



Emperor 25 Portable Refrigerator

P/N 44268

User's Manual

SAFETY WARNINGS AND GUIDELINES

Please read this entire manual before using this device, paying extra attention to these safety warnings and guidelines. Please keep this manual in a safe place for future reference.

- This device is intended for indoor use only.
- Do not expose this device to water or moisture of any kind. If moisture does get in or on the device, immediately remove it from its power source and allow it to fully dry before reapplying power.
- Do not fill the inner container with liquids or ice.
- Do not touch the device or the power cord with wet hands.
- Do not expose this device to excessive vibration or extreme force, shock, or fluctuations in temperature or humidity.
- Do not expose this device to excessively high temperatures. Do not place it in, on, or near a heat source, such as a fireplace, stove, radiator, etc. Do not leave it in direct sunlight.
- Use only in a well-ventilated area. Do not use in close, confined spaces.
- Do not obstruct the fan or vent openings. Ensure that the unit is properly ventilated with at least 2" of space around all four sides.
- Prior to operation, check the unit and power cord for physical damage. Do not use if physical damage has occurred.
- Do not handle the power cord or operate the unit with wet hands or when standing in water.
- If operating this device on a boat with an AC connection, you must install a residual current circuit breaker between the AC power source and the cooler.
- Disconnect the unit from the power source when replacing the fuse. Replace the fuse only with the same type.
- Unplug this device from the power source when not in use.

- Take care to prevent damage to the power cord. Do not allow it to become crimped, pinched, walked on, or become tangled with other cords. Ensure that the power cord does not present a tripping hazard.
- Never unplug the unit by pulling on the power cord. Always grasp the connector head or adapter body.
- This device has no user serviceable parts. Do not attempt to open, service, or modify this device.
- This device should only be operated by qualified adults.
- In the event of serious operating problem, stop using the unit immediately.
- Keep out of reach of children under the age of 3. Children over the age of 3 years may add or remove items from the inside of the device. Children over the age of 8 years may operate this device with adult supervision.
- Keep away from corrosive materials. Do not store toxic or corrosive material inside the device. Do not store explosive substances, such as aerosol cans with flammable contents.
- Disconnect the device from its power source before cleaning.
- Regularly clean the drain system and any surfaces that can come into contact with food or drink.
- Do not leave the lid open for an extended period of time and avoid continually opening and closing the lid. These can greatly increase the internal temperature, which can jeopardize food safety.
- Store raw fish and meat in suitable containers to avoid contact with or dripping juices on other food or food containers.
- If the device will go unused for a long period of time, switch the unit off and unplug it from its power source. Then defrost the unit, clean and dry the inside, and leave the lid open or remove it to prevent mold development.
- Do not power this device from a vehicle's battery without the vehicle running. Doing so can drain the battery and prevent vehicle starting.

- Disconnect this device from a vehicle's battery before applying a fast charging device to the battery.
- Do not use electrical devices inside the unit, unless recommended for such use by the manufacturer.
- The insulation in this device contains flammable cyclopentane. Dispose of this unit only at an appropriate recycling center.
- This cooler uses R134a refrigerant. Dispose of this unit only at an appropriate recycling center.
- This unit can be operated on unlevel surfaces with up to a 30° angle for a very short period of time. It can be operated on a slope of up to 15° for longer periods, but compressor noise will increase accordingly.

FEATURES

- 25 liter internal capacity
- Temperatures can be displayed in Celsius (°C) or Fahrenheit (°F)
- Temperature can be set in increments of 1°C or 2°F.
- Includes an AC adapter for connecting the unit to an AC power outlet
- Includes a DC auxiliary power cord for powering the unit from a vehicle's battery
- Features a three-level battery monitor to protect the vehicle's battery
- Includes a USB charging port for powering or charging mobile devices

CUSTOMER SERVICE

The Monoprice™ Customer Service department is dedicated to ensuring that your ordering, purchasing, and delivery experience is second to none. If you have any problem with your order, please give us an opportunity to make it right. You can contact a Monoprice Customer Service representative through the Live Chat link on our website www.monoprice.com or via email at support@monoprice.com. Check the website for support times and links.

PACKAGE CONTENTS

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact Monoprice™ Customer Service for a replacement.

