. The temperature setting range of this mode is 30°F ~ 46°F (-1°C to +8°C) and the default temperature is 46°F (8°C).

When the cooler is in Deep ECO Mode, only the compressor is in operation and the "**+**", "**-**" and "**°F/C**" keys are active. The USB or wireless charging function will not be available and the Mode and Power On/Off keys will be disabled.

To exit this mode, there are two options to choose:

- Remove the ePod™ battery and DC/Solar power input;
- Press "**+**" and "**°F/C**" keys at the same time for 3 seconds.

## Seamless Power Interruption

If there is a loss of power, the Furrion ePod™ battery will automatically maintain the cooler's function seamlessly until power is restored. No additional setting needs to be selected to activate the battery.

## ePod™ Battery Charging

The ePod™ Battery plugged in the unit can be charged through an adaptor, cigarette plug or solar panel.

### NOTE:

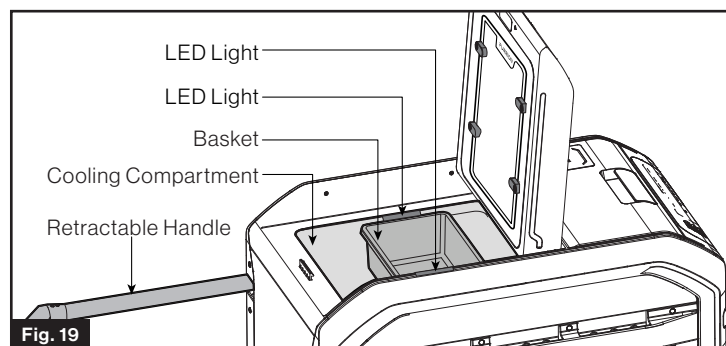
- When ePod™ battery plugged in, connect the AC/DC adapter, cigarette plug or solar panel to the cooler for charging the ePod™ battery. The LCD backlight will dim or turn off if no further operation. Upon touching any key, the LCD screen will light on again.
- When the cooler is only connected with solar panel and without the ePod™ battery plugged in, the LCD shows "SOL" on screen, all functions are disabled.
- When the cooler is with solar panel and with the ePod™ battery plugged in but the battery voltage is too low, the battery icon outline will flash, the LCD shows "- -" on screen, all functions are disabled until the ePod™ battery is recharged to certain level. And it automatically starts working when it is recharged.

## Navigating Your Cooler

### Lid Latch

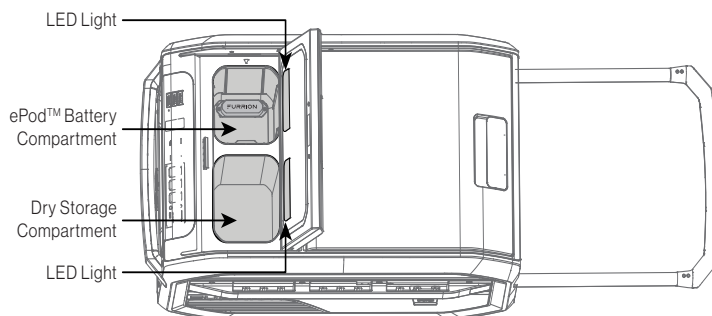
Pull the lid latch outwards to unlock the lid. Then pull the lid upward to open the compartments. Close the lid until a "click" is heard. The lid latch will automatically engage the lock.

### Cooling Compartment (Fig. 19)



- Open the Cooling compartment lid, and the two LED lights will illuminate the compartment automatically.
- The translucent basket can be used to store content at the top and can be removed as necessary.
- Place contents in the cooling compartment that best fits, avoid exceeding a height of the bottom of the translucent basket, so that the basket can slide appropriately and the lid can fully close with a tight seal.

## ePod™ Battery & Dry Storage Compartment



- Open the small lid, and the two LED lights will illuminate the compartments automatically.
- This section is divided into two smaller compartments, one is the ePod™ battery compartment, the other is the dry storage compartment.
- Place any content that doesn't require cold storage in the dry storage compartment. The space is large enough to store an extra battery if needed.
- If using the battery compartment as additional "dry storage" make sure the Furrion terminal cap is in place. Never store metallic/conductive objects in this compartment.

