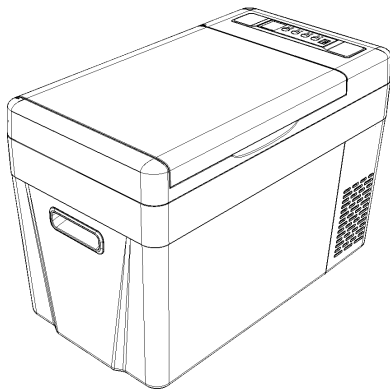




USER MANUAL

For 30 Quart Portable Refrigerator



Model: SNOW28

AFTER-SALES SERVICE AND WARRANTY

The F40C4TMP portable refrigerator comes with a 2-year warranty from the date of purchase.

If you have any questions during use, please feel free to contact us through:

 **Phone No.:** 4086887296

Monday to Friday 9:00 am - 5:00 pm (PST)

 **Email:** service@f40c4tmp.com

 **Website:** www.f40c4tmp.com

 **Amazon:** Message us through "Ask a question" in F40C4TMP Amazon shop

ATTENTION

▲Please read this manual carefully before use and keep it properly

- ① When using for the first time, clean the inside and outside of the portable refrigerator with a damp cloth.
- ② Please clean the inside of the refrigerator regularly to prevent odorous bacteria to ensure food safety.
- ③ If not used for a long time, please disconnect the power and keep the inside of the portable refrigerator dry.

▲Connect the power supply



Connect to the car cigarette lighter



12/24V DC power cord



100-240V AC power cord



Car refrigerator power outlet

- ① The portable refrigerator is dual-use for car and home. It supports 12V / 24V DC and 110V AC.

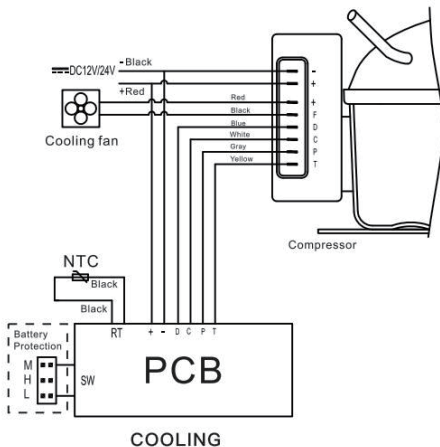
Tips: The refrigerator can also run with energy storage power supply.

- ② For car: Find the DC power cord in the kit. Connect the DC plug to the power outlet of the portable refrigerator with another end plugged into cigarette lighter.
- ③ For home: Find the AC adapter (2 sections) in the kit. Connect one plug to the power outlet of the portable refrigerator with another end plugged into the household wall outlet.
- ④ Press the " ⏻ " button for 3 to 5 seconds, then the portable refrigerator will be turned on.

▲Safety Attentions

- ① Always ensure that the power supply voltage connected to the portable refrigerator is correct (the portable refrigerator verification voltage parameter is on the parameter label).
- ② Do not pour liquid especially corrosive liquid directly into the portable refrigerator.
- ③ Do not place the freezer under direct sunlight.
- ④ The refrigerator could not be exposed to rain.
- ⑤ This product is not designed to be used by children. Do not allow children to crawl around this product.

PORTABLE REFRIGERATOR ELECTRICAL SCHEMATIC



PORTABLE REFRIGERATOR OPERATION

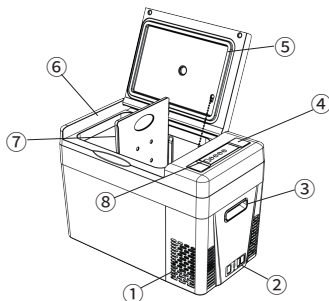
▲ Car Battery Protection Function

The built-in electronic control module can automatically monitor the car battery voltage. When the car battery power drops to a certain level, the portable refrigerator will automatically cut off the power connection to ensure that the car battery will not run out.

Voltage	The Factory Default Voltage Protection Level Is: H		
	High mode	Medium Mode	Low mode
12V DC	11.3V OFF, 12.5V ON	10.1V OFF, 11.4V ON	9.6V OFF, 10.9V ON
24V DC	24.6V OFF, 26V ON	22.3V OFF, 23.7V ON	21.3V OFF, 22.7V ON

Note: When the portable refrigerator is turned on, the ON / OFF refers to the ON / OFF of the compressor.

