

SMETA T-DSX40B2U

SMETA 40L 12V 220V Absorption Refrigerator Instruction Manual

Model: T-DSX40B2U

INTRODUCTION

Thank you for choosing the SMETA 40L 12V 220V Absorption Refrigerator. This manual provides essential information for the safe and efficient operation of your appliance. Please read these instructions carefully before use and keep them for future reference.

This absorption refrigerator is designed for versatile use, offering silent operation and dual power options (12V DC and 220V-240V AC), making it ideal for camping, caravans, offices, and other environments where quiet and flexible cooling is desired.

SAFETY INFORMATION

To ensure safe operation and prevent damage, please observe the following safety precautions:

- Ensure the refrigerator is placed on a stable, level surface to allow proper circulation of the cooling agent.
- Do not block ventilation openings. Maintain adequate space around the unit for heat dissipation.
- Connect the appliance only to appropriate power sources (12V DC or 220V-240V AC) as indicated on the rating label.
- Do not operate the refrigerator if the power cord is damaged. Contact qualified service personnel for repairs.
- Keep flammable materials away from the appliance.
- This appliance uses natural refrigerants (ammonia) which are environmentally friendly but require careful handling. Do not attempt to repair the cooling system yourself.
- Unplug the refrigerator before cleaning or performing any maintenance.
- The refrigerator 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.

PRODUCT OVERVIEW

The SMETA 40L Absorption Refrigerator is designed for convenience and efficiency. Key features include:

- **40L Capacity:** Ample space for food and beverages.
- **Dual Power Supply:** Operates on 12V DC or 220V-240V AC.
- **Silent Operation:** Absorption cooling system ensures quiet performance without a compressor.
- **Reversible Door:** Allows the door to open from either the left or right side for flexible placement.
- **Integrated Lock:** Keeps contents secure during transport or in shared spaces.
- **Adjustable Thermostat:** For precise temperature control (0°C to 10°C).
- **Removable Shelves:** For organized storage and easy cleaning.
- **Adjustable Feet:** To ensure stability on uneven surfaces.



Mini frigo à absorption

Offrez-vous un environnement de travail et de repos extrêmement silencieux.

Figure 1: The SMETA 40L Refrigerator demonstrating its dual power capabilities (DC 12V for vehicles and AC 220V-240V for home/office use).



Figure 2: The reversible door feature, allowing the door to be configured to open from either the left or right side.



Figure 3: Key features including the 5-level temperature control, integrated lock, and indicators for long lifespan and silent operation (0 dB).

SETUP

1. **Unpacking:** Carefully remove the refrigerator from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the refrigerator on a firm, level surface. Ensure there is adequate ventilation space (at least 10 cm) around the back and sides for efficient cooling. Avoid direct sunlight or heat sources.
3. **Leveling:** Use the adjustable feet at the bottom of the unit to ensure it is perfectly level. This is crucial for the proper functioning of an absorption refrigerator.
4. **Door Reversal (Optional):** If you wish to change the door opening direction, refer to the detailed instructions in the separate door reversal guide (not included in this general manual, but typically provided with the product). This involves unscrewing hinges and reattaching them on the opposite side.
5. **Initial Power-Up:** After placement, wait at least 2-4 hours before plugging in the unit. This allows the refrigerant to settle.



Figure 4: Adjustable feet for leveling the refrigerator on various surfaces.

OPERATING INSTRUCTIONS

Power Connection

- **AC Power (220V-240V):** Plug the AC power cord into a standard wall outlet (Type C/EF – 2-pin European/hybrid FR-DE plug).
- **DC Power (12V):** For vehicle use, connect the DC power cord to a 12V cigarette lighter socket or a dedicated 12V power supply.
- The refrigerator will automatically detect the power source.

Temperature Control

- Locate the thermostat dial inside the refrigerator compartment.

- Turn the dial to your desired setting. Settings range from 'OFF' to '5', with '5' being the coldest.
- The recommended operating temperature range is 0°C to 10°C. Allow several hours for the refrigerator to reach the set temperature.



Figure 5: The adjustable temperature control dial for setting the desired cooling level.

Using the Door Lock

- The refrigerator is equipped with an integrated door lock to prevent accidental opening, especially during transport.
- Insert the key into the lock and turn to secure or unlock the door.



Figure 6: The integrated door lock mechanism for securing contents.

MAINTENANCE

Cleaning

- Always unplug the refrigerator before cleaning.
- Clean the interior and exterior with a soft cloth and mild detergent. Avoid abrasive cleaners or solvents.
- The removable shelves can be washed with warm soapy water. Ensure they are completely dry before placing them back.
- Regularly clean the rear ventilation grille to ensure proper airflow and cooling efficiency. Use a soft brush or vacuum cleaner to remove dust.

Defrosting

- This refrigerator features a frost-free system, minimizing the need for manual defrosting.
- If ice buildup occurs, unplug the unit and allow the ice to melt naturally. Do not use sharp objects to remove ice.
- Wipe away melted water with a clean cloth.

TROUBLESHOOTING

Before contacting customer service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Refrigerator not cooling	No power supply.	Check power connection and outlet.
	Thermostat set too high (warm).	Adjust thermostat to a colder setting.
	Poor ventilation.	Ensure adequate space around the unit for airflow.
	Unit not level.	Level the refrigerator using adjustable feet.
	Ambient temperature too high.	Move the unit to a cooler location if possible.
Excessive noise	Unit not level.	Level the refrigerator.
	Objects touching the back or sides.	Ensure nothing is obstructing the unit.
Door not closing properly	Door gasket dirty or damaged.	Clean or replace door gasket.
	Shelves or items obstructing closure.	Rearrange contents.

If the problem persists after trying these solutions, please contact SMETA customer support.

SPECIFICATIONS

Feature	Specification
Model Number	T-DSX40B2U
Capacity	40 Liters
Dimensions (L x W x H)	46.48 x 45.47 x 63.5 cm (18.3 x 17.9 x 25 inches)
Weight	19.96 kg (44 lbs)
Power Source	12V DC / 220V-240V AC
Cooling Method	Absorption
Temperature Range	0°C to 10°C (Adjustable)
Defrost System	Frost-free
Door Position	Reversible
Plug Type	Type C/EF – 2-pin (European/hybrid FR-DE)
Number of Shelves	2
Special Features	Silent operation, Integrated lock, Adjustable shelves, Adjustable feet
Certifications	CE

WARRANTY AND SUPPORT

SMETA products are manufactured to high-quality standards. For warranty information, technical support, or service inquiries, please refer to the warranty card included with your purchase or visit the official SMETA website. Please have

your model number (T-DSX40B2U) and purchase date ready when contacting support.
For further assistance, you may contact your retailer or the SMETA customer service department.

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

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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