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› Mitsubishi Electric MSZ-DW35VF Air Conditioner User Manual

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Model: MSZ-DW35VF

1. INTRODUCTION

Thank you for choosing the Mitsubishi Electric MSZ-DW35VF Fixed Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning system. Please read this manual thoroughly before using the unit and keep it for future reference. Proper use and maintenance will ensure optimal performance and longevity of your appliance.

2. SAFETY INFORMATION

General Safety Precautions

- Always ensure the unit is installed by a qualified professional in accordance with local regulations and this manual.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel for any repairs.
- Ensure the power supply matches the specifications listed on the unit's nameplate.
- Do not insert fingers or objects into the air inlet or outlet.
- Keep flammable materials away from the unit.
- If any abnormal operation, smell, or sound occurs, immediately turn off the unit and disconnect the power supply.

3. PRODUCT OVERVIEW

The Mitsubishi Electric MSZ-DW35VF system consists of an indoor unit, an outdoor unit, and a remote control, designed to provide efficient heating and cooling for your space.



Figure 3.1: Complete Mitsubishi Electric MSZ-DW35VF air conditioner system, showing the indoor unit, outdoor unit, and remote control.

Components

- **Indoor Unit:** Mounted inside the room, responsible for air distribution and temperature regulation.



Figure 3.2: The sleek design of the Mitsubishi Electric MSZ-DW35VF indoor unit.

- **Outdoor Unit:** Installed outside, houses the compressor and condenser.

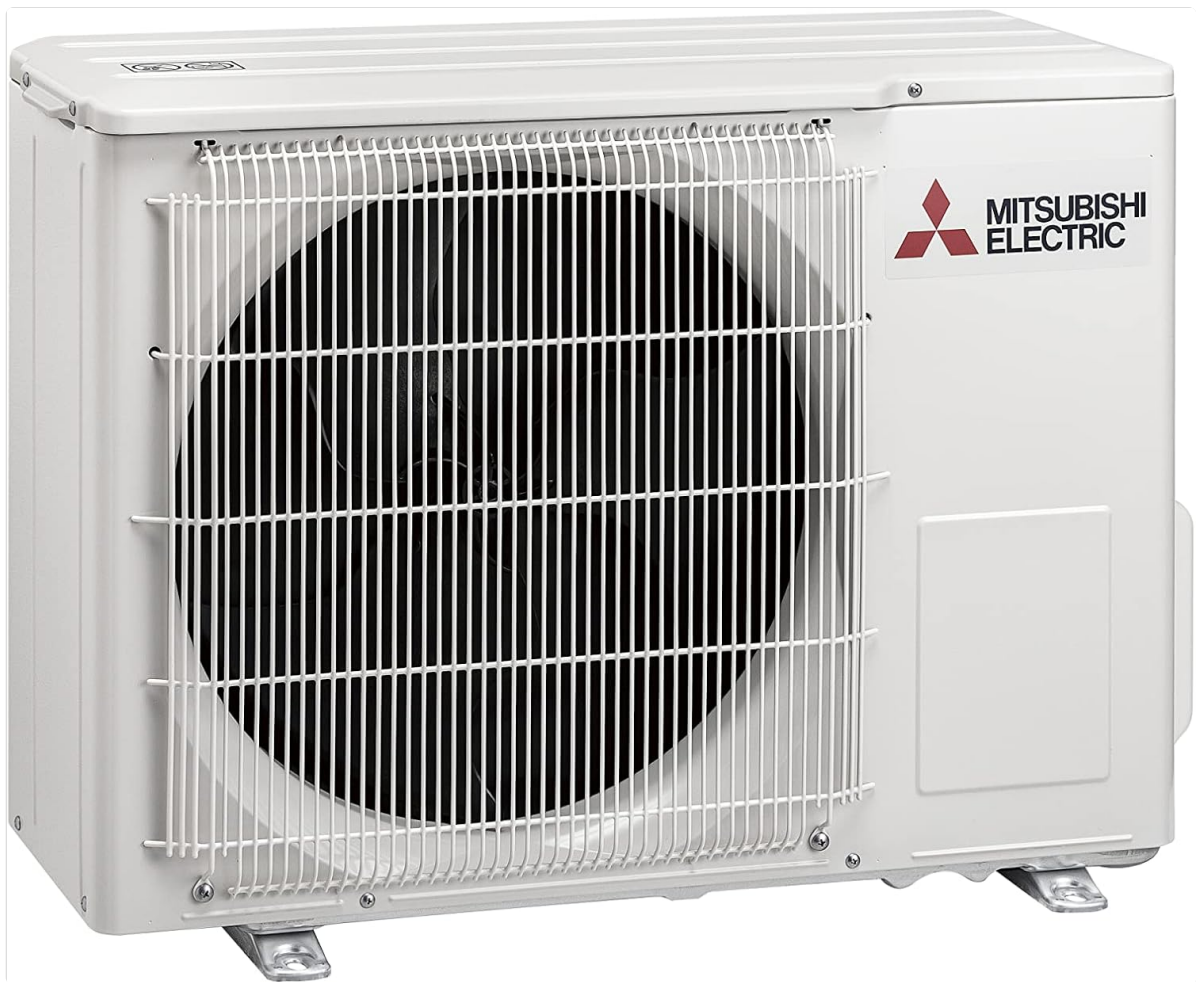


Figure 3.3: The robust Mitsubishi Electric MSZ-DW35VF outdoor unit, designed for durability.

- **Remote Control:** Used to operate the unit and adjust settings.





Figure 3.4: The intuitive remote control for the MSZ-DW35VF air conditioner, showing various function buttons.

4. SETUP AND INSTALLATION

Installation of this air conditioning system requires specialized knowledge and tools. It must be performed by a certified HVAC professional to ensure proper functioning, safety, and compliance with warranty terms.

Before Installation

- Ensure the installation site has adequate space for both indoor and outdoor units, allowing for proper airflow and maintenance access.
- Verify that the electrical supply meets the unit's requirements.
- Confirm that the wall or mounting surface for the indoor unit is strong enough to support its weight.

Installation Guidelines (For Professional Installers)

The installation process typically involves mounting the indoor unit, securing the outdoor unit, connecting refrigerant lines, electrical wiring, and drainage pipes, followed by vacuuming and charging the system with R32 refrigerant. Refer to the detailed installation manual provided to professionals for specific steps.



Figure 4.1: Example of a properly mounted indoor unit on a wall, ensuring optimal air circulation.

