



Portable Fridge

TREK 18 / 32



PLEASE READ AND FOLLOW ALL SAFETY RULES AND OPERATING INSTRUCTIONS BEFORE USE

INSTRUCTION MANUAL

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Product Features

1. Utilises a high-efficiency and energy-saving DC compressor along with a conversion module, ensuring reliability, extended service life, rapid cooling, cold storage, and deep cooling capabilities.
2. Incorporates high-density polyurethane insulation, providing exceptional insulation performance and minimal energy consumption.
3. Versatile for use in both vehicles and homes; operates at 12V/24V in cars (standard) and comes with a 100-240V adapter for household use.
4. Capable of cooling down to -22°C (tested in ambient temperatures of 32°C).
5. Features an intelligent control system with a power-off memory function.
6. Equipped with an auto battery intelligent protection system, safeguarding your car's battery.
7. Offers adjustable cooling temperatures ranging from +24 to -22°C, ensuring precise electronic temperature control.
8. Showcases a unique and fashionable appearance design.
9. Convenient dual-sided cover opening for easy access.
10. Includes a built-in bottle opener for added functionality.

Functions & Operation

Power Connector

Power Connection

A. Includes a 12V/24V DC power cord for car use (see Image 1 for car application).

B. Alternatively, you can use the optional power adapter with a DC power cord to operate the device at home. The power adapter supports household alternating current 100-240V (see Image2 for home application).



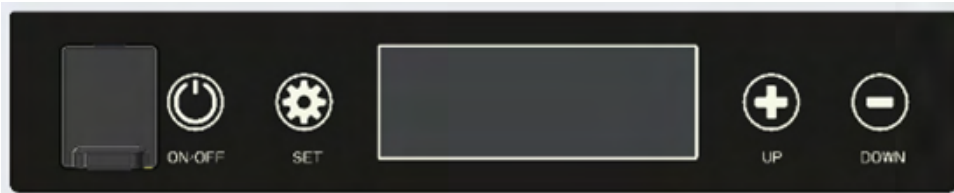
Image 1



Image 2

Display and Control Panel Diagram:

With USB,TYPE C charging (Rubber cover) and display and control panel.



Operation Method

- Press and hold the POWER button for 1 second to power on the device and activate the display screen. To power off, press and hold the POWER button for 3 seconds.
- After powering on: If you wish to operate the control panel, you must first unlock the screen. Long-press the SET button for 3 seconds, and the lock symbol will disappear from the screen. If there is no operation within 30 seconds, the screen will automatically re-lock, and the lock symbol will reappear.
- When the screen is in the unlocked state, pressing the + or - buttons will allow you to adjust the temperature to your preference within the temperature range of -22 to +24°C. Press the SET button to switch between operating modes and units.

Note: When the internal temperature reaches the set refrigerator temperature, the compressor will cease operation.

Operating Instructions

For car battery, set it to M gear (default setting).

For an external battery or backup battery, set it to L gear.

Due to variations in vehicle output voltages, if E1 is displayed, you can lower the battery gear by one level (H to M or L / M to L).

Operating Instructions

Parameters for 3 Voltage stages of L/ M/ H

Voltage stage	12V	12V	24V	24V
Action	stop	start	stop	start
L	9.6	11.2	21.4	23
M	10.4	11.7	22.8	24.2
H	11.1	12.4	24.3	25.7

Error code information

Error code	Possible Cause	Solution
E1	Low voltage to fridge	DC-increase the voltage of DC power source/check all the connection/check the voltage monitor setting
		AC-replace the defective 240V AC adaptor
E2	Condenser Fan fault	Contact after sales to arrange repair
E3	Compressor over pressure	Disconnect the fridge for 20 minutes and attempt re-start
E4	Compressor minimum speed fault	Contact after sales to arrange repair
E5	Over temperature for compressor and control unit	Disconnect the fridge for 20 minutes and attempt re-start
E6	NTC/ temperature sensor failure	Contact after sales to arrange repair

CAUTION! The voltage will be different depending on the vehicles output, if E1 is displayed, the stage of the voltage can be lowered by one stage, for example, H to M, L / M to L.