### Retractable Handle

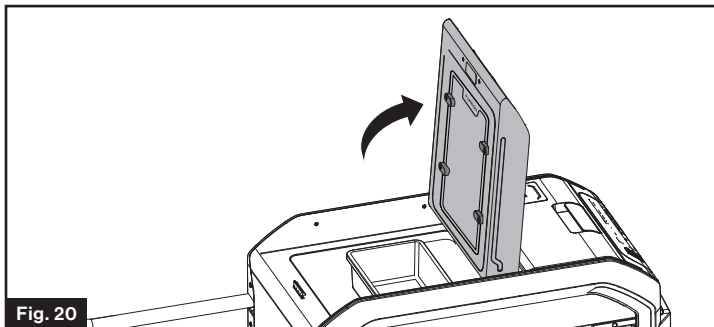
#### ⚠ WARNING

- Always use the handles to lift or move the cooler.
- The net weight of the cooler is 61.5lbs(27.9kg). Use TWO persons to lift the cooler if necessary.
- To lift the cooler, the retractable handle must be in its retracted position to prevent being broken when the cooler is heavily loaded.

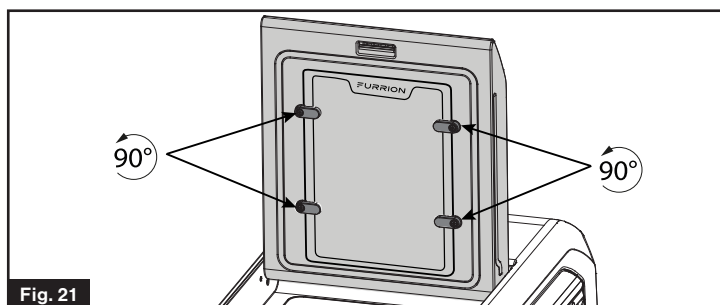
- To extend the handle, press the Furrion button in on the handle and pull the handle outward.
- When not in use, press the Furrion button in and push the handle inward.

### Serving Tray

- Use the tray to cut food on or place on it, and to hold condiments on the three recessed slots.
  - The tray is located under the cooling compartment lid for storage.
  - It can be removed from the lid, unfolded and rest on the retractable handle.
1. Pull out the retractable handle and open the cooling compartment lid. (Fig. 20)

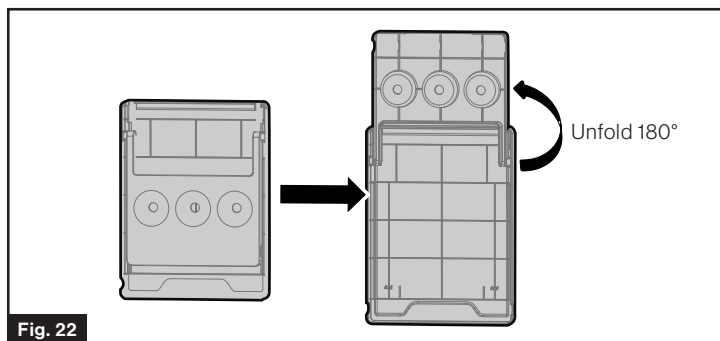


2. Rotate the 4 serving tray locks 90° to release and take out the Serving Tray. (Fig. 21)

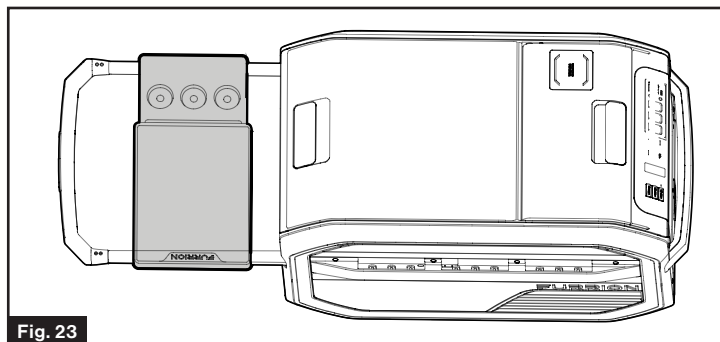


**NOTE:** When placing the serving tray back, make sure the "FURRION" side faces outward. Otherwise the serving tray will not seat properly.

