

## Setpower FC15

# Setpower FC15 Portable Refrigerator Electric Cooler User Manual

*Model: FC15 | Brand: Setpower*

## GENERAL SAFETY INFORMATION

Please read all safety instructions carefully before operating the appliance. Failure to follow these instructions may result in electric shock, fire, and/or serious injury.

- Ensure the power supply matches the voltage requirements of the appliance (12V/24V DC, 110-240V AC).
- Do not operate the appliance if the power cord is damaged.
- Keep the appliance away from heat sources and direct sunlight.
- Ensure proper ventilation around the appliance. Do not block the ventilation openings.
- Do not immerse the appliance in water or expose it to rain.
- Keep out of reach of children.
- Avoid placing corrosive materials or liquids inside the appliance.
- When using in a vehicle, ensure the appliance is securely fastened to prevent movement during transit.

## PRODUCT OVERVIEW

The Setpower FC15 is a versatile portable refrigerator and freezer designed for various applications including car, RV, truck, camping, and travel. It features a powerful compressor for fast cooling and low power consumption.

### Key Features:

- **Fast Cooling:** Achieves 32°F (0°C) from 77°F (25°C) within 15 minutes, and down to -4°F (-20°C) in about an hour.
- **Wide Temperature Range:** Operates between -4°F (-20°C) and 68°F (20°C).
- **Low Power Consumption:** Average energy consumption of only 55W.
- **Compact Capacity:** 15.8 quart (15 Liter) capacity, capable of holding up to 20 cans of 335ml cola.

- **Low Noise Operation:** Operates below 42dB, ensuring quiet use.
- **3-Level Voltage Battery Protection:** Protects vehicle battery from being overloaded or short-circuited (H/M/L settings).
- **Removable 2-Way Door:** Allows convenient access and reversible lid orientation.
- **Durable Handles:** Built-in handles for easy portability.
- **Expansion Holes:** Four expansion holes for accessories like cup holders, umbrella holders, and bottle openers.

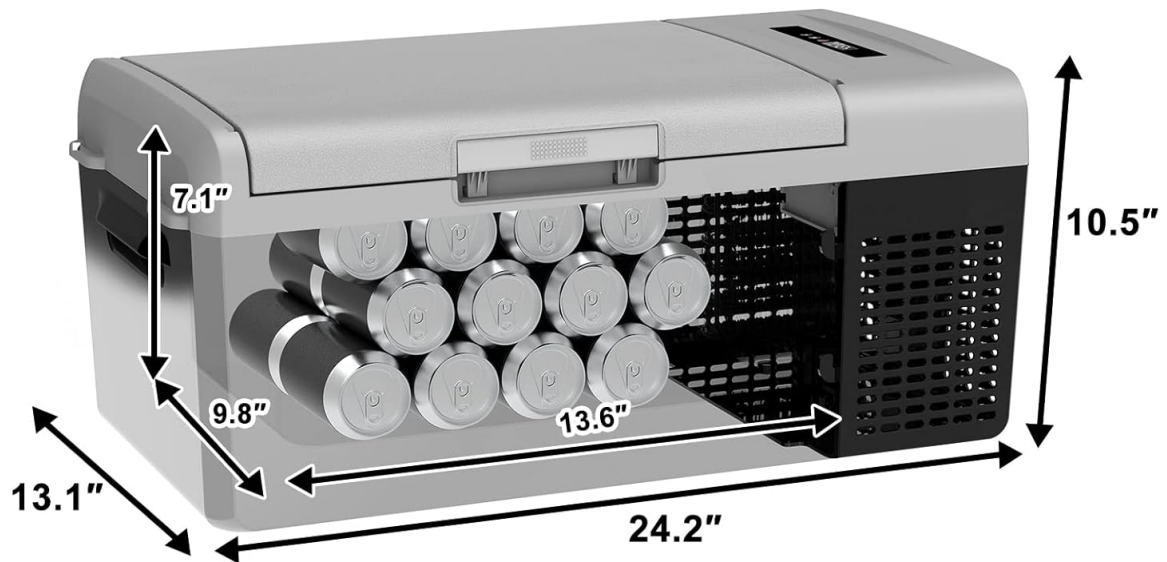
## Components:

The Setpower FC15 includes the main portable freezer unit, a DC power cord, and an AC adapter. Additional accessories such as a cup holder, umbrella holder, and bottle opener are also included.