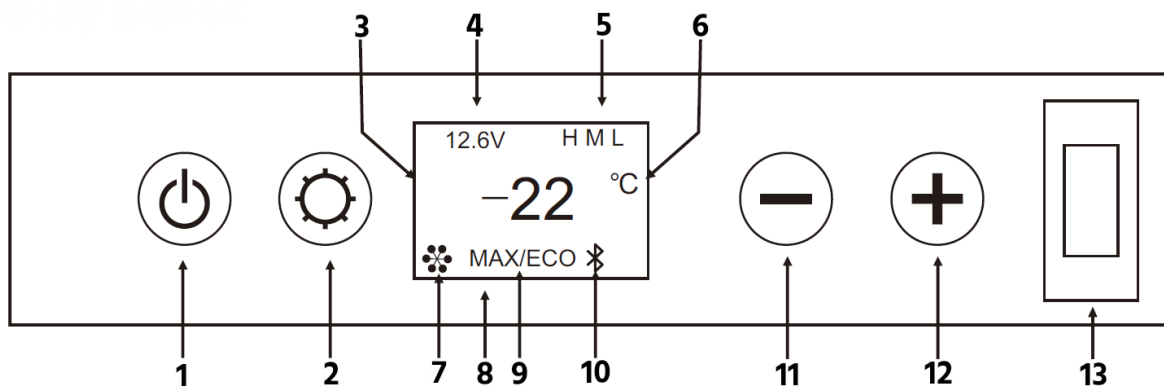
1x Emperor 25 Portable Refrigerator

1x DC Power Cord

1x AC Power Adapter

1x User's Manual

PRODUCT OVERVIEW



1. **POWER:** Press and hold the **POWER** button for 1-3 seconds to turn the unit on or off.

2. **SETTINGS:** Press the **SETTINGS** button to select a function or save the setting memory.
3. **TEMPERATURE:** The number in the center of the **DISPLAY** shows the actual internal temperature or the set temperature, when setting the target temperature.
4. **VOLTAGE:** Displays the detected input voltage.
5. **H/M/L:** Displays the level of battery protection being provided.
6. **°C/°F:** Displays the temperature units.
7. **COMPRESSOR:** This indication is visible whenever the compressor is operating.
8. **LCD DISPLAY:** The **LCD DISPLAY** shows the various settings and operating conditions.
9. **MAX/ECO:** **MAX** is displayed when in maximum cooling mode. **ECO** is displayed when in energy saving mode.
10. **BLUETOOTH:** This unit does not have Bluetooth®, so this display is unused.
11. **—:** Press the **—** button to decrease the target temperature setting or to select a function.
12. **+**: Press the **+** button to increase the target temperature setting or to select a function.
13. **USB:** USB charging port provides 5 VDC, 2A of charging power.

CONTROLS OPERATION

Power

- Press and hold the **POWER** button for 1 second to turn the unit on. When powered on, the **LCD DISPLAY** will illuminate and the unit will start cooling. Note that when operating with battery power, the **LCD DISPLAY** will turn off when the battery level is low.
- Press and hold the **POWER** button for 3 seconds to turn the unit off. When powered off, the **LCD DISPLAY** will turn off and the unit will stop cooling.

Settings

- Press and hold the **SETTINGS** button for 1 second, then release the button. The **TEMPERATURE** in the **LCD DISPLAY** will begin flashing. Press the **—** and **+** buttons to set the desired target temperature. When the desired target temperature is displayed, press and hold the **SETTINGS** button for 1 second to save the set temperature. Alternatively, wait 10 seconds for the **TEMPERATURE** in the **LCD DISPLAY** to stop flashing and automatically save the set value.
- Press and hold the **SETTINGS** button for 3 seconds, then release the button. The **H/M/L** letters will begin flashing on the **LCD DISPLAY**. Momentarily press the **SETTINGS** button to cycle between the **H**, **M**, and **L** battery protection levels. The **H** and **M** settings are appropriate for when the unit is plugged into an AC power source. The **M** and **L** settings are appropriate for when the unit is plugged into a DC power source. When the desired protection level is displayed, press and hold the **SETTINGS** button for 1 second to save the setting. Alternatively, wait 10 seconds for the **H/M/L** in the **LCD DISPLAY** to stop flashing and automatically save the set value.
- Press and hold the **SETTINGS** button for 3 seconds, then release the button. The **H/M/L** letters will begin flashing on the **LCD DISPLAY**. Press and hold the **SETTINGS** button for 3 seconds again, then release the button. The **°C/°F** display will begin flashing. Momentarily press the **—** button to cycle between the **°C** and **°F** temperature unit setting. When the desired temperature unit is displayed, press and hold the **SETTINGS** button for 1 second to save the setting. Alternatively, wait 10 seconds for the **°C/°F** in the **LCD DISPLAY** to stop flashing and automatically save the set value.
- Press and hold the **SETTINGS** button for 3 seconds, then release the button. The **H/M/L** letters will begin flashing on the **LCD DISPLAY**. Press and hold the **SETTINGS** button for 3 seconds again, then release the button. The **°C/°F** display will begin flashing. Press and hold the **SETTINGS** button for 3 seconds a third time, then release the button. The **MAX/ECO** display will begin flashing. Momentarily press the **+** button to cycle between the **MAX** and **ECO** settings. When the desired cooling mode is displayed, press and hold the **SETTINGS** button for 1 second to save the setting. Alternatively, wait 10 seconds for the **MAX/ECO** in the **LCD DISPLAY** to stop flashing and automatically save the set value.

