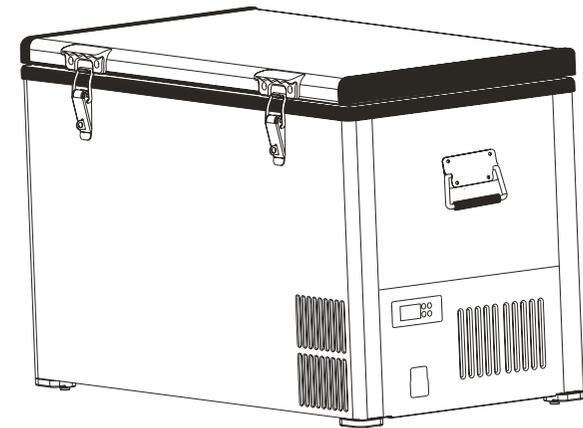




WHYNTER Portable Freezer

MODEL# : FM-45G / FM-65G / FM-85G

Instruction Manual



Congratulations on your new WHYNTER product. To ensure proper operation, please read this Instruction Manual carefully before using this product. Keep this manual in a safe place for future reference.

ONE YEAR LIMITED WARRANTY

This WHYNTER Portable Fridge/ Freezer is warranted, to the original owner within the 48 continental states, for one year from the date of purchase against defects in material and workmanship under normal use and service. Should your portable fridge/ freezer prove defective within one year from the date of purchase, return the defective part or unit, freight prepaid (within two months of purchase; after two months to one year, customer will be responsible for freight cost to Whynter's service department), along with an explanation of the claim to Whynter LLC. Please package the portable fridge/ freezer carefully in its original packaging material to avoid damage in transit. Please retain the original box and packaging material. Under this warranty, Whynter will repair or replace any parts found defective. This warranty is not transferable. After the expiration of the warranty, the cost of labor and parts will be the responsibility of the original owner of the unit.

THIS WARRANTY DOES NOT COVER:

- x Acts of God, such as fire, flood, hurricanes, earthquakes and tornadoes.
- x Damage, accidental or otherwise, to the portable fridge/ freezer while in the possession of a consumer not caused by a defect in material or workmanship;
- x Damage caused by consumer misuse, tampering, or failure to follow the care and special handling provisions in the instructions.
- x Damage to the finish of the case, or other appearance parts caused by wear.
- x Damage caused by repairs or alterations to the product by anyone other than authorized by the manufacturer.
- x Freight and Insurance cost for the warranty service.

DISCLAIMER OF IMPLIED WARRANTIES: LIMITATION OF REMEDIES

CUSTOMER'S SOLE AND EXCLUSIVE REMEDY UNDER THIS LIMITED WARRANTY SHALL BE PRODUCT REPAIR OR REPLACEMENT AS PROVIDED HEREIN. CLAIMS BASED ON IMPLIED WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW, BUT NOT LESS THAN ONE YEAR. WHYNTER SHALL NOT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES SUCH AS PROPERTY DAMAGE AND INCIDENTAL EXPENSES RESULTING FROM ANY BREACH OF THIS WRITTEN LIMITED WARRANTY OR ANY IMPLIED WARRANTY. SOME STATES AND PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON THE DURATION OF IMPLIED WARRANTIES, SO THESE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WRITTEN WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS. YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

Please retain the original proof of purchase in order to obtain warranty services.
Warranty begins from the original date of purchase

To obtain service or information, contact
Whynter LLC via email at support@whynter.com or call
866-WHYNTER.

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TROUBLESHOOTING

| Problem | Cause | Solution |
|--|---|--|
| The compressor runs for 1 to 5 minutes and stops. | The voltage is not in the correct range. | Switch off the power and restart when the power is normal. |
| The compressor runs but the inner liner does not get very cold. | The ambient temperature is too high. | The operating temperature of this unit is <90F. If temperature is higher than 90F, the unit need longer to cool to the set temperature. |
| | The system is blocked. | Contact service department via email at service@whynter.com |
| The inner liner is very cold and the compressor runs continuously. | The ice layer on the evaporator is too thick. | Defrost the freezer |
| | The door is being opened and closed too frequently. | The door should be opened as little as possible. |
| | The freezer is overloaded. | Remove some products from the freezer. |
| | The condenser is not well-ventilated. | Place the freezer in a well-ventilated place. |
| | The temperature sensor-tube is out of the evaporator or the controller is faulty. | Contact service department via email at service@whynter.com |
| The compressor does not run. | The controller is faulty (the power indicator is not on). | Contact service department via email at service@whynter.com |
| | The thermostat is set too high and the ambient temperature is too low. | Set the freezer to a lower temperature. |
| The freezer is noisy. | The freezer is not level. | Place the freezer on a flat and hard surface. |
| | The voltage is not in the correct range. | Switch off the power and restart when the power is normal. |
| Can the unit plugged into both AC and DC power supply? | | Yes. If both AC and DC are plugged in at the same time, then the unit will primarily operate on AC. If the AC power source fails, DC will become primary source of power supply. |