**Image Description:** A black and grey Setpower FC15 portable refrigerator is shown with its included accessories: a DC power cord, an AC adapter, a cup holder, an umbrella holder, and a bottle opener.

# 15.8 QT / 15 L PERFECT CAPACITY



**20 CANS**  
350ml COLA



**8 BOTTLES**  
550ml WATER



**6 BOTTLES**  
750ml RED WINE

**Image Description:** A diagram illustrating the 15.8 quart (15 liter) capacity of the Setpower FC15, showing it can hold 20 cans of 350ml cola, 8 bottles of 550ml water, or 6 bottles of 750ml red wine. Dimensions are also provided: 24.2 inches long, 13.1 inches wide, and 10.5 inches high.

## SETUP

### Unpacking and Placement:

Carefully remove the appliance from its packaging. Place the refrigerator on a stable, level surface, ensuring adequate ventilation around all sides. Avoid placing it in direct sunlight or near heat sources.

### Power Connection:

The FC15 can be powered by either DC (12V/24V) or AC (110-240V) power sources.

- DC Power (Vehicle):** Connect the provided DC power cord to the appliance's DC input port and then to your vehicle's 12V/24V outlet (cigarette lighter socket).
- AC Power (Home/Wall Outlet):** Connect the provided AC adapter to the appliance's AC input port, then plug the adapter into a standard 110-240V AC wall outlet.



**Image Description:** A diagram showing three power connection options for the Setpower FC15: 1) Solar panel to battery to AC adapter or DC cord, 2) 110-240V AC wall outlet via AC adapter, and 3) 12V/24V DC vehicle outlet via DC cord.

## Initial Power On:

Once connected to a power source, the digital display on the control panel will illuminate. Press the power button to turn on the appliance.

## OPERATING INSTRUCTIONS

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### Control Panel:

The control panel is located on the top of the appliance and features a digital display, power button, and temperature adjustment buttons (+ and -).



**Image Description:** Close-up views of the Setpower FC15's control panel with digital display, lid latch, heat dissipation hole, and an expansion hole for accessories.

## Temperature Setting:

Use the **+** and **-** buttons to set your desired temperature. The display will show the current internal temperature. The appliance can function as either a refrigerator (32°F to 50°F / 0°C to 10°C) or a freezer (-4°F to 32°F / -20°C to 0°C).

# REFRIGERATOR OR FREEZER



-4°F-68°F

-4°F~32°F



SEAFOOD



BEEF



ICE CREAM

32°F~68°F



VEGETABLE



FRUITS



MILK



**Image Description:** An illustration showing the Setpower FC15 functioning as both a refrigerator (32°F-68°F for vegetables, fruits, milk) and a freezer (-4°F-32°F for seafood, beef, ice cream). The interior is shown with various food items.

## Battery Protection Mode:

The FC15 features three levels of battery protection (H - High, M - Medium, L - Low) to prevent excessive discharge of your vehicle's battery. To adjust this setting:

1. Press and hold the power button for 3 seconds until "Pr" appears on the display.
2. Press the power button again to cycle through H, M, and L settings.
3. Release the button when your desired setting is displayed. The setting will be saved automatically.

**Note:** Improper protection setting or low power voltage may cause an E1 error. Lower the battery protection setting or recharge the battery if this occurs.





**Image Description:** A table detailing the cut-off and cut-in voltages for High, Medium, and Low battery protection modes for both 12V DC and 24V DC systems. An image of the cooler in a vehicle trunk with dogs is also shown, implying outdoor use.

## Lid Operation:

The lid is removable and can be oriented in two ways for convenient access. Simply lift the lid from its hinges to remove and reattach as needed.



**Image Description:** An illustration demonstrating how the Setpower FC15's lid can be removed and reattached to open from either side, providing more convenient access to the contents.

## Noise Level:

The FC15 operates at a low noise level, typically below 42dB, comparable to a quiet library environment. This ensures minimal disturbance during use.

