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› Smad Absorption Mini Fridge 1.1 cu.ft - 12V/110V Compact Refrigerator User Manual

Smad DW30CAE

Smad Absorption Mini Fridge 1.1 cu.ft

USER MANUAL FOR MODEL DW30CAE

Introduction

Thank you for choosing the Smad Absorption Mini Fridge. This compact refrigerator is designed for versatile use, offering both 12V DC and 110V AC power options, making it suitable for home, dorm rooms, RVs, and trucks. Its absorption cooling system ensures quiet operation, and features like a reversible door and adjustable shelving enhance convenience. Please read this manual thoroughly before installation and use to ensure proper operation and maintenance.

Safety Information

- Ensure the refrigerator is placed on a stable, level surface to prevent tipping.
- Allow adequate ventilation around the unit. Do not block air vents.
- Do not plug the unit into both 110V AC and 12V DC power sources simultaneously.
- Keep electrical cords away from heat sources and sharp edges.
- Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- Unplug the appliance before cleaning or performing any maintenance.

Product Overview

The Smad Absorption Mini Fridge (Model DW30CAE) is a 1.1 cubic foot compact refrigerator featuring a silent absorption cooling system. It operates on both 12V DC and 110V AC power, providing flexibility for various environments. Key features include a reversible door, adjustable thermostat, removable shelf, and an integrated lock for security.



Image: Smad 1.1 cu.ft Absorption Mini Fridge with its door open, revealing the interior layout with a removable shelf and door racks, currently storing fruits, canned goods, and beverages.

Package Contents

Upon unpacking, please ensure all items are present:

- Smad Absorption Mini Fridge (Model DW30CAE)
- 110V AC Power Cord
- 12V DC Car Adapter Cord
- Keys for Door Lock
- User Manual

Setup and Installation

1. Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any shipping damage. Keep packaging materials for future transport or return if necessary.

2. Placement

Place the refrigerator on a firm, level surface. Ensure there is sufficient space around the unit for proper ventilation (at least 4 inches on sides and back, 8 inches on top). This is crucial for the efficient operation of the absorption cooling system.

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Absorption Mini Fridge

Smad Appliances
Models: DW30CE-LOCK
Capacity: 1.1 Cubic Feet



Compare ONLY to other labels with yellow numbers.
Labels with yellow numbers are based on the same test procedures.

Estimated Yearly Energy Cost

\$30

Cost Ranges

Models with
similar features

\$29 \$35

All models

\$10

\$45

255 kWh

Estimated Yearly Electricity Use

- Your cost will depend on your utility rates and use.
- Both cost ranges based on models of similar size capacity.
- Models with similar features have automatic defrost, bottom-mounted freezer, and no through-the-door ice.
- Estimated energy cost based on a national average electricity cost of 12 cents per kWh.

ftc.gov/energy

239D5207P030

Image: A diagram illustrating the external dimensions of the Smad mini fridge, showing its height, width, and depth.

3. Power Connection

The Smad mini fridge supports two power inputs:

- **110V AC:** For household use, plug the AC power cord into a standard wall outlet.
- **12V DC:** For vehicle or portable use, connect the DC car adapter to a 12V power socket (e.g., cigarette lighter in a car or RV).

Important: Do not connect both AC and DC power simultaneously.

2 Power Supply

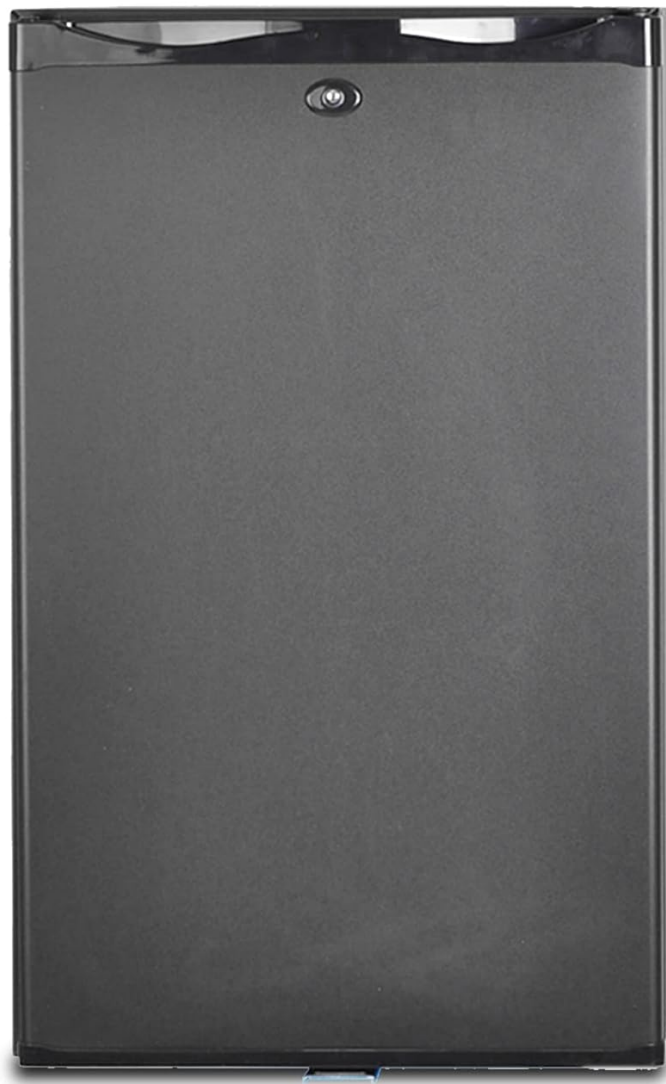


Image: A visual representation of the two power supply options for the Smad mini fridge: a standard 110V AC plug and a 12V DC car adapter.

