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 - › SMETA Propane Refrigerator with Freezer 13.4 cuft Gas Fridge 110v/LPG Dual Ways Top Freezer Top Mount Full Size for Kitchen Garage RV Off-Grid User Manual

SMETA SXCD-388

SMETA Propane Refrigerator with Freezer

Model: SXCD-388

13.4 cu.ft Gas Fridge 110v/LPG Dual Ways Top Freezer Top Mount Full Size

1. PRODUCT OVERVIEW

The SMETA SXCD-388 is a 13.4 cubic feet absorption refrigerator designed for versatile use, offering both 110V electric and LPG (propane) operation. This dual-power capability makes it ideal for various settings, including off-grid homes, RVs, cabins, and garages where consistent power supply might be a concern. Its absorption refrigeration method ensures quiet operation with no vibrations, as it does not utilize a compressor or Freon.



Image: The SMETA SXCD-388 refrigerator with both freezer and fresh food compartments open, showcasing its internal layout and storage capacity. The freezer is located at the top, and the main refrigerator compartment below, equipped with shelves and door bins.

2 Way Off-grid Refrigerator



110V



Propane/Gas

Image: A visual representation of the refrigerator's dimensions (69.3 inches height, 30.6 inches depth, 27.1 inches width) and its two power sources: a standard 110V electrical plug and a propane gas tank, highlighting its versatility.

Key Features:

- **Dual Power Operation:** Functions on both 110V AC electricity and LPG (propane gas).
- **Spacious Capacity:** Total 13.4 cu.ft, with 10.1 cu.ft for the refrigerator and 3.3 cu.ft for the freezer.
- **Quiet Operation:** Absorption cooling system ensures no noise or vibrations.
- **Adjustable Interior:** Features 4 adjustable/removable shelves in the refrigerator, 1 vegetable crisper, and door shelving. The freezer includes 1 adjustable/removable shelf and a door gallon bin.
- **User-Friendly Controls:** Simple control panel with igniter, safety valve, and thermostat.
- **Reversible Door:** Allows for flexible placement and customization of door swing direction.

13.4 Cu.Ft

Large Capacity



Image: This graphic details the internal volume distribution, indicating 3.3 cubic feet for the top freezer compartment suitable for frozen goods like meat and ice cream, and 10.1 cubic feet for the main refrigerator section, ideal for fresh produce, beverages, and dairy.



Image: Detailed views of the refrigerator's practical design elements, including the adjustable leveling feet for stability, easily removable shelves for cleaning and customization, a convenient basket drawer for organized storage, and a robust door seal for efficient temperature retention.

2. SETUP AND INSTALLATION

Placement Considerations:

- Ensure the refrigerator is placed on a level surface. Adjustable feet are provided for leveling.
- Maintain adequate clearance for proper air circulation: at least 4 inches on top, and 1 inch on the back and sides of the unit. This is crucial for efficient operation, especially when running on propane.
- For indoor installations, ensure proper ventilation for propane operation, including appropriate venting for exhaust gases.



Image: This diagram shows the recommended setup for ventilation, including the placement of refrigerator vents on an exterior wall and the use of a smoke guide pipe with a deflector for safe exhaust of combustion byproducts when operating on propane.

Connecting Power:

- **110V AC:** Plug the refrigerator into a standard 110V electrical outlet.
- **LPG (Propane):** Connect a propane gas cylinder to the refrigerator's gas inlet. Ensure all connections are secure and leak-free before operation.

Reversible Door Installation:

The refrigerator doors are designed to be reversible, allowing you to change the direction they open to suit your space. Refer to the detailed instructions in the included physical manual for the step-by-step process of reversing the door hinges.

Reversible Door



Image: This illustration demonstrates the reversible door functionality, showing how the hinges can be adjusted to allow the refrigerator and freezer doors to open from either the left or the right side, providing flexibility for installation in various kitchen or living spaces.

3. OPERATING INSTRUCTIONS

The control panel for the SMETA refrigerator is located at the bottom front of the unit, providing easy access to all operational settings.