3. Unfold the Serving Tray to its fully extended position. (Fig. 22)

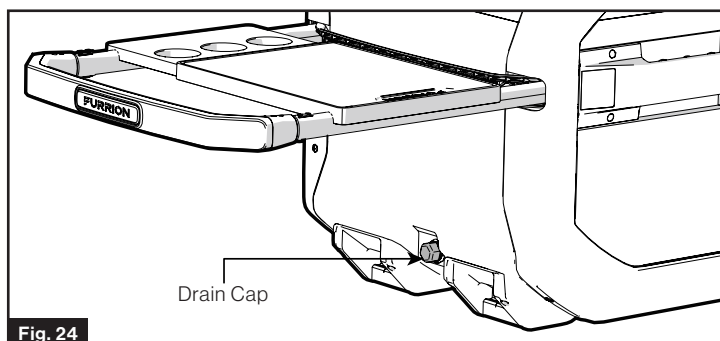


4. Place the Serving Tray on the extended handle. (Fig. 23)



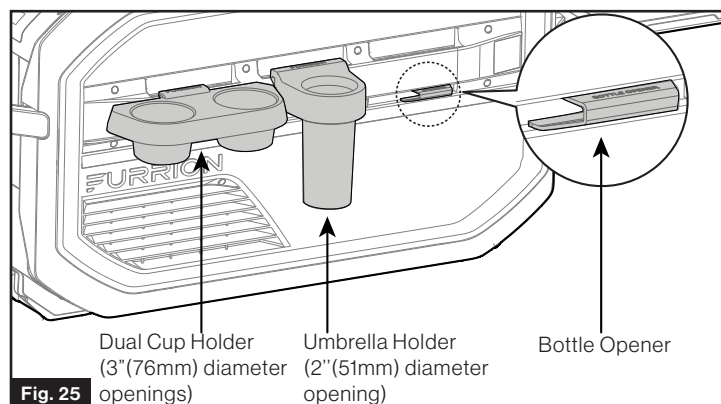
**NOTE:** Do not place more than 5lbs (2.27kg) weight onto the serving tray.

### Drain Cap (Fig. 24)



- Located at the bottom of the cooling compartment side.
- Rotate the cap to take it off, the water in the cooling compartment can be drained.

### Accessory Rail (Fig. 25)



- Installed on both sides of the cooler.
- Dual cup holder, umbrella holder and other accessories can be quickly and conveniently attached and detached from the accessory rail.

#### Bottle Opener

- The Bottle Opener is installed on the accessory rail.
- Heavy duty construction for durability.

#### Dual Cup Holder

- Able to be quickly attached to & detached from the accessory rail.
- Two 3" (76mm) wide openings to fit several beverage sizes (tumblers, cans, water bottles, 12 oz beer bottles).

#### Umbrella Holder

- Able to be quickly attached to & detached from cooler accessory rail.
- Can accept beach umbrella of which handle up to 2" diameter. The pole should insert into the sand ground for at least 5" (127 mm).
- Additional use for fishing poles, flag poles up to 2" diameter.



# Care & Maintenance

## ⚠ CAUTION

Failure to unplug the unit could result in electric shock or personal injury.

### ePod™ Battery Care

Care for the battery as described by the instructions provided with the battery.

### Solar Panel Care

Care for the solar panel as described by the instructions provided with the solar panel.

### Power Failure

Most power failures are recovered within a few hours and should not affect the temperature of your unit if you minimize the number of times the lid is opened.

### Vacation Time

- **Short vacations:** Leave the unit operating during vacations of less than three weeks.
- **Long vacations:** If the appliance will not be used for several months, remove all food and unplug the power cord and ePod Battery. Clean and dry the interior thoroughly. To prevent odor and mold growth, leave the lid open slightly.

### Energy Saving Tips

- The cooler should be located at the coolest area as much as possible, away from heat producing appliances and out of the direct sunlight.
- Let hot foods cool down to room temperature before placing in the unit. Overloading the unit forces the compressor to run longer.
- Be sure to wrap foods properly, and wipe containers dry before placing them in the unit. This cuts down on frost build-up inside the unit.
- Organize and label food to quickly and conveniently locate items and reduce duration and frequency of lid openings.

