

SMETA TSX-50B2U-US

SMETA 1.7 Cu.Ft 12V/110V RV Absorption Refrigerator Instruction Manual

Model: TSX-50B2U-US

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using your SMETA RV Refrigerator. Retain this manual for future reference.

- Ensure the refrigerator is placed on a stable, level surface to prevent operational issues and ensure proper cooling.
- Do not block ventilation openings in the appliance enclosure or in the built-in structure.
- Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.
- Do not damage the refrigerant circuit.
- Do not use electrical appliances inside the food storage compartments of the appliance, unless they are of the type recommended by the manufacturer.
- 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.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

2. PRODUCT OVERVIEW

The SMETA 1.7 Cu.Ft RV Absorption Refrigerator is designed for versatile use in RVs, semi-trucks, campers, vans, and other mobile or compact living spaces. It features a quiet absorption cooling system and dual power options (12V DC / 110V AC).



Image 1: Front view of the SMETA 1.7 Cu.Ft RV Refrigerator, showing its compact design and dimensions (15.8 inches width, 17.7 inches depth, 26.3 inches height).

Key Features:

- **Dual Power:** Operates on 12V DC or 110V AC.
- **Quiet Absorption System:** No moving parts for silent operation (0 dB).
- **Compact Design:** 1.7 Cu.Ft capacity, suitable for various small spaces.
- **Reversible Door:** Door hinge can be adjusted to open from the left or right.
- **Adjustable Shelves:** Customizable interior storage.
- **Door Bins:** Additional storage on the door.
- **Lock and Key:** Secures contents, ideal for travel.

- **Automatic Defrost:** Simplifies maintenance.
- **LED Lighting:** Interior illumination for visibility.

PRODUCT DETAILS



Image 2: Close-up view of product details, highlighting the lock with two keys, thermostat and light, adjustable shelf, adjustable foot, 12V cable, and door bin.



Image 3: Visual representation of the dual power capability (12V/110V) and the absorption cooling system, emphasizing its compressor-free design.

3. SETUP AND INSTALLATION

Unpacking:

- Carefully remove all packaging materials.
- Inspect the refrigerator for any shipping damage. Report any damage immediately to the retailer.
- Allow the appliance to stand upright for at least 24 hours before connecting to power to allow refrigerants to settle.

Placement:

- The refrigerator can be installed under a counter, on a countertop, or freestanding.
- Ensure adequate ventilation around the unit. Do not block the rear ventilation grilles.
- Place the refrigerator on a firm, level surface. Use the adjustable feet to stabilize the unit if necessary.
- Avoid direct sunlight or heat sources.