# ORDER THE FRIDGE NOW

 Get 3 Extra Gifts





**CUP HOLDER**



**FISHING ROD HOLDER**



**BOTTLE OPENER**

**Image Description:** A graphic comparing the noise level of the Setpower FC15 (42dB) to other common sounds like leaves (20dB), normal chat (55dB), and music (70dB), emphasizing its quiet operation.

## Stability and Tie-down Points:

The refrigerator maintains excellent performance even at a 40° tilt angle, making it suitable for bumpy roads or inclines. It features four expansion holes on both sides that can be used as tie-down points to firmly secure the unit in a vehicle (ropes not included).





**Image Description:** An illustration showing the Setpower FC15's ability to operate at a 40-degree tilt and images of the cooler secured in a vehicle trunk using ropes through its tie-down points.

## MAINTENANCE

### Cleaning:

Regularly clean the interior and exterior of the appliance with a damp cloth and mild detergent. Do not use abrasive cleaners or sharp objects.

### Defrosting:

If ice builds up on the interior walls, it can reduce cooling efficiency. To defrost:

1. Turn off the appliance and disconnect it from the power source.
2. Remove all contents.
3. Allow the ice to melt naturally. You can place a towel inside to absorb water.
4. Once defrosted, wipe the interior dry before restarting the appliance.

## TROUBLESHOOTING

Refer to the following common issues and solutions before contacting customer support:

Problem	Possible Cause	Solution
Appliance not turning on	No power supply; Damaged power cord; Low battery voltage (vehicle)	Check power connection; Replace damaged cord; Adjust battery protection setting or recharge battery.
Poor cooling performance	Blocked ventilation; Excessive ice buildup; High ambient temperature; Overloaded with warm items	Ensure clear vents; Defrost appliance; Operate in cooler environment; Pre-chill items before loading.
E1 Error Code	Low voltage protection triggered	Lower battery protection setting (L mode) or recharge vehicle battery.

Problem	Possible Cause	Solution
Excessive noise	Unstable surface; Blocked fan	Place on a stable surface; Clear any obstructions from the fan.

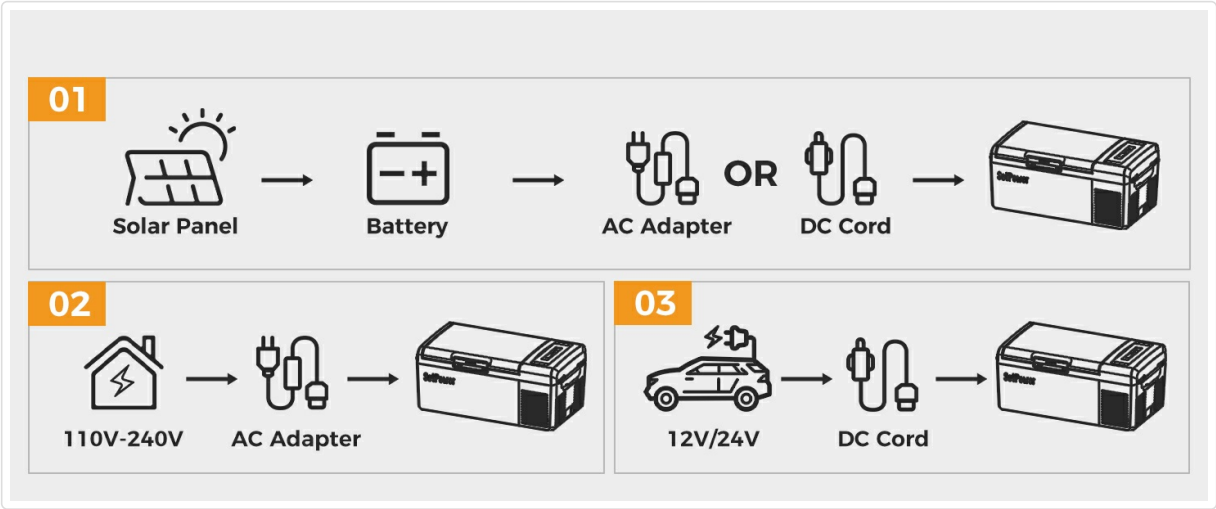
## SPECIFICATIONS

Feature	Detail
Model	FC15
Capacity	15.8 Quarts (15 Liters)
Temperature Range	-4°F to 68°F (-20°C to 20°C)
Power Consumption	Average 55W
Voltage	12V/24V DC, 110-240V AC
Noise Level	Below 42dB
Item Weight	22.4 Pounds
Product Dimensions	24 x 13 x 10.5 inches