COOLER OPERATION

Before First Use

- Prior to first use, the inside and outside of the cooler should be thoroughly cleaned. Refer to the *CLEANING AND MAINTENANCE* section for details.

Energy Saving Tips

- Place the unit in a well-ventilated location that is protected from direct sunlight.
- Allow warm food to cool before placing it in the cooler.
- Do not open the lid more than necessary.
- Do not leave the lid open longer than necessary.
- Defrost the cooler whenever frost forms.
- Avoid unnecessarily low temperature settings. The maximum cooling level is -22°C, however it is recommended to not use settings lower than -15 ~ -18°C.

Connecting to AC Power

- Do not handle the power cord or operate the unit with wet hands or when standing in water.
- If operating this device on a boat with an AC connection, you must install a residual current circuit breaker between the AC power source and the cooler.
- When using an AC connection, the battery protection level should be set to **Low (L)**.

Connecting to DC Power

- This cooler has a multilevel battery monitor that protects your vehicle's battery from excessive discharge.

- When the cooler is operated on battery power and the vehicle's ignition is off, the cooler will automatically turn off when the voltage level falls below a certain threshold. The cooler will turn back on when the battery has been recharged to the restart voltage level.
- The cooler can be damaged if it is powered on and off too rapidly. Ensure that the vehicle's battery is fully charged and the engine is on to keep the battery charged during use to prevent excessive power on/power off cycles.
- When using battery power, the battery protection level should be set to **High (H)**.

USB Power

The convenient USB port on the control panel delivers 5 VDC, 2A of charging power to keep your mobile devices fully charged.

CLEANING AND MAINTENANCE

Cleaning the Cooler

- Never immerse the cooler in water or use running water on either the inside or outside.
- Do not use abrasive cleaners or hard objects when cleaning the cooler.
- Occasionally clean the inside and outside of the cooler with a damp cloth.
- During operation, condensation can appear at the lid seal. This is normal and can be cleaned by wiping it with a damp cloth.
- Ensure that the air inlet and outlet vents are free of any dust or dirt to allow for proper cooling.

Defrosting the Cooler

Humidity can form frost on the inside of the cooler or on the evaporators. This can reduce the cooling capability. Defrost the cooler whenever frost forms to prevent damage.

Perform the following steps to defrost the cooler.

1. Remove all contents from the inside of the cooler. If necessary, place them in another cooling device to keep them cool.
2. Turn off the cooler and unplug it from the power source.
3. Open the lid and leave it open. Alternatively, you can remove the lid. See the *Removing the Lid* section for details.
4. Keep the cooler open until all frost has melted to water.
5. Clean the defrosted water from the inside of the cooler with a damp cloth.

Replacing the DC Fuse

Perform the following steps to replace the DC fuse.

1. Locate the DC fuse cover, then pry it open.
2. Remove the faulty blade fuse.
3. Insert a new fuse of the same type and rating.
4. Close the fuse cover.

Replacing the Fuse in the DC Plug

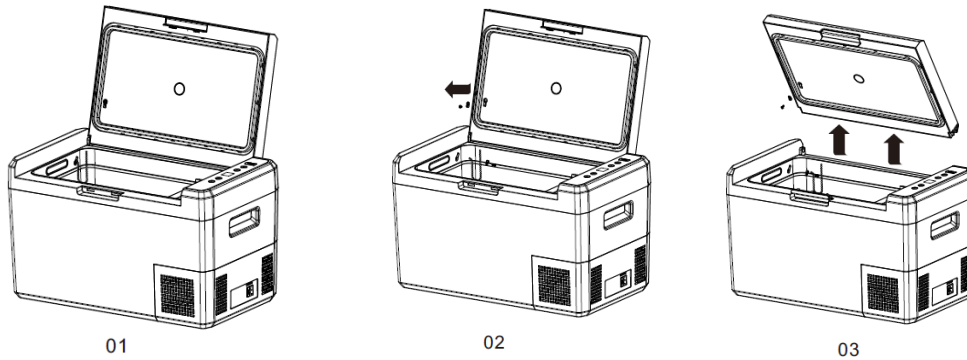
- Replace the faulty fuse in the DC plug with a new fuse of the same type and rating.

Removing the Lid

Perform the following steps to remove the lid from the cooler.

1. Open the lid. You will see a chain on the left side that prevents the lid from opening too far.

2. Remove the screw that secures the chain to the lid. After the chain is removed, replace the screw in the lid to prevent it from being lost or misplaced.
3. Lift the lid to remove it from the cooler.