USB and Type-C (5V2.1A) can be used to charge phones and electronic products.

Troubleshooting

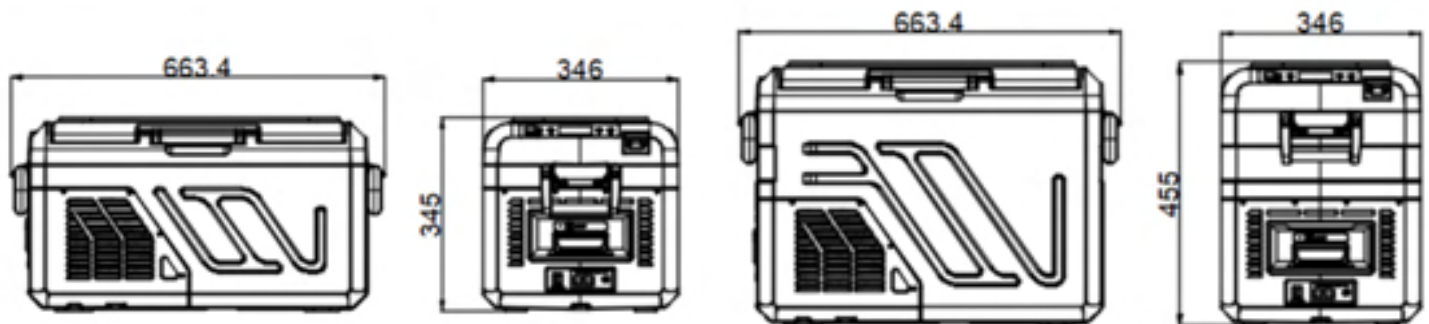
PROBLEM	POSSIBLE CAUSES & SOLUTIONS
<p>The appliance does not work.</p>	<ul style="list-style-type: none"> • Confirm if the power supply is functioning correctly. • Ensure the connectors are securely connected. • Check if the fuse has blown. • Verify if the power is switched on, indicated by the panel's illumination.
<p>Poor Operation.</p>	<ul style="list-style-type: none"> • The gasket on the cover is not closed or is damaged or deformed, resulting in an inadequate seal. • Poor external ventilation of the refrigerator, with obstructions covering the inlet or outlet, or insufficient space for heat dissipation. • Placing excessive hot food in the icebox. • Incorrect temperature settings.
<p>Recommended Temperature Settings</p>	<p>Red wine storage (10°C)</p> <p>Fruits (4°C to 6°C)</p> <p>Beverages (2°C to 5°C)</p> <p>Meat (-10°C)</p> <p>Ice cream (-15°C)</p>

Product Specifications

Model	TREK18	TREK32
Product Volume	18L	32L
Environment type	T/ST/N/SN	T/ST/N/SN
Electrical safety grade	III	III
Voltage	12V/24V	12V/24V
Power	45W	50W
Electrical current	3.8A (12V) / 1.9A (24V)	4.2A (12V) / 2.1A (24V)
Refrigerant	R1234YF	R1234YF
Dimensions LxWxH (mm)	664x346x345	664x406x455
Cooling range	+24°C to -22°C	+24°C to -22°C
Foaming agent	C5H10/C-Pentane	C5H10/C-Pentane

Product Dimensions

Dimensions: mm



Subcold TREK18

Subcold TREK32

Warranty Registration

To register your product warranty, kindly visit www.subcold.com/pages/product-registration and fill out the online form.

Environmental Friendly Disposal



To avoid any harm to the environment or human health caused by improper disposal of electrical waste, recycle the device responsibly to promote the reuse of material resources. Disposal must be done safely at public collection points provided for this purpose.

Older refrigerators may contain CFCs that destroy the ozone layer; contact your nearest waste treatment center for more details on proper disposal procedures.

For FAQs and more information, please visit:



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