

## Sharp SJ-FE87V-SS3

# Sharp SJ-FE87V-SS3 Refrigerator User Manual

Model: SJ-FE87V-SS3

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Sharp SJ-FE87V-SS3 French Door Inverter Series Refrigerator. Please read this manual thoroughly before using the appliance and keep it for future reference.



Figure 1.1: Front view of the Sharp SJ-FE87V-SS3 French Door Refrigerator.

## 2. SAFETY INFORMATION

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To prevent injury to the user or other people and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Electrical Safety:** Ensure the refrigerator is connected to a grounded power outlet with the correct voltage (240 Volts). Do not use extension cords or adapters.
- **Installation:** Install the refrigerator on a stable, level surface. Allow adequate space around the unit for proper ventilation (refer to Section 3).
- **Flammable Materials:** Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.
- **Children:** Keep children away from the refrigerator, especially when the doors are open.
- **Cleaning:** Always unplug the refrigerator before cleaning or performing maintenance.

## 3. SETUP AND INSTALLATION

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### 3.1 Unpacking

Carefully remove all packaging materials. Inspect the refrigerator for any damage incurred during shipping. Report any damage to your dealer immediately.

### 3.2 Location

Choose a location that is dry, well-ventilated, and away from direct sunlight or heat sources. Ensure the floor is strong enough to support the refrigerator's weight (approximately 103 kg).

### 3.3 Leveling

Use the adjustable feet at the bottom of the refrigerator to ensure it is perfectly level. This is crucial for proper door alignment and efficient operation.

### 3.4 Power Connection

Plug the refrigerator into a dedicated 240V grounded electrical outlet. Allow the refrigerator to stand for at least 2-4 hours before plugging it in to allow refrigerants to settle.





Figure 3.1: Side views illustrating the refrigerator's dimensions for proper placement.

## 4. OPERATING INSTRUCTIONS

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Your Sharp SJ-FE87V-SS3 refrigerator is equipped with advanced features designed for optimal food preservation and convenience.

### 4.1 Control Panel

The control panel is located on the front of the left French door. It allows you to adjust temperature settings and activate special functions.



Figure 4.1: Digital control panel for temperature and function adjustments.

## 4.2 Temperature Control

Use the control panel to set the desired temperature for the refrigerator and freezer compartments. Recommended settings are typically 3°C to 5°C for the refrigerator and -18°C to -20°C for the freezer.

## 4.3 J-Tech Inverter Technology

The J-Tech Inverter compressor provides precise temperature control and energy efficiency. It enables the following functions:

- **Extra Cool:** Quickly chills beverages or food items to a lower temperature than the main compartment.
- **Express Freeze:** Rapidly freezes items, ideal for preserving freshness of newly added food.



Figure 4.2: Extra Cool Fresh Room drawers for specialized cooling.

## 4.4 Plasmacluster Ion Technology

This technology releases positive and negative ions into the refrigerator to reduce airborne mold spores and odors, helping to keep food fresh and the interior clean.





Figure 4.3: Plasmacluster Ion Technology indicator.

#### 4.5 Twist Ice Maker

To make ice, fill the ice trays with water and place them in the designated area. Once frozen, twist the knobs to release ice cubes into the storage bin below.



Figure 4.4: Twist Ice Maker for convenient ice production.

## 4.6 Storage Compartments

The refrigerator features various storage options for organized food storage:

- **High Humidity Vegetable Crisper:** Designed to maintain optimal humidity levels for fresh fruits and vegetables.
- **Adjustable Shelves:** Customize shelf height to accommodate items of various sizes.
- **Door Pockets:** Ideal for bottles and smaller items.





Figure 4.5: Interior layout of the refrigerator, empty and filled for reference.



## 5. MAINTENANCE AND CLEANING

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

### 5.1 Cleaning the Interior

Unplug the refrigerator before cleaning. Use a soft cloth dampened with a mild detergent solution to wipe down interior surfaces, shelves, and drawers. Rinse with clean water and dry thoroughly. Do not use abrasive cleaners or solvents.

### 5.2 Cleaning the Exterior

Wipe the exterior surfaces with a soft, damp cloth. For stainless steel surfaces, use a specialized stainless steel cleaner to prevent streaks and maintain shine. The metal door with touch panel should be cleaned gently to avoid damage.

### 5.3 AGCU Nano Deodorizer

The built-in AGCU Nano Deodorizer helps eliminate odors. This component typically does not require user maintenance.

### 5.4 Condenser Coils

Periodically clean the condenser coils located at the back or bottom of the refrigerator to ensure efficient cooling. Use a vacuum cleaner or a soft brush to remove dust and debris.