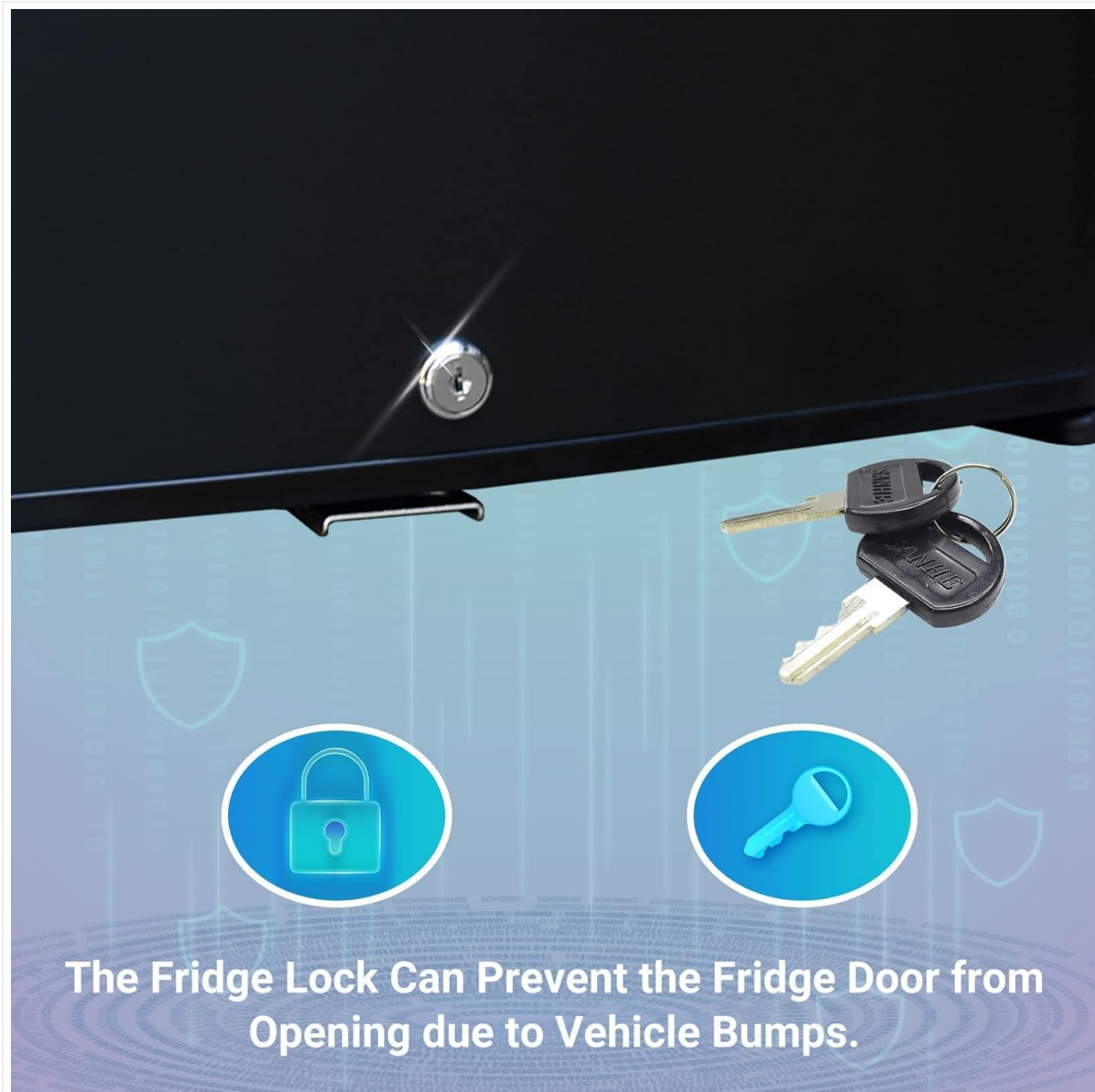


Image 4: The SMETA RV Refrigerator shown in different application environments, including camping, caravan, yacht, and home settings, demonstrating its versatility.

Reversible Door Installation:

The door hinge can be reversed to open from either the left or right side, depending on your installation needs. Refer to the detailed diagram below for instructions on how to reverse the door.