### Defrosting the Cooler

## ⚠ CAUTION

- Never use hard or pointed tools to remove ice or to loosen frozen objects, because which can damage the inner surfaces of the compartment.
- Do not empty the frost or water in the compartment by turning the cooler over.

Frost can form on the interior of the cooling compartment when operating in Freezer mode. It is important to defrost as necessary and often to prevent a decrease in storage capacity and efficiency of the appliance. Follow the below steps for defrosting.

1. Turn off the cooler and open the cooling compartment lid.
2. Empty the cooling compartment. If necessary, move the items to another freezer.
3. Remove the frost by wiping it off or naturally melting through the bottom drain port.

### Cleaning Instructions

## ⚠ WARNING

- Electrical parts should be wiped by dry cloth only!
- Disconnect any power supply before clean the cooler!

1. Turn off the cooler, unplug the power cord and remove ePod Battery. Empty the cold and dry storage compartments.
2. Wash the inside surfaces with a warm water and baking soda solution. The solution should be about 2 tablespoons of baking soda to a quart of water.
3. Wash the outside surfaces with warm water and mild liquid detergent. Rinse well and wipe dry with a clean soft cloth.
4. Rotate the drain cap off to drain water out of the compartments. And allow the cooler to air dry.

#### NOTE:

- Do not use steel wool or steel brush on the stainless steel. These will contaminate the stainless steel with steel particles and rusting may occur.
- Do not use cleansers containing corrosive and deliquescent material (such as scouring powder, bleach, soap powder, alkaline cleansers, benzene, gasoline, acid, water, etc.) to clean the appearance panels, lid gaskets and plastic parts.

### Correct Disposal of This Product

To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.

## ⚠ DANGER

### RISK OF CHILD ENTRAPMENT

Before you throw away your old refrigerator or freezer:

- Take off the lids.
- Leave the shelves in place so that children may not easily climb inside.

# Troubleshooting

Before contacting the Furrion Customer Service:

1. Try to solve the problem yourself following the points described in the table below.
2. Turn off the appliance and restart it to see if the fault persists.

| Trouble                                             | Possible Cause                                                                                                                                                                                                                                       |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cooler does not work                                | The Cooler is not powered on. Refer Power On/Off section in Page 9 for instructions).<br>The circuit breaker tripped or fuse blown.                                                                                                                  |
| Compressor turns on and off frequently              | The lid is open or is frequently opened, or gasket is torn, ripped or removed.<br>The temperature is not set correctly.                                                                                                                              |
| Cooling compartments are too warm                   | Temperature control is not set correctly ( see page 9 for setting compartment temperature).<br>The lid gasket does not seal properly.<br>The lid is open or is frequently opened.<br>The cooler has recently been disconnected for a period of time. |
| Vibrating or rattling (slight vibration is normal)  | The cooler is placed on uneven or weak surface.                                                                                                                                                                                                      |
| Moisture collects inside the cooler                 | The lid is open or is frequently opened.                                                                                                                                                                                                             |
| Moisture forms on the outside of the cooler         | This is normal in hot and humid weather.                                                                                                                                                                                                             |
| Bubbling or gurgling sounds (like boiling water)    | This is the normal sound of refrigerant (used to cool cooler) circulating throughout the system.                                                                                                                                                     |
| Popping or cracking sounds when compressor comes on | This is normal for metal parts to undergo expansion and contraction, like hot water pipes.                                                                                                                                                           |
| The lid can't be closed properly.                   | The gasket is dirty or bent.<br>The basket is not seated properly.<br>Storage compartment is too full and items are interfering with the lid.<br>Lid latch is damaged or obstructed by sand, screens or something else.                              |

## Error Code

| Codes | Possible Causes                                                                        |
|-------|----------------------------------------------------------------------------------------|
| E0    | Battery is not recognized by the appliance.                                            |
| Lo    | Compressor low voltage protection.                                                     |
| E2    | Fan over-current cut-out.                                                              |
| Hot   | Thermal cut-out of electronic unit.                                                    |
| E6    | Controller hardware of the compressor failure (controller detects abnormal parameters) |
| E7    | Cold storage NTC short circuit                                                         |
| E8    | Cold storage NTC open                                                                  |
| --    | Gyroscope malfunction does not work or ePod™ Battery is not discovered.                |

