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› SMETA 3.5 Cu.Ft 3-Way Propane Refrigerator (Model T-DSG-100B-US) Instruction Manual

SMETA T-DSG-100B-US

SMETA 3.5 Cu.Ft 3-Way Propane Refrigerator

MODEL: T-DSG-100B-US INSTRUCTION MANUAL

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Introduction

Thank you for choosing the SMETA 3.5 Cu.Ft 3-Way Propane Refrigerator. This compact absorption refrigerator is designed for versatile use, offering three power options: LPG (Propane), 110V AC, and 12V DC. It is ideal for off-grid applications such as RVs, campers, cabins, semi-trucks, and outdoor travel, providing reliable food storage with a 0.5 cu.ft freezer and a 3.0 cu.ft refrigerator compartment. Its user-friendly design includes adjustable shelves, a crisper drawer, and a reversible door for convenience.

New Advanced System



No Noise



Energy Saving



Durable



No Frost



No Freon

The SMETA 3-Way Propane Refrigerator features an advanced absorption system for quiet, energy-efficient, and frost-free operation without Freon.

Important Safety Information

Please read all instructions carefully before operating the appliance to prevent injury or damage. Keep this manual for future reference.

- **Ventilation:** Ensure adequate ventilation when operating on LPG. Never operate the appliance in an unventilated area.
- **Flammable Materials:** Keep flammable materials, gasoline, and other combustible vapors and liquids away from the refrigerator.
- **Gas Leaks:** If you smell gas, immediately shut off the gas supply, ventilate the area, and do not operate any electrical switches or appliances. Contact qualified service personnel.
- **Electrical Safety:** Ensure the electrical supply (110V AC or 12V DC) matches the appliance requirements. Do not use damaged power cords or plugs.

- **Installation:** Installation must be performed by a qualified technician in accordance with local codes and regulations.
- **Children:** This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Setup and Installation

Proper installation is crucial for the safe and efficient operation of your SMETA refrigerator.

1. Unpacking

- Carefully remove all packaging materials.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to your dealer.
- Allow the refrigerator to stand upright for at least 6 hours before connecting to any power source to allow the cooling fluid to settle.

2. Placement

- Place the refrigerator on a firm, level surface to ensure proper operation and prevent vibrations.
- Ensure there is adequate air circulation around the unit. Maintain at least 3 inches of clearance on the sides and back for optimal cooling performance.
- Avoid direct sunlight or heat sources.



Maintain at least 3 inches of clearance around the refrigerator for proper air circulation.

3. Connecting Power Sources

This refrigerator supports three power modes: LPG, 110V AC, and 12V DC.

- **LPG (Propane):** Connect the refrigerator to a propane gas tank using a pressure regulating valve. Ensure all connections are secure and leak-free.
- **110V AC:** Plug the refrigerator into a standard 110V AC outlet.
- **12V DC:** Connect the refrigerator to a 12V DC power source, such as a vehicle's cigarette lighter socket or a dedicated 12V power supply.



The SMETA 3-Way Refrigerator offers flexible power options for various environments.

4. Reversible Door

The door is reversible to accommodate different installation needs. Refer to the detailed instructions in the full manual for changing the door's orientation.

Video demonstrating the SMETA propane refrigerator's features, including its suitability for outdoor and RV use.

Operating Instructions

The control panel on the front of the refrigerator allows for easy selection of power mode and temperature adjustment.

LPG/12v/110v

3 Ways Perfect for Camping



Fruit



Beverage



Ice cream



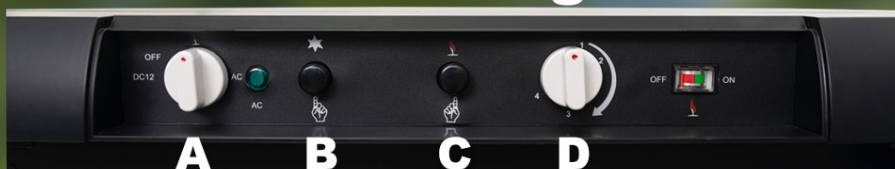
Bread

The control panel for selecting power mode and adjusting temperature.

1. LPG Mode Usage Guide

1. **Step 1:** Connect the refrigerator to the gas tank with the pressure regulating valve.
2. **Step 2:** Adjust knob 'A' (Power Mode Selector) to the gas mode.
3. **Step 3:** Press knob 'B' (Ignition Button) for 5-10 seconds, then press knob 'C' (Gas Flow Control). Knob 'B' cannot be released. When the flame indicator lamp reaches the green zone, release 'B' and stay for 3-5 seconds to release 'C'.
4. **Step 4:** Adjust knob 'D' (Temperature Control) to your desired temperature setting.

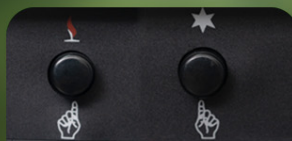
LPG Mode Usage Guide



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

Visual guide for operating the refrigerator in LPG mode.

2. 110V AC Mode Usage Guide

1. **Step 1:** Connect the 110V power supply to the refrigerator.
2. **Step 2:** Adjust the Power Mode Selector knob to AC mode.
3. **Step 3:** Adjust the Temperature Control knob to your desired temperature.

