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› SMETA 3.5 Cu.Ft 3-Way RV Refrigerator Freezer (Model TSG-100B1U) Instruction Manual

SMETA TSG-100B1U

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Model: TSG-100B1U | Brand: SMETA

1. INTRODUCTION

Thank you for choosing the SMETA 3.5 Cu.Ft 3-Way RV Refrigerator Freezer. This appliance is designed for versatile use in various off-grid and mobile environments, offering reliable cooling and freezing capabilities. It operates on three power sources: Liquid Propane Gas (LPG), 110V AC (standard household electricity), and 12V DC (vehicle battery). This manual provides essential information for the safe and efficient operation of your refrigerator freezer.

LPG/12v/110v

3 Ways Perfect for Camping



Image 1.1: The SMETA 3-Way RV Refrigerator Freezer is suitable for various outdoor and off-grid applications, powered by LPG, 12V, or 110V.

New Advanced System



No Noise



Energy Saving



Durable



No Frost



No Freon

Image 1.2: Key features of the SMETA refrigerator freezer include quiet operation, energy efficiency, durability, frost-free design, and a freon-free absorption system.

2. SAFETY INFORMATION

Read all instructions before using this appliance to prevent potential hazards. Keep this manual for future reference.

- **Propane Safety:** Ensure adequate ventilation when operating on LPG. Never operate the appliance on LPG in enclosed spaces without proper exhaust. Check for gas leaks regularly. The required gas inlet pressure is 2.8 Kpa (28 mbar).
- **Electrical Safety:** Connect to properly grounded outlets. Do not use extension cords with this appliance. Ensure 12V and 110V connections are secure and correct.
- **Installation:** The appliance must be installed according to local codes and manufacturer instructions. Ensure proper clearance for ventilation.
- **Handling:** This appliance is heavy. Use proper lifting techniques or assistance during installation to prevent injury.
- **Children:** Keep children away from the appliance, especially during operation and maintenance.

3. SETUP

3.1 Unpacking and Inspection

Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Report any damage to your retailer immediately.

3.2 Placement

The SMETA refrigerator freezer is designed for freestanding installation. Ensure sufficient space around the unit for proper air circulation, especially at the rear where the cooling unit is located. This is crucial for efficient operation, particularly when using LPG.

3.3 Door Reversal

The refrigerator features a reversible door, allowing it to open from either the left or right side to suit your installation needs. Refer to the detailed instructions in the full product manual for the door reversal procedure.



Image 3.1: The reversible door feature allows for flexible placement and access in various settings.

3.4 Initial Power Connection and Cooling

After placement, connect the appliance to your desired power source (12V, 110V, or LPG). Allow 4-5 hours for the refrigerator to reach its optimal operating temperature. It is recommended to run the unit empty for the first few hours to ensure proper cooling before loading with food items.

4. OPERATING INSTRUCTIONS

The control panel, located on the front of the refrigerator, allows you to select the power mode and adjust the temperature.

12V/110V/LPG Mode

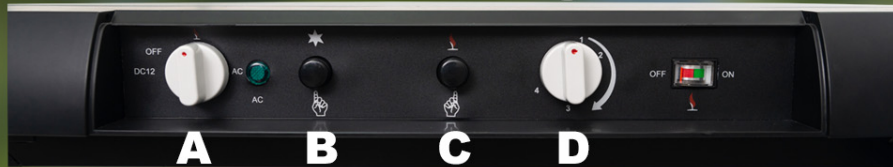


Image 4.1: The control panel provides easy access to power mode selection and temperature adjustment.

4.1 LPG Mode Usage Guide

1. **Step 1:** Connect the refrigerator to a propane gas tank using a pressure regulating valve.
2. **Step 2:** Adjust the mode selector (labeled 'A' on the control panel image) to the gas mode.
3. **Step 3:** Press button 'B' for 5-10 seconds, then press 'C'. If the flame indicator lamp reaches the green zone, release 'B' and hold 'C' for 3-5 seconds before releasing.
4. **Step 4:** Adjust the temperature knob (labeled 'D') to your desired setting.

LPG Mode Usage Guide



Step1:
Connect the refrigerator and the gas tank with the pressure regulating valve.



Step2:
Adjust A to gas mode



Step3:
Press B for 5~10s, then press C (B cannot be released). When the flame indicator lamp reaches the green zone, release B and stay for 3~5s to release C.



Step4:
Adjust the temperature

Image 4.2: Follow these steps for safe and effective operation in LPG mode.

4.2 110V AC Mode Usage Guide

1. **Step 1:** Connect the refrigerator to a standard 110V AC power supply.
2. **Step 2:** Adjust the mode selector to the 110V AC mode.
3. **Step 3:** Adjust the temperature knob to your desired setting.

4.3 12V DC Mode Usage Guide

1. **Step 1:** Connect the refrigerator to a 12V DC power supply (e.g., vehicle's 12V outlet) using the provided 12V charging cord.
2. **Step 2:** Adjust the mode selector to the 12V DC mode.
3. **Step 3:** Adjust the temperature knob to your desired setting.