# Specification

English

|                                      |                                                                                                                         |                                                                                                                                   |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| <b>Cooling Storage Volume</b>        | 1.67 cu. ft. (50 Quart) / 47.3 L                                                                                        |                                                                                                                                   |
| <b>Dry Storage Volume</b>            | 0.2 cu. ft. (6 Quart)/5.7L                                                                                              |                                                                                                                                   |
| <b>Refrigerant Type</b>              | R134a                                                                                                                   |                                                                                                                                   |
| <b>Refrigerant Amount</b>            | 34g/1.2oz                                                                                                               |                                                                                                                                   |
| <b>Cooling Setting</b>               | ECO Mode                                                                                                                | Default: 46°F (8°C)                                                                                                               |
|                                      | Beverage Mode                                                                                                           | Default: 43°F (6°C)                                                                                                               |
|                                      | Freezer Mode                                                                                                            | Default: 7°F (-14°C)                                                                                                              |
|                                      | Manual Mode                                                                                                             | -8°F to 50°F (-22°C to +10°C)                                                                                                     |
| <b>Ambient Temperature*</b>          | 50°F to 109°F (+10°C to +43°C)                                                                                          |                                                                                                                                   |
| <b>Power Supply/Voltage (DC)</b>     | AC/DC adaptor                                                                                                           | 14.5V  /6A                                     |
|                                      | Cigarette Plug                                                                                                          | 13.2V (10V to 16V)                             |
|                                      | Solar Panel                                                                                                             | 16V to 24.5V (open circuit)  (sold separately) |
|                                      | ePod™ Battery                                                                                                           | 14.4V (12.8V to 16.8V)  (sold separately)      |
| <b>Noise Level</b>                   | 45 dB (A)                                                                                                               |                                                                                                                                   |
| <b>USB Port (output)</b>             | USB1 port: 5V  /2.4A                   |                                                                                                                                   |
|                                      | USB2 port: 5V  /2.4A                   |                                                                                                                                   |
|                                      | USB3 port: 5V  /3.1A. 15W quick charge |                                                                                                                                   |
| <b>Wireless Charger</b>              | 10W                                                                                                                     |                                                                                                                                   |
| <b>Wheel</b>                         | Detachable Wheel Kit (Sold Separately)                                                                                  |                                                                                                                                   |
| <b>Product Dimension (L x W x H)</b> | 35 5/8" x 20 1/8" x 19 15/16"<br>906mm x 512mm x 507mm                                                                  |                                                                                                                                   |
| <b>eRove™ Net Weight (lbs/kg)</b>    | 61.5 / 27.9                                                                                                             |                                                                                                                                   |

**NOTE:** The ambient temperature of the ePod battery is 32°F to 104°F (0°C to 40°C).



The contents of this manual are proprietary and copyright protected by Lippert. Lippert prohibits the copying or dissemination of portions of this manual unless prior written consent for an authorized Lippert representation has been provided. Any unauthorized use shall void any applicable warranty. The information contained in this manual is subject to change without notice and at the sole discretion of Lippert. Revised editions are available for free download from [lippert.com](http://lippert.com).

Please recycle all obsolete materials.

For all concerns or questions, please contact Lippert  
PhL 432-LIPPERT (432-547-7378) | Web: [lippert.com](http://lippert.com) | E-mail: [customerservice@lci1.com](mailto:customerservice@lci1.com)

---



---

# This manual is provided courtesy of **RV Tech Cheat Sheet**



**Professional resources for the whole RV industry — free.**

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.

---



---

**[rvtechcheatsheet.com/manuals](https://rvtechcheatsheet.com/manuals)**

**Find thousands more RV manuals, wiring diagrams and parts lists**

**RV techs:** share fixes, ask questions and learn from each other.

**Join our free Facebook group →**

---



---

Follow proper safety practices. If in doubt, consult a professional RV technician.