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SAFETY PRECAUTIONS

Read all of the instructions before using this appliance. When using this appliance, always exercise basic safety precautions, including the following:

- Do not use if the power supply cord is damaged. If damaged, it must be replaced by qualified technician/electrician.
- This portable freezer is not intended for use by young children or infirm persons without supervision. Young children must be supervised to ensure they do not play with the appliance.
- Ensure the freezer is unplugged before cleaning or if not in use.
- To clean the freezer use only mild detergents or glass cleaning products. Never use harsh chemicals or solvents.
- Do not use this portable freezer with an extension cord or power strip. Please ensure that the appliance is plugged directly into the electrical outlet.
- When positioning the portable freezer, ensure that there is at least a 6" clearance at the sides of the portable freezer. This will allow for adequate ventilation of heat from the back of the freezer.
- Close the freezer lid immediately after putting in any items to maintain the internal temperature of the unit.
- Avoid placing the freezer near external heat sources or direct sunlight.
- Make sure the freezer is placed on a flat, level, and solid surface.
- Make sure that the surface on which the freezer is placed is strong enough to hold the freezer once it is fully loaded with items.
- The portable freezer is an electrical appliance. To avoid serious injury from electrical shock, do not operate the freezer with wet hands, while standing on a wet surface, or while standing in water.
- Do not expose this appliance to rain or excessive moisture.
- Do not turn the portable freezer upside down, on its side, or 45° or more off level.
- Never pull the power cord to disconnect the unit from an outlet. Grasp the plug directly and pull it from the outlet.
- Never lift or carry the freezer by the power cord.
- Keep the power cord away from heated surfaces.
- This portable freezer is designed for non-commercial use only.
- Do not plug this portable freezer into the power socket before setup is completed.
- An empty portable freezer can be dangerous for children or small animals. If disposing of the portable freezer remove gaskets, latches, lids and the entire door from your unused appliance so that children or small animals cannot become trapped inside.
- Do not cut or remove the third prong (the grounding prong) from the power cord.
- The cord should be secured behind the unit and should not be left exposed or dangling.
- Do not move this portable freezer without securing the lid in a closed and latched position.
- Performance may vary based on operational and ambient conditions.

Defrosting and Deodorizing

When the ice layer on the inner cabinet sides is over 0.2", the defrosting operation should be performed to improve the refrigerating efficiency. To do this, follow these steps below:

1. Turn off the power, and remove all items inside the freezer.
2. Allow the ice to completely melt.

Tip: To remove unpleasant odors place a piece of charcoal in the chest

**Never
remove ice
with a sharp
object or
screwdriver.**

Normal Operating Sounds and Functions

- It is normal to hear gurgling sounds caused by the flow of refrigerant when each cooling cycle ends.
- The surface temperature of the compressor can reach 158-194°F when running.
- The noise emitted by the cooling fan on the condenser is a normal function.
- It is normal for the fan in the power supply to run all the time.

CLEANING YOUR PORTABLE FREEZER

- Always disconnect the power supply before cleaning. Clean the inside of the cabinet whenever necessary using a solution of warm water and baking soda (1 tablespoon to every 2 liters of water). Dry with a soft cloth.
- Do not use steel brushes or harsh detergents to clean the inner liner.
- Dirt from the condenser should be cleaned by a qualified technician when necessary.

Temperature Adjustment

When the freezer is connected to the power outlet, press the “set” button, the LED will display the set freezing temperature of 0°F.

Temperature adjustment:

- ① Press the “set” button.
- ② While the LED is flashing, press “+” or “-” button to reach the required temperature.