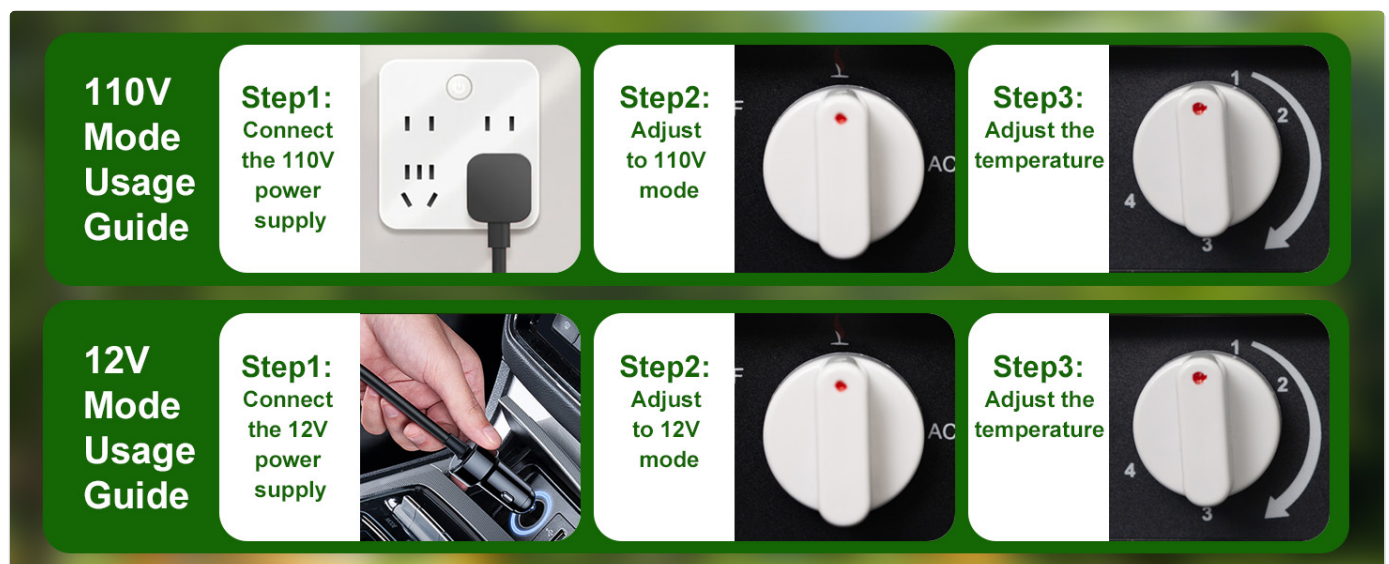


Image 4.3: Instructions for connecting and operating the refrigerator using 110V AC and 12V DC power sources.

4.4 Internal Organization

The refrigerator features slide-out removable shelves for convenient organization and a crisper drawer to keep food fresh. The door also includes storage compartments for bottles and smaller items.

5. MAINTENANCE

5.1 Cleaning

Regular cleaning helps maintain the efficiency and hygiene of your refrigerator. Disconnect power before cleaning.

- **Interior:** Clean with a mild detergent and warm water. Rinse thoroughly and dry with a soft cloth. Avoid abrasive cleaners.
- **Exterior:** Wipe with a damp cloth and mild soap. Dry thoroughly.
- **Door Gasket:** Clean the door gasket regularly to ensure a tight seal.

5.2 Defrosting

This appliance features a frost-free defrost system, minimizing manual defrosting. However, if ice buildup occurs in the freezer compartment, manually defrost the unit by turning it off and allowing the ice to melt. Remove food items before defrosting.

5.3 Gas System Checks

If operating on LPG, periodically check the gas connections for leaks using a soapy water solution. Bubbles indicate a leak. Ensure the ventilation system for the gas operation is clear and unobstructed.

6. TROUBLESHOOTING

Before contacting customer support, review the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator not cooling	No power (AC/DC), no gas supply (LPG), incorrect mode selection, poor ventilation, door not sealed.	Check power connections and supply. Ensure gas tank is open and not empty. Verify correct mode is selected. Ensure adequate clearance for ventilation. Check door gasket for proper seal.
Pilot light (LPG) not igniting or staying lit	Insufficient gas pressure, air in gas line, faulty igniter, draft.	Ensure gas tank is full and valve is open. Bleed air from gas line by attempting ignition multiple times. Consult a qualified technician if igniter is suspected faulty. Protect from strong drafts.
Door does not stay closed	Unit not level, door gasket damaged or dirty, latch mechanism faulty.	Ensure the refrigerator is level. Clean or replace the door gasket. Inspect the latch mechanism for damage. Consider adding an external latch for travel.
Unusual odors	Food spoilage, dirty interior.	Remove and discard spoiled food. Clean the interior thoroughly.

7. SPECIFICATIONS

Key technical specifications for the SMETA 3.5 Cu.Ft 3-Way RV Refrigerator Freezer (Model TSG-100B1U):



Image 7.1: Internal capacity and dimensions of the 3.5 Cu.Ft refrigerator freezer.

Model Number: TSG-100B1U

Capacity: 3.5 Cubic Feet Total (3.0 Cu.Ft Fresh Food, 0.5 Cu.Ft Freezer)

Power Sources: 12V DC, 110V AC, LPG (Propane)

Cooling Method: Absorption

Defrost System: Frost Free

Temperature Range (Fridge): 0~10 °C (32~50 °F)

Temperature Range (Freezer): -18~0 °C (-0.4~32 °F)

Gas Consumption: Approximately 0.9 lb per day

Noise Level: No noise (absorption system)

Door: Reversible

Shelves: Adjustable, Wire

Installation Type: Freestanding

Item Weight: 28 Kilograms

Parcel Dimensions: 90 x 61 x 56.5 cm

Annual Energy Consumption: 657 Kilowatt Hours Per Year

Special Features: 3 Way Powered, Adjustable Shelves, Frost Free, No Noise

8. WARRANTY

This SMETA refrigerator freezer comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects under normal use. It does not cover damage resulting from improper installation, misuse, accidents, or unauthorized repairs.

9. SUPPORT

For technical assistance, warranty claims, or any questions not covered in this manual, please contact SMETA customer support. Refer to your purchase documentation or the SMETA official website for current contact information. When contacting support, please have your model number (TSG-100B1U) and purchase date readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question