Image: A detailed diagram of the control panel, clearly labeling each component (A-G) and its function, such as the igniter button for gas

operation, the temperature controller, and the mode change knob for switching between AC and gas power.

Starting the Refrigerator on Propane (LPG):

1. **Step 1:** Set the Mode Change Knob (G) to the gas mode.
2. **Step 2:** Depress the Safety Valve button (D) and hold it down while simultaneously depressing the Igniter Button (B).
3. **Step 3:** Continue holding the Safety Valve button (D). When the Flame Indicator (C) reaches the green zone, release the Igniter Button (B) and continue to hold the Safety Valve button (D) for an additional 3-5 seconds to ensure the safety valve is fully engaged.
4. **Step 4:** Adjust the Temperature Controller (E) to your desired setting. Allow 6 to 8 hours for the refrigerator to reach its optimal operating temperature.

Note: The refrigerator comes with batteries pre-installed for the interior light and igniter.

Starting the Refrigerator on 110V AC:

1. **Step 1:** Ensure the refrigerator is properly plugged into a 110V AC power outlet.
2. **Step 2:** Set the Mode Change Knob (G) to the AC mode.
3. **Step 3:** The Power Indicator (F) should illuminate, indicating that the unit is receiving power.
4. **Step 4:** Adjust the Temperature Controller (E) to your desired setting. Allow 6 to 8 hours for the refrigerator to reach its optimal operating temperature.

Approximate Gas Consumption:

The approximate gas consumption for this model is 1.6 lbs per day.

4. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your SMETA refrigerator.

Cleaning:

- **Interior:** Clean the interior regularly with a mild detergent and warm water. Avoid abrasive cleaners or harsh chemicals. Remove shelves and drawers for thorough cleaning.
- **Exterior:** Wipe down the exterior surfaces with a soft cloth and mild cleaner.
- **Door Seals:** Periodically inspect and clean the door seals to ensure they are free of debris and maintain a tight seal. A durable seal is crucial for efficiency.

Defrosting:

This model features an automatic defrost system. However, if excessive frost builds up in the freezer compartment, manually defrost the unit by turning it off and allowing the frost to melt. Do not use sharp objects to remove ice.

5. TROUBLESHOOTING

If you encounter issues with your refrigerator, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Refrigerator not cooling	No power (AC or Gas)	Check power connection or gas supply.
	Temperature setting too high	Adjust temperature controller to a lower setting.
	Insufficient air circulation	Ensure proper clearance around the unit (4" top, 1" back/sides).
	Door not closed properly	Check door seals and ensure door is fully closed.
Flame not igniting (Gas mode)	No gas supply	Check propane tank and connections.
	Igniter button not held long enough	Follow ignition steps carefully, holding buttons for recommended duration.
	Safety valve not engaged	Ensure safety valve button is held down until flame indicator is stable.
Excessive frost buildup	Frequent door opening	Minimize door openings.
	High humidity	Ensure proper ventilation.
	Door seal issue	Check and clean door seals.

6. SPECIFICATIONS

Attribute	Detail
Brand Name	SMETA
Model Info	SXCD-388
Item Weight	230 pounds
Product Dimensions	30.6 x 27.1 x 69.3 inches (D x W x H)
Capacity	13.4 Cubic Feet
Refrigerator Fresh Food Capacity	10.1 Cubic Feet
Freezer Capacity	3.3 Cubic Feet
Noise Level	1 dB
Installation Type	Freestanding
Form Factor	Compact, Freezer Top
Special Features	Adjustable Shelves, Reversible door
Color	White
Voltage	110 Volts
Crispers/Drawers	1

Attribute	Detail
Defrost System	Automatic
Door Hinges	Reversible
Door Material Type	Plastic
Shelf Type	Plastic/Wire
Number of Shelves	5
Certification	UL
Number Of Doors	2

7. WARRANTY AND SUPPORT

Returns Policy:

This product is eligible for a 30-day easy returns policy, allowing for a refund or replacement within 30 days of purchase.

Customer Support:

For any questions, technical assistance, or support regarding your SMETA refrigerator, please contact SMETA Electric Appliances Co.,Ltd directly. You can typically find contact information on the seller's page or through your purchase platform.

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