## 6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Refrigerator not cooling	Power cord unplugged; Temperature setting too high; Door not closed properly; Blocked air vents.	Check power connection; Adjust temperature; Ensure doors are sealed; Clear obstructions from vents.
Unusual noises	Refrigerator not level; Items vibrating inside; Compressor noise (normal).	Level the refrigerator; Rearrange items; Consult manual for normal operating sounds.
Water on floor	Drain hose clogged; Defrost water overflow.	Clear drain hose; Ensure proper drainage.
Odor inside	Food spoilage; Deodorizer needs activation (if applicable).	Remove spoiled food; Clean interior; Ensure AGCU Nano Deodorizer is functioning.

## 7. SPECIFICATIONS

Feature	Detail
Model Number	SJ-FE87V-SS3
Brand	Sharp

Feature	Detail
Capacity (Gross)	724 Liters
Capacity (Net)	605 Liters
Dimensions (WxDxH)	89.2 x 77.1 x 183 cm
Item Weight	103 kg
Color	Steel
Voltage	240 Volts
Compressor Type	J-Tech Inverter
Special Features	Plasmacluster Ion Technology, AGCU Nano Deodorizer, Hybrid Cooling Panel, Extra Cool, Express Freeze, Twist Ice Maker, Brilliant LED Lighting
Installation Type	Built-In
Defrost System	Frost Free
Number of Doors	4 (French Door)


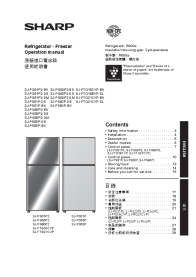
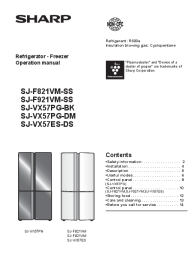


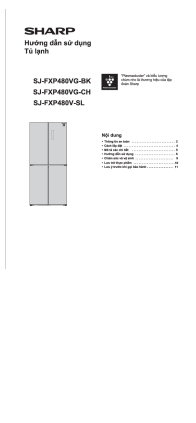
## 8. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your purchase or contact your local Sharp authorized dealer. Keep your proof of purchase for warranty claims.

For technical support or service inquiries, please contact Sharp customer service or visit the official Sharp website. Ensure you have your model number (SJ-FE87V-SS3) and serial number ready when contacting support.

**Online Resources:** For additional support and FAQs, visit the official Sharp website:  
[global.sharp/consumer/support/](https://global.sharp/consumer/support/)

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	<p><a href="#">SHARP Refrigerator - Freezer Operation Manual</a></p> <p>Comprehensive operation manual for SHARP Refrigerator - Freezer models SJ-FX52TP, SJ-FX57TP, SJ-FX52GP, and SJ-FX57GP. Provides detailed information on safety, installation, product features, usage modes, control panel operation, food storage, maintenance, and troubleshooting.</p>
	<p><a href="#">Sharp Refrigerator-Freezer Operation Manual</a></p> <p>This operation manual provides detailed instructions for the safe and efficient use of Sharp Refrigerator-Freezer models, including safety precautions, installation guidelines, description of features, useful modes, control panel operations, temperature control, food storage advice, care and cleaning instructions, and troubleshooting tips.</p>
	<p><a href="#">SHARP Refrigerator Operation Manual: SJ-F821VM, SJ-F921VM, SJ-VX57PG, SJ-VX57ES Models</a></p> <p>User-friendly operation manual for SHARP refrigerators, including models SJ-F821VM, SJ-F921VM, SJ-VX57PG, and SJ-VX57ES. Contains essential safety guidelines, installation procedures, usage modes, care instructions, and troubleshooting tips for optimal performance.</p>
	<p><a href="#">SHARP SJ-PD14A Refrigerator User Manual</a></p> <p>User manual for the SHARP SJ-PD14A refrigerator, covering installation, operation, maintenance, and troubleshooting. Includes information on Plasmacluster technology, temperature settings, door reversal, and safety precautions.</p>
	<p><a href="#">Sharp Refrigerator SJ-SBXP600V Series User Manual</a></p> <p>User manual for Sharp SJ-SBXP600V series refrigerators, covering installation, operation, safety precautions, care, food storage, and troubleshooting. Includes details on Plasmacluster technology.</p>
	<p><a href="#">SHARP SJ-FXP480VG Refrigerator-Freezer Operation Manual</a></p> <p>This manual provides comprehensive instructions for operating and maintaining your SHARP SJ-FXP480VG series refrigerator-freezer. It covers essential safety information, installation guidelines, detailed descriptions of features, operational modes, care and cleaning procedures, food storage tips, and troubleshooting advice.</p>