TROUBLESHOOTING

Q1: The cooler does not operate when connected to a DC power source.

A1: This can be caused by several different conditions:

- There is no voltage on the DC auxiliary outlet. In many cases, the vehicle's ignition must be on for power to be applied to the auxiliary outlet.
- The DC plug or socket could be dirty, preventing a good electrical connection. Clean the socket and plug and ensure that the plug is properly inserted.
- The fuse in the DC plug could be blown. Replace the fuse with a new one of the same type and rating.
- The vehicle's fuse could be blown. Replace the vehicle's fuse for the DC auxiliary socket. Refer to your vehicle's owner's manual for details.

Q2: The cooler does not operate when connected to an AC power source.

A2: Ensure the AC outlet is live by plugging in a different device, such as a lamp. If the outlet is live, contact Monoprice™ Technical Support for assistance.

Q3: The interior light flashes.

A3: This occurs when the lid has been open for more than 3 minutes or if the lid is not fully closed. Firmly close the lid. If the lid was fully closed, contact Monoprice Technical Support for assistance.

Q4: The **LCD DISPLAY** shows an F1 fault code.

A4: Try turning off the cooler for at least 1 minute, then turn it back on. If the fault persists, contact Monoprice Technical Support for assistance.

Q5: The **LCD DISPLAY** shows an F2 fault code.

A5: This can be caused by several different conditions:

- The DC voltage is too low. Ensure that the vehicle's battery is fully charged.
- The battery protection level is set too high. Choose a lower battery protection level.
- The DC voltage could be too high (> 31.5V). Ensure that the battery's output level is within the required input voltage parameters.
- If the voltage levels are correct and the battery protection level is on **Low (L)**, contact Monoprice™ Technical Support for assistance.

Q6: The **LCD DISPLAY** shows an F3 fault code.

A6: The fan overcurrent protection has engaged. Turn the cooler off for at least 5 minutes, then turn it back on. If the fault persists, contact Monoprice Technical Support for assistance.

Q7: The **LCD DISPLAY** shows an F4 fault code.

A7: A compressor or start failure has occurred because the ambient temperature is too high. Turn off the cooler for at least 30 minutes, move it to a cooler location, then turn it back on. If the fault persists, contact Monoprice Technical Support for assistance.

Q8: The **LCD DISPLAY** shows an F5 fault code.

A8: This indicates that the compressor speed is too low. Turn off the cooler for at least 30 minutes, move it to a cooler location, then turn it back on. If the fault persists, contact Monoprice Technical Support for assistance.

Q9: The **LCD DISPLAY** shows an F6 fault code.

A9: This indicates that the controller temperature is too high. This can be caused by the cooler being overloaded or if the ambient temperature exceeds +55°C (+131°F).

Remove contents from the cooler, move it to a cooler location, and ensure that the vents are clear and that there is sufficient space around the unit to allow for proper ventilation. If the fault persists, contact Monoprice Technical Support for assistance.

TECHNICAL SUPPORT

Monoprice™ is pleased to provide free, live, online technical support to assist you with any questions you may have about installation, setup, troubleshooting, or product recommendations. If you ever need assistance with your new product, please come online to talk to one of our friendly and knowledgeable Tech Support Associates. Technical support is available through the online chat button on our website www.monoprice.com or through email by sending a message to tech@monoprice.com. Check the website for support times and links.

SPECIFICATIONS

P/N	44268
Capacity	6.5 gallons (24.7 liters)
USB Output	5 VDC, 2A
Rated Operating Voltage (DC input)	12/24 VDC, 4.5A/2.5A maximum
Rated Operating Current (12/24 VDC)	3.0A/1.8A
Operating Ambient Temperature	+50 ~ +109°F (+10 ~ +43°C)
Temperature Difference	129°F (54°C)
Minimum Temperature Setting	-8°F (-22°C) at an ambient temperature of +90°F (+32°C)
Temperature Setting Range	+50 ~ -8°F (+10 ~ -22°C)
12 VDC Cut-off/Cut-on Voltages	L on/off: 11.4 ±0.3/10.1 ±0.3 M on/off: 12.2 ±0.3/11.4 ±0.3 H on/off: 12.6 ±0.3/11.8 ±0.3
24 VDC Cut-off/Cut-on Voltages	L on/off: 23.0 ±0.3/21.5 ±0.3 M on/off: 25.3 ±0.3/24.1 ±0.3 H on/off: 26.2 ±0.3/24.6 ±0.3
Weight	24.0 lbs. (10.9kg)

REGULATORY COMPLIANCE

Notice for FCC



This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must

accept any interference received, including interference that may cause undesired operation.

Modifying the equipment without Monoprice's authorization may result in the equipment no longer complying with FCC requirements for Class B digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Notice for ISED Canada

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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