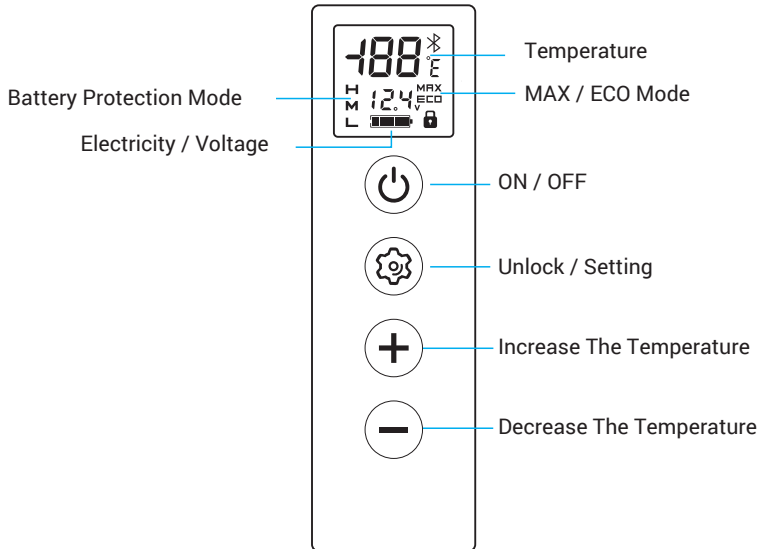
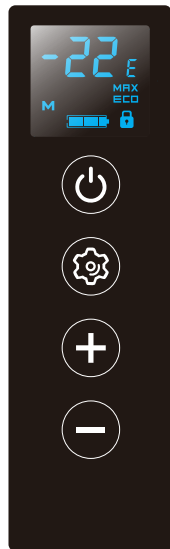
▲ Parts Schematic



- ① Ventilation port
- ② 12/24V power outlet
- ③ Interior handle
- ④ Control panel & Digital display
- ⑤ Seal rubber ring
- ⑥ Refrigerator cabinet
- ⑦ Removable divider
- ⑧ USB

OPERATION INSTRUCTION

▲ Digital Display And Control Panel



▲ Temperature Adjustment Settings

Adjust the temperature of the portable refrigerator through the LCD panel.

▲ Operation Method

- ① Press the "  " button for 3 seconds, the refrigerator is turned on / standby.
 - ② Press the " + / " - " button to adjust the temperature.
 - ③ Long press the " + / " - " button to increase or decrease the temperature at a rate of 3°C per second. The number will not flash during the process of adjustment.
 - ④ After setting the temperature, if there is no further operation on the panel within 3 seconds, the temperature display will stop flashing and save the currently set temperature.
 - ⑤ The temperature display shows the actual temperature inside the box.
 - ⑥ Under the standby mode, the control panel will not light up.
 - ⑦ Under the working status, press "  " button to switch MAX / ECO mode.
 - ⑧ Temperature can be adjusted between -7.6°F to 50°F (-22°C to +10°C).
 - ⑨ Temperature unit conversion: Press "  " and " + " for 3 seconds at the same time to switch Celsius(°C) and Fahrenheit(°F).
 - ⑩ Car battery protection mode: During the working state, press the "  " button for 3 seconds to enter the battery protection setting. Then press the "  " button to switch H / M / L. After selecting a level, the display panel will flash for 5 seconds, and then it will automatically save and exit the setting.
- * Generally speaking, when connecting to the car power, we recommend using the H level. When connecting to the portable power station, it is recommend to select M / L level.
- ⑪ Note: Please adjust the refrigerator settings when the panel is in the unlocked state. If the panel is locked, please press the "  " button for 3 seconds to unlock it.

The portable refrigerator has a power-off memory function. The fridge state (On / Off, ECO / MAX mode, or H / M / L level) will be restored automatically before power-off, so there is no need to reset the settings the next time you turn on the portable refrigerator.

ECO: Energy Saving and Cooling Mode

MAX: Fast Cooling Mode

OPERATION SUGGESTION



If you equipped the portable refrigerator with a portable power station, it could maintain the proper temperature you set under any circumstances without any worries.



Prevent health problems caused by drinking bottled water that is exposed to excessive heat.



Tea can be kept fresh in the portable refrigerator so that you can drink fresh and delicious tea at any time during the driving tour.



In summer, the temperature inside the car is very high, causing the fruits in the car to be unable to keep fresh for more than 2 hours. Even if the air conditioner is open, the storage time is short. The portable refrigerator can effectively keep fruits fresh.