Note: Do not use the refrigerator-freezer as a refrigerator when the ambient temperature is lower than 41°F

Speed mode setting

Gently press the “Mode” button to switch from Auto mode to Low speed mode. The LED light in yellow indicates “Auto mode” and in green indicates “Low speed mode”.

OFF mode setting

Press “Mode” button for 5 seconds, and machine switches off. The nixie display indicator display on OFF.

When switched off, press on the “Mode” button, the machine exit OFF mode.

Food Storing

- Fresh foods should NOT be stored together with frozen foods.
- When the temperature is set below 32°F, do not keep glass-bottled drinks such as beer and lemonade or soda cans, as the glass and cans might shatter.

PARTS AND FEATURES

Your Whynter portable freezer is supplied with all the accessories you need to enjoy refrigeration almost anywhere. Below is an image of the freezer features and standard accessories.



1. Latch
2. Insulated lid
3. Wire baskets
4. Side handle
5. DC power cord
6. AC power cord
7. Drain plug

If you want to protect and provide additional insulation for your Whynter portable freezer, the Whynter insulated flexible transit bag is your best solution. The transit bag comes custom tailored with openings for your freezer's handle grips, air vents, and power cords to allow operation with the bag in place. The transit bag also comes with a fast open top flap for quick and easy access to the freezer compartment. A convenient side pocket also allows you to tote any cords and accessories with the bag.

Please feel free to contact our Sales Team at info@whynter.com for purchase information.

Proper Location

- Position your portable freezer in a location where there is proper air circulation and electrical connections.
- Keep the portable freezer away from heat and direct sunlight if possible.
- This portable freezer is suitable for vehicle use and camping however, the appliance should never be exposed to rain.
- This portable freezer should not be placed in a built-in or recessed area. It is designed to be freestanding.
- The normal operation of the freezer depends on heat radiation from the condenser. For the initial use, remove all packaging and allow at least 6" of clearance around the perimeter of the freezer.

Because this unit is compressor based appliance, ample space is required around the unit to allow it to exhaust

Movement and Installation Instructions

1. Remove all interior and exterior packaging.
2. Position the freezer in a dry and well-ventilated place. Keep the freezer away from direct sunlight, heaters and corrosive gases/chemicals.
3. Clean the interior surface with lukewarm water and a soft cloth.
4. When inserting the AC power-cord into the power socket, make sure the power socket is a grounded 115V~AC / 60Hz socket. Also, make sure that the unit's grounding prong has not being tampered with.

Note: When inserting the DC power-cord, make sure the input is a 12V~DC / 24V power source.

5. When moving the freezer, always use both handles to carry the unit as level as possible. This is in order to protect the compressor and the sealed system.

OPERATING YOUR PORTABLE FREEZER

Test-Run

The control system allows for the voltage cut-out to be set to three (3) different settings depending on the environment & situation that the appliance is being operated in. Low voltage supply to the appliance can result in poor cooling performance and damage to the supply battery.

When using 12V DC, the digital readout will show the factory setting 10.0V DC. To ensure that suitable battery voltage can be maintained the controller has been programmed to offer three (3) cut-out levels-11.8, 10.7 & 10.0V DC.

When using 24V DC, the digital readout will show the factory setting 22.2V DC. To ensure that suitable battery voltage can be maintained the controller has been programmed to offer three (3) cut-out levels- 25.0, 23.5 & 22.2V DC.

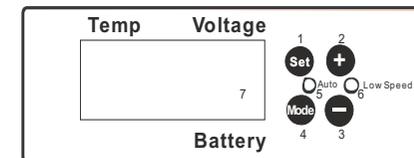
To set the battery cut-out to the required level follow these steps:

- ① Press "Set" button to switch from temperature setting to low-voltage setting, press once to set the temperature, and press twice to set the low-voltage.
- ② Push the "+" or "-" to adjust the setting. The display will flash four (4) times with the selected setting. To check press "SET" once and the selected setting will flash and then return to current voltage input.

When the appliance is disconnected from the power source the battery cut-out remains at its last setting.

UNDERSTANDING THE TEMPERATURE CONTROL SETTING

Your portable freezer uses a digital control system for adjusting the thermostat.



- 1.SET: Set button
- 2.Button for adjusting temperature +
- 3.Button for adjusting temperature -
- 4.Mode: Mode button
- 5.Auto indicator: yellow when running normal
- 6.low-speed indicator: green when low-speed working
- 7.LED indicator: display the temperature (°F), voltage and battery condition