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Mitsubishi MSZ-HR25VF

Mitsubishi Electric MSZ-HR25VF Air Conditioner User Manual

Model: MSZ-HR25VF | Brand: Mitsubishi Electric

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Mitsubishi Electric MSZ-HR25VF air conditioning system. Please read this manual thoroughly before using the unit and keep it for future reference.

The Mitsubishi Electric MSZ-HR25VF series offers clean design, excellent energy efficiency, and quiet operation, providing optimal comfort for your indoor environment.

2. SAFETY INFORMATION

Important Safety Instructions: Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons.

- Ensure the unit is installed by a qualified professional in accordance with local and national electrical codes.
- Do not attempt to repair or modify the unit yourself. Contact qualified service personnel for all repairs.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep the remote control out of reach of small children.
- Turn off the power supply before cleaning or performing any maintenance.
- This appliance uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- User Manual (this document)



Figure 3.1: Complete Mitsubishi Electric MSZ-HR25VF Air Conditioner system, showing the indoor unit, outdoor unit, and the included remote control.

4. PRODUCT FEATURES

- **Capacity:** 9,000 BTU, suitable for cooling and heating standard rooms.
- **Refrigerant:** Utilizes R32 refrigerant, known for its low environmental impact.
- **DC Inverter System:** Enables rapid attainment of desired temperature without significant fluctuations, ensuring stable comfort and energy efficiency.
- **Energy Efficiency:** Rated A++ for cooling and A+ for heating, contributing to lower energy consumption.
- **Dual Functionality:** Capable of both heating and cooling operations.
- **Compressor:** Equipped with an inverter compressor for optimized performance.
- **Quiet Operation:** Low noise level of 21 dB for comfortable use.

5. SETUP AND INSTALLATION

Installation of the Mitsubishi Electric MSZ-HR25VF air conditioning system requires specialized knowledge and tools. It is **highly**

recommended that installation be performed by a certified HVAC professional to ensure proper functioning, safety, and compliance with all local regulations.

5.1 Indoor Unit Placement



Figure 5.1: Front view of the Mitsubishi Electric MSZ-HR25VF indoor unit.

The indoor unit should be mounted on a strong wall, away from direct sunlight and heat sources. Ensure adequate space around the unit for proper airflow and maintenance access.

5.2 Outdoor Unit Placement



Figure 5.2: Side view of the Mitsubishi Electric MSZ-HR25VF outdoor unit.

The outdoor unit should be placed on a stable, level surface, with sufficient clearance for air circulation. Avoid locations where it

might be exposed to excessive dust, debris, or direct precipitation.