## WARRANTY AND SUPPORT



Setpower offers comprehensive support for the FC15 Portable Refrigerator Electric Cooler:

- **Compressor Warranty:** 3 years of technical support on the compressor.
- **Other Parts Warranty:** 1 year warranty for other parts.
- **Customer Service:** For any product questions or assistance, please contact Setpower customer support.



**Image Description:** A graphic highlighting Setpower's 3-year warranty and 24-hour customer service, alongside images of manufacturing and certification documents.

## Related Documents - FC15

 The image shows the cover of the SetPower FC15/20 Portable Refrigerator/Freezer User Manual. It features a blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'FC15/20' written below it. At the bottom, it says 'User Manual' and 'V1.0'.	<p><a href="#">SetPower FC15/20 Portable Refrigerator/Freezer User Manual</a></p> <p>Comprehensive user manual for the SetPower FC15 and FC20 portable refrigerators and freezers, covering safety instructions, operation, troubleshooting, maintenance, and warranty information.</p>
 The image shows the cover of the SetPower TC35 Portable Fridge Freezer User Manual. It features a blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'TC35' written below it. At the bottom, it says 'User Manual' and 'V1.0'.	<p><a href="#">SetPower TC35 Portable Fridge Freezer User Manual</a></p> <p>User manual for the SetPower TC35 portable fridge freezer, covering safety information, getting started, operation, filling, defrosting, maintenance, cleaning, suggestions, general safety messages, notices, faults, and warranty &amp; return information.</p>
 The image shows the cover of the SetPower FC15/FC20 Portable Refrigerator User Manual   Operation & Maintenance Guide. It features a blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'FC15/20' written below it. At the bottom, it says 'User Manual' and 'V1.0'.	<p><a href="#">SetPower FC15/FC20 Portable Refrigerator User Manual   Operation &amp; Maintenance Guide</a></p> <p>Comprehensive user manual for SetPower FC15 and FC20 portable refrigerators/freezers. Learn about safety instructions, data specifications, operation, troubleshooting, and warranty information for your SetPower cooler.</p>
 The image shows the cover of the SetPower TC65/TC75 Portable Fridge Freezer User Manual. It features a blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'TC65/75' written below it. At the bottom, it says 'User Manual' and 'V1.0'.	<p><a href="#">SetPower TC65/TC75 Portable Fridge Freezer User Manual</a></p> <p>Comprehensive user manual for SetPower TC65 and TC75 portable fridge freezers, covering safety instructions, specifications, operation, troubleshooting, and warranty information.</p>
 The image shows the cover of the SetPower RV45S Portable Fridge Freezer User Manual - Operation, Safety, and Warranty. It features a blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'RV45S' written below it. At the bottom, it says 'User Manual' and 'V1.0'.	<p><a href="#">SetPower RV45S Portable Fridge Freezer User Manual - Operation, Safety, and Warranty</a></p> <p>Comprehensive user manual for the SetPower RV45S portable fridge freezer. Covers safety information, data sheet, description, installation, operation, maintenance, troubleshooting, and warranty details for 12/24V DC and 110-240V AC use.</p>
 The image shows the cover of the SetPower FC Series Portable Fridge Freezer User Manual. It features a dark blue background with a white grid pattern. The SetPower logo is prominently displayed in the center, with 'FC Series' written below it. At the bottom, it says 'User's Manual' and 'V1.0'.	<p><a href="#">SetPower FC Series Portable Fridge Freezer User Manual</a></p> <p>This user manual provides comprehensive instructions for operating and maintaining the SetPower FC Series portable fridge freezers, including models FC12 and FC20. It covers safety information, technical specifications, operational guidance, troubleshooting, and warranty details.</p>