When placing ice cream, please adjust the temperature to the lowest and always keep the portable refrigerator on.



Portable refrigerator let chilled ingredients(frozen food, expensive seafood, etc.) accompany the journey.



The ideal storage temperature of red wine is 50°F to 64°F. The precise temperature control of the portable refrigerator can ensure the storage temperature of red wine.



The coating of sunglasses will fall off under the high temperature in summer, and the portable refrigerator is the ideal place to put it.



Cosmetics are easy to deteriorate under the high temperature in the car. A portable refrigerator will be a better choice for you to store the cosmetics.

TROUBLESHOOTING

Advice: If there is an abnormal situation that cannot be solved through the guidance, please contact the F40C4TMP customer service team for assistance.

▲The Portable Refrigerator Does Not Work

- ① Check whether the power is connected correctly or not (the plug is loose, positive and negative poles are reversed, etc.).
- ② Check whether the refrigerator is turned on.
- ③ Check whether the cooling ventilation is normal.
- ④ Check whether the fuse is blown.

▲Low Cooling Efficiency

- ① Check whether the fridge door is closed properly.
- ② Check whether the door seal is damaged or deformed, resulting in unsealed.
- ③ Check whether the heat dissipation and ventilation are working normally.
- ④ Check whether the temperature setting is proper.

▲Abnormal Noise

- ① Check whether the refrigerator is placed stably.
- ② Check whether the refrigerator hit the wall or other items.
- ③ Check whether the internal part in the compressor compartment is loose or fell off.

▲Condensation of the Refrigerator Surface

When the ambient air humidity is >75%, a slight frost will occur on the surface of the cabinet, which is a normal phenomenon.

▲ Error Code Definition

Error Code	Error Type	Solutions
E1	The input voltage is too low	① Condition: Plug the 12v DC cord into the car cigar lighter before the car engine starts. Solution: Plug the DC cord into the car cigar lighter after the car engine starts. ② Condition: The input voltage of the adapter is too low. Solution: Adjust the battery protection mode to Middle/Low level. If the fridge still does not work normally, please use a new adapter.
E2	Fan problem	Solution: Please replace with a new fan.
E3	Compressor starts frequently or input voltage failure	① Condition: E3 appears when using the DC cord. Solution: Please use the AC adapter to test it. If the refrigerator can be used normally without the E3 code, you need to check your external power supply. ② Condition: E3 appears when using the AC adapter. Solution: Please power off the refrigerator for 5 minutes. After that, turn on the refrigerator. If E3 still appears, please replace the compressor controller.
E4	Compressor turbine speeds too slow	Solution: Please power off the refrigerator for 1 hour, and then restart the refrigerator to see if E4 still appears. If it is, please replace the compressor controller.
E5	Controller chip overheated	Solution: Power off the refrigerator for 15 minutes. Then turn on the refrigerator to check whether the fan rotates. If the fan does not rotate, please replace the fan. Note: Reserve 15cm for the cooling holes for ventilation.
E6	NTC open circuit or short circuit	Solution: Disassemble the control panel to check whether the NTC cord is loose. Note: The NTC cord is inside the control panel.

Note: For the replacement parts, please contact F40C4TMP customer service team.

CLEANING & MAINTENANCE

▲Cleaning

- ① Disconnect the power supply before cleaning the portable refrigerator.
- ② Dissolve sodium bicarbonate (baking soda) in warm water to clean the refrigerator. Never use abrasive products, detergents or soaps to clean the refrigerator.
- ③ After cleaning, wipe the inside of the refrigerator with a clean damp cloth and carefully dry it.
- ④ If the inside of the device is wet, do not store the device. Always make sure the inside of the refrigerator is dry before you store it.
- ⑤ Never clean the equipment in running water or dishwater.
- ⑥ Clean all vents of the compressor compartment with compressed air or a vacuum cleaner.

▲Defrosting

- ① The inside of the refrigerator may ice up which will reduce the capacity and cooling efficiency. Defrosting the refrigerator regularly will keep the portable refrigerator in top operating condition.
- ② Take out all items.
- ③ Disconnect the power supply of the portable refrigerator.
- ④ Open the lid and let the refrigerator temperature return to ambient temperature.
- ⑤ When the ice melts, soak up the water with a clean towel.
- ⑥ Once all the ice has melted, clean the interior.

CAUTION: DO NOT use hard, sharp or pointed objects to remove the frost or use them to help you remove the frozen items. This may cause irreparable damage to the cooling system.



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