4. Door Reversal

The door hinge is reversible, allowing you to change the door's opening direction from right to left, or vice versa, to best suit your space. Refer to the detailed instructions in the included manual for the reversal procedure.

Reversible Door Hinge

Left opening



Right opening



Image: A diagram showing the mini fridge with its door opening to the left and then to the right, demonstrating the reversible door hinge feature.

5. Adjustable Feet

The refrigerator is equipped with adjustable feet to help level the unit on uneven surfaces. Rotate the feet clockwise or counter-clockwise to adjust the height until the fridge is stable and level.

Operating Instructions

1. Temperature Control

The refrigerator features a thermostat controller to adjust the internal temperature. Locate the thermostat dial inside the unit and turn it to your desired setting. Higher numbers typically indicate colder temperatures. Allow several hours for the temperature to stabilize after adjustment.

37.4-53.6°F (3-12 °C)

1.0 cu.ft.

No Noise

Keep your food fresh and healthy



Image: A diagram pointing out various features of the mini fridge, including the thermostat dial for temperature adjustment and the internal light.

2. Internal Storage

The refrigerator includes a removable shelf and door racks for organized storage. The shelf can be adjusted or removed to accommodate taller items. The door racks are ideal for beverages and smaller items.

3. Lock Function

For added security, especially during travel or in shared spaces, the mini fridge is equipped with a lock. Use the provided keys to lock and unlock the door.



Image: A close-up view of the integrated lock on the lower part of the mini fridge door.

Maintenance

1. Cleaning

Regularly clean the interior and exterior of the refrigerator with a mild detergent and warm water. Avoid abrasive cleaners or solvents. Ensure the unit is unplugged before cleaning.

2. Defrosting

This absorption mini fridge features an automatic defrost system, minimizing the need for manual defrosting. If ice buildup occurs, unplug the unit and allow it to defrost naturally, then wipe away any excess water.

Troubleshooting

- **Refrigerator not cooling:** Check power connection, ensure thermostat is set correctly, and verify adequate ventilation.
- **Unusual noise:** Ensure the unit is level and not touching any walls or furniture. The absorption system is designed for quiet operation (0 dB).
- **Door not closing properly:** Check for obstructions, ensure the unit is level, and inspect door gasket for damage.

Specifications

Feature	Specification
Brand	Smad
Model Info	DW30CAE
Item Weight	29.7 pounds (13.5 Kilograms)
Product Dimensions	17.31 x 15.75 x 19.7 inches (15.75"D x 17.31"W x 19.7"H)
Efficiency	High Efficiency
Capacity	1 Cubic Feet
Annual Energy Consumption	255 Kilowatt Hours
Noise Level	0.01 Decibels (Ultra Quiet)
Installation Type	Freestanding
Form Factor	Stand Alone
Special Features	12V, 2 way, Absorption Refrigerator, Adjustable foot, For home, dorm room, RV, truck, Indoor & Outdoor, Portable, Quiet, Removable Shelves, Temperature Controller, With lock
Color	Black
Voltage	12 Volts
Wattage	65 watts
Defrost System	Automatic
Door Hinges	Right (Reversible)
Door Material Type	Plastic
Shelf Type	Plastic
Number of Shelves	2
Certification	CE, ETL

Outdoor and Indoor

For Home 110V

For car 12V



Image: The official Energy Guide label for the Smad Absorption Mini Fridge, Model DW30CE-LOCK, indicating an estimated yearly energy cost of \$30 and 255 kWh annual energy consumption.

Product Videos

Smad Mini Fridge with Lock

Your browser does not support the video tag.

Video: A short demonstration of the compact refrigerator's lock feature, showing how to secure the door.

Smad Mini Fridge: No Noise, Lock, Adjustable Shelf, Thermostat

Your browser does not support the video tag.

Video: This video highlights the quiet operation, integrated lock, adjustable shelf, and thermostat control of the Smad mini fridge.

Mini Fridge & Compact Refrigerator, 2 Ways 12V/110V

Your browser does not support the video tag.

Video: A demonstration of the mini fridge's dual power capability, showing its use with both 12V and 110V power sources, suitable for various environments.

Mini Fridge with Lock and Key

Your browser does not support the video tag.

Video: This video showcases the mini fridge's integrated lock and key system, emphasizing its security features.

Warranty and Support

The Smad Absorption Mini Fridge comes with a standard manufacturer's warranty. For specific warranty details, claims, or technical support, please refer to the warranty card included in your package or contact Smad customer service directly. Contact information can typically be found on the manufacturer's website or on the product packaging.