3. 12V DC Mode Usage Guide

1. **Step 1:** Connect the 12V power supply to the refrigerator.
2. **Step 2:** Adjust the Power Mode Selector knob to DC mode.
3. **Step 3:** Adjust the Temperature Control knob to your desired temperature.

110V Mode Usage Guide

Step1:
Connect the 110V power supply



Step2:
Adjust to AC mode



Step3:
Adjust the temperature

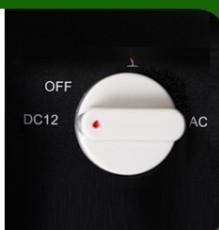


12V Mode Usage Guide

Step1:
Connect the 12V power supply



Step2:
Adjust to DC mode



Step3:
Adjust the temperature



Visual guide for operating the refrigerator in 110V AC and 12V DC modes.

Video demonstrating the SMETA 3-Way Fridge Propane Refrigerator for off-grid use.

Video showcasing the Propane Refrigerator B2U-A, highlighting its features and operation.

Maintenance

Regular maintenance ensures the longevity and optimal performance of your refrigerator.

1. Cleaning

- Always unplug the refrigerator or turn off the gas supply before cleaning.
- Clean the interior and exterior surfaces with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- Wipe down door seals regularly to ensure a tight seal.
- Clean the condenser coils (located at the back) periodically with a soft brush or vacuum cleaner to remove dust and debris, which can improve efficiency.

2. Defrosting

This unit features a frost-free system. However, if ice buildup occurs in the freezer compartment, manually defrost the unit:

- Turn off the refrigerator and remove all food items.
- Leave the freezer door open to allow ice to melt naturally. Place towels to absorb water.
- Do not use sharp objects to remove ice, as this can damage the cooling system.
- Once defrosted, clean and dry the interior before restarting the unit.

3. Long-Term Storage

- If storing the refrigerator for an extended period, ensure it is clean, dry, and the door is slightly ajar to prevent odors and mold growth.
- Disconnect all power sources (LPG, AC, DC).

Troubleshooting

Before contacting customer support, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator does not cool	No power supply (AC/DC) or no gas supply (LPG). Temperature setting is too high. Poor ventilation around the unit. Door not closed properly.	Check power connections or gas tank. Adjust temperature to a lower setting. Ensure adequate clearance (min. 3 inches) for air circulation. Check door seal and ensure it is fully closed.
LPG flame does not ignite	No gas supply or low gas pressure. Ignition sequence not followed correctly. Air in gas line.	Check gas tank and regulator. Ensure sufficient gas. Follow the LPG ignition steps precisely (refer to Operating Instructions). Purge air from the gas line by attempting ignition several times.
Excessive ice buildup in freezer	Door left open too long or not sealed properly. High humidity environment.	Ensure door is closed tightly. Check and clean door gasket. This is normal in high humidity; regular defrosting may be required.
Unusual odors inside	Food items not properly sealed. Interior needs cleaning.	Store food in airtight containers. Clean the interior thoroughly with a mild solution.

Product Specifications

Detailed specifications for the SMETA 3.5 Cu.Ft 3-Way Propane Refrigerator (Model T-DSG-100B-US).

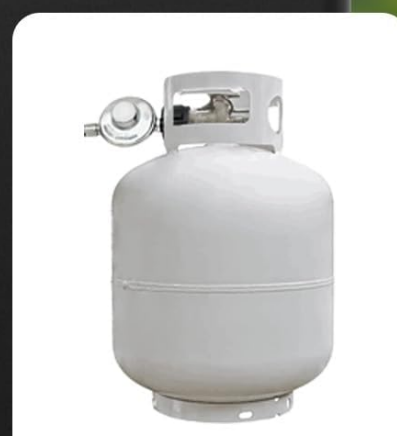
12V/110V/LPG Mode



12V



110V



LPG

Internal capacity breakdown: 0.5 cu.ft freezer, 3.0 cu.ft refrigerator, and door space.

Feature	Detail
Model Name	Fridge100B
Model Number	T-DSG-100B-US
Product Dimensions (D x W x H)	24"D x 21"W x 33"H
Capacity	3.51 cubic feet (Total)
Freezer Capacity	0.5 Cubic Feet
Refrigerator Net Capacity	3.01 Cubic Feet
Power Source	Gas Powered (LPG) with Electric option (110V AC / 12V DC)

Feature	Detail
Voltage	12 Volts (DC)
Cooling Method	Absorption
Defrost System	Frost Free
Number of Doors	1
Door Orientation	Reversible
Special Features	Adjustable Shelves, Anti-Shake, Low Noise
Shelf Type	Plastic
Finish Type	Matte
Door Material Type	Stainless Steel

Warranty and Support

Warranty Information

This SMETA refrigerator comes with a **1-year limited warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accident, alteration, neglect, improper installation, or unauthorized repair.

Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact SMETA customer support. Refer to the contact information provided with your product packaging or visit the official SMETA website for the most up-to-date support details.

When contacting support, please have your model number (T-DSG-100B-US) 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