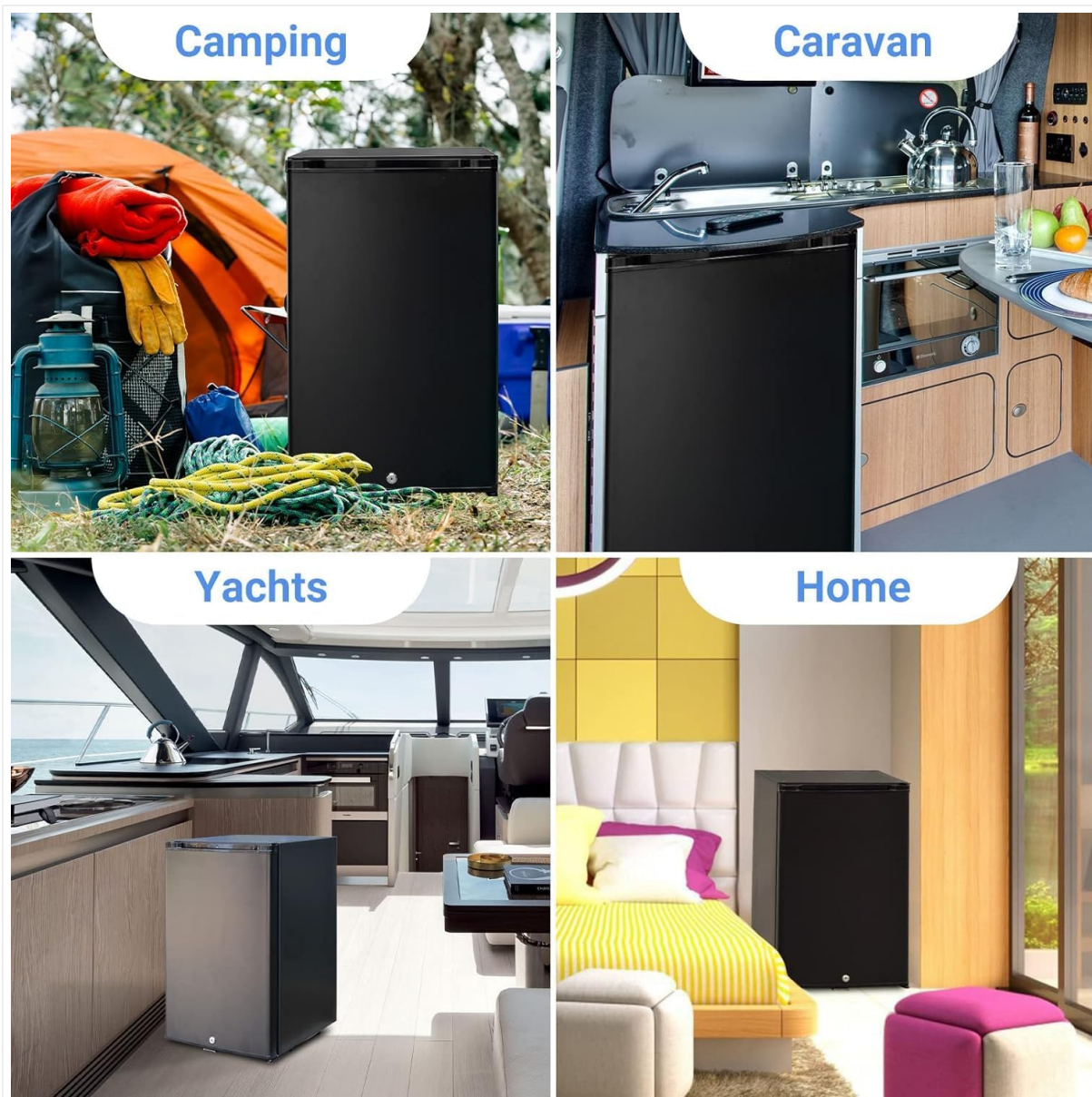


Image 5: Visual guide demonstrating the process of reversing the refrigerator door to suit different space configurations.

Electrical Connection:

- Connect the refrigerator to a suitable 12V DC or 110V AC power source.
- Ensure the power source matches the voltage requirements of the appliance.
- The refrigerator comes with a power cord for connection.

4. OPERATING INSTRUCTIONS

Temperature Control:

The refrigerator features an adjustable thermostat to set your desired cooling temperature. The recommended temperature range is 37.4-53.6°F (3-12°C).



Image 6: Close-up of the adjustable temperature control dial, allowing users to set the desired cooling level.

Loading the Refrigerator:

- Arrange items to allow for proper air circulation.
- Utilize adjustable shelves and door bins for efficient storage.
- The lock and key feature can be used to secure the door during travel, preventing accidental opening.