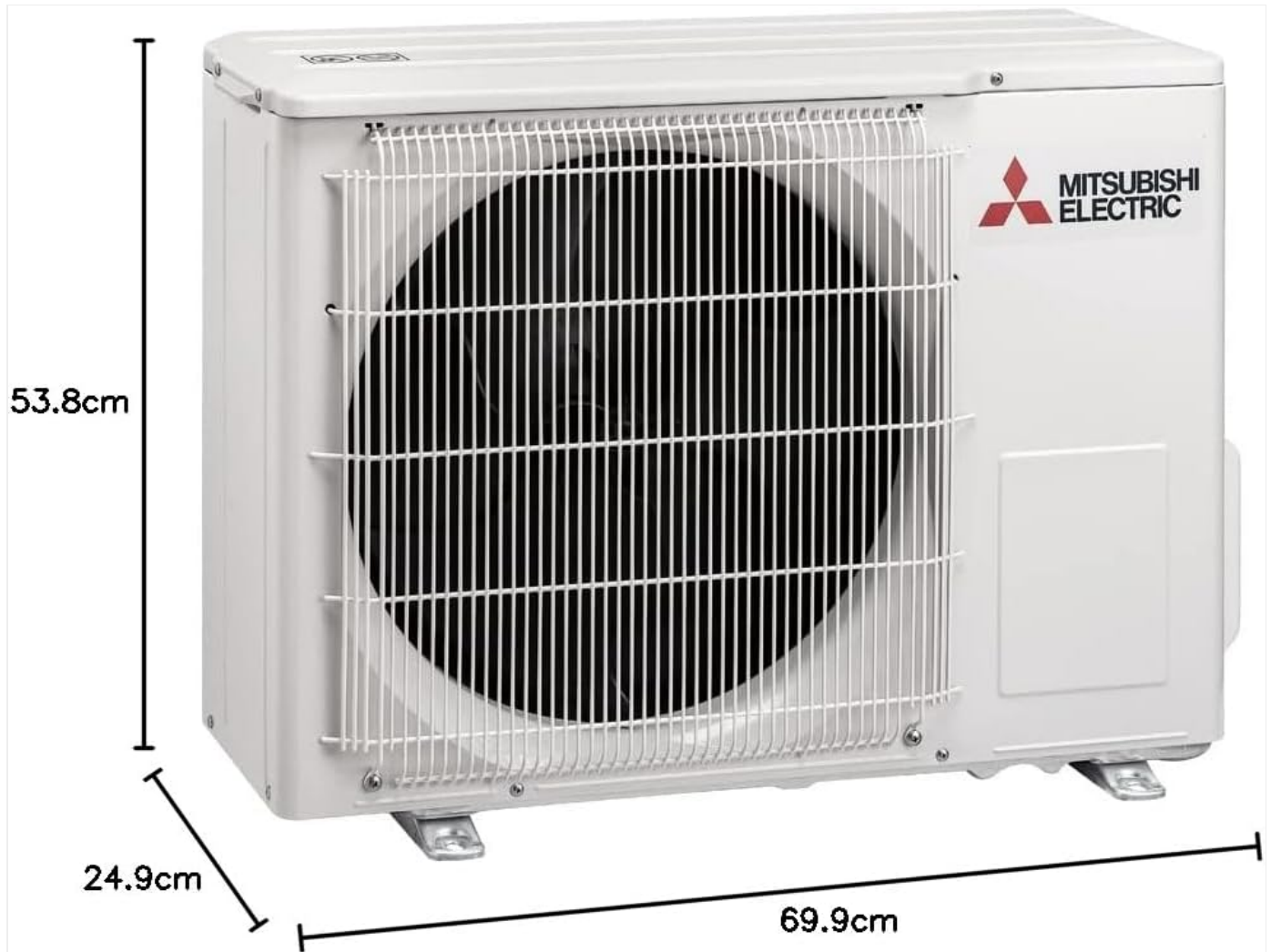


Figure 5.3: Dimensions of the Mitsubishi Electric MSZ-HR25VF outdoor unit, showing height (53.8cm), width (69.9cm), and depth (24.9cm).

Refer to the detailed installation manual provided with the product for specific instructions regarding refrigerant piping, electrical wiring, and drainage.

6. OPERATING INSTRUCTIONS

Your air conditioner is operated via the included remote control. Ensure batteries are correctly inserted before use.





Figure 6.1: The remote control for the Mitsubishi Electric MSZ-HR25VF air conditioner, showing various function buttons.

6.1 Remote Control Functions

- **OFF/ON Button:** Press to start or stop the operation.
- **MODE Button:** Cycles through operating modes:

- **COOL:** For cooling operation.
- **DRY:** For dehumidification.
- **FAN:** For fan-only operation (no cooling/heating).
- **HEAT:** For heating operation.

- **TEMP ▲/▼ Buttons:** Adjust the desired temperature setting.
- **FAN Button:** Adjusts fan speed.
- **VANE Button:** Adjusts the horizontal airflow direction.
- **ECONO COOL Button:** Activates energy-saving cooling mode.
- **TIME Button:** Used for setting timer functions (ON/OFF timer).
- **SELECT Button:** Used in conjunction with TIME for timer settings.
- **RESET Button:** Resets the remote control settings.

6.2 Basic Operation

1. Press the **OFF/ON** button to start the unit.
2. Press the **MODE** button to select your desired operating mode (e.g., COOL, HEAT).
3. Use the **TEMP ▲/▼** buttons to set the desired temperature.
4. Adjust the fan speed and vane direction as needed using the respective buttons.
5. To stop the unit, press the **OFF/ON** button again.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always turn off the power supply to the unit before performing any maintenance.

7.1 Air Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used heavily or in dusty environments. Clogged filters reduce efficiency and airflow.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with water. If washing, ensure they are completely dry before reinserting.
4. Reinstall the filters and close the front panel.

7.2 General Cleaning

Wipe the indoor and outdoor units with a soft, dry cloth. For stubborn dirt, use a damp cloth with a mild detergent, then wipe dry. Do not use harsh chemicals, abrasive cleaners, or solvents.

7.3 Professional Inspection

It is recommended to have your air conditioning system inspected by a qualified technician annually to ensure all components are functioning correctly and to perform deep cleaning of coils and other internal parts.

8. TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not operate	No power supply; Remote control batteries dead; Timer function active.	Check power breaker; Replace batteries; Cancel timer setting.
Insufficient cooling/heating	Air filter clogged; Temperature setting incorrect; Doors/windows open.	Clean air filter; Adjust temperature; Close doors/windows.
Unusual noise	Loose parts; Obstruction in fan.	Contact a qualified technician.
Water leakage from indoor unit	Drain hose clogged or kinked; Improper installation.	Check drain hose; Contact a qualified technician.

If the problem persists after checking these points, please contact a qualified service technician.

9. SPECIFICATIONS

Feature	Detail
Model Number	MSZ-HR25VF
Cooling Capacity	9,000 BTU
Refrigerant	R-32
Noise Level (Indoor Unit)	21 dB
Voltage	230 Volts
Energy Efficiency (Cooling)	A++
Energy Efficiency (Heating)	A+
Seasonal Energy Efficiency Ratio (SEER)	16
Product Dimensions (Outdoor Unit)	24.9D x 69.9W x 53.8H cm
Product Weight	31.5 kg
Included Components	Indoor unit, remote control, outdoor unit

10. WARRANTY AND SUPPORT

This Mitsubishi Electric air conditioning system comes with a **2-year warranty**. For warranty claims or technical support, please contact your authorized Mitsubishi Electric dealer or service center.

You can also visit the official Mitsubishi Electric store for more information and support resources: [Mitsubishi Electric Store](#)