Image 7: Interior view of the refrigerator showcasing its storage capacity with various items like drinks, fruits, and snacks.

Quiet Operation:

The absorption cooling system ensures extremely quiet operation (0 dB), making it suitable for bedrooms, RVs, and other noise-sensitive environments.



Image 8: An infographic highlighting the refrigerator's silent operation (0 dB), comparing it to common ambient noise levels.

5. MAINTENANCE

Cleaning:

- Always unplug the appliance before cleaning.
- Clean the interior and exterior surfaces with a soft cloth and mild detergent.
- Do not use abrasive cleaners or sharp objects.
- Ensure all surfaces are dry before plugging the appliance back in.

Automatic Defrost:

This refrigerator features an automatic defrost system, eliminating the need for manual defrosting. Any accumulated frost will melt and evaporate automatically.



Image 9: Diagram showing the automatic defrost process, ensuring hassle-free maintenance.

Long-Term Storage:

- If the appliance will not be used for an extended period, unplug it, clean it thoroughly, and leave the door slightly ajar to prevent odors and mold growth.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Refrigerator does not cool.	No power, thermostat set too high, poor ventilation, or unit not level.	Check power connection. Adjust thermostat to a lower setting. Ensure adequate airflow around the unit. Verify the unit is level.
Excessive noise.	Unit not level, items inside rattling.	Adjust leveling feet. Rearrange items inside to prevent contact.
Door does not close properly.	Door gasket dirty/damaged, items blocking door, unit not level.	Clean or replace door gasket. Rearrange items. Adjust leveling feet.
Water on the floor.	Drain pan overflowing (rare with auto-defrost), or external condensation.	Check drain pan for blockages. Wipe up external condensation.

7. SPECIFICATIONS

Brand:	SMETA
Model Name:	Truck Fridge 50
Model Number:	TSX-50B2U-US
Capacity:	1.7 Cubic Feet (1.6 Cubic Feet Net Refrigerator Capacity)
Product Dimensions (D x W x H):	17.7"D x 15.8"W x 26.3"H
Item Weight:	45 Pounds
Voltage:	12 Volts (DC) / 110 Volts (AC)
Cooling Method:	Absorption
Defrost System:	Automatic
Door Orientation:	Reversible

Annual Energy Consumption:	350 Kilowatt Hours Per Year
UPC:	688945119058

8. OFFICIAL PRODUCT VIDEOS

SMETA 12V Refrigerator for RV



Video 1: This video provides an overview of the SMETA compact refrigerator, highlighting its temperature range, versatile applications in various settings like dorms, RVs, and offices, and features such as the reversible door and quiet operation. It also showcases different sizes available.

SMETA 12V Refrigerator for Truck



Video 2: This video demonstrates the SMETA 12V refrigerator's features, including its reversible door, interior LED light, adjustable shelves, and dual power capability (110V AC for home pre-cooling and 12V DC for continuous use on the road). It emphasizes its silent and stable operation for long journeys.

SMETA RV Fridge 12/24V



Video 3: This video showcases the SMETA RV fridge, highlighting its compact size, adjustable interior, and ability to keep various items like drinks, fruits, and snacks cool. It demonstrates the ease of adjusting shelves and the overall capacity for a mini-fridge.

12V Truck Fridge DC Refrigerator



Video 4: This video focuses on the installation and features of the 12V truck fridge, including its compact dimensions, 12V hardwire connection, and reversible door. It demonstrates the interior layout with an icebox area and crisper drawer, emphasizing its suitability for mobile use.

9. WARRANTY AND SUPPORT

The SMETA 1.7 Cu.Ft RV Absorption Refrigerator comes with a **1-year warranty** from the manufacturer, Simate.

For customer support, please contact SMETA Electric Appliances Co.,Ltd. You can find their contact information on the Amazon product page or through their official store.

SMETA is dedicated to customer satisfaction and offers a 30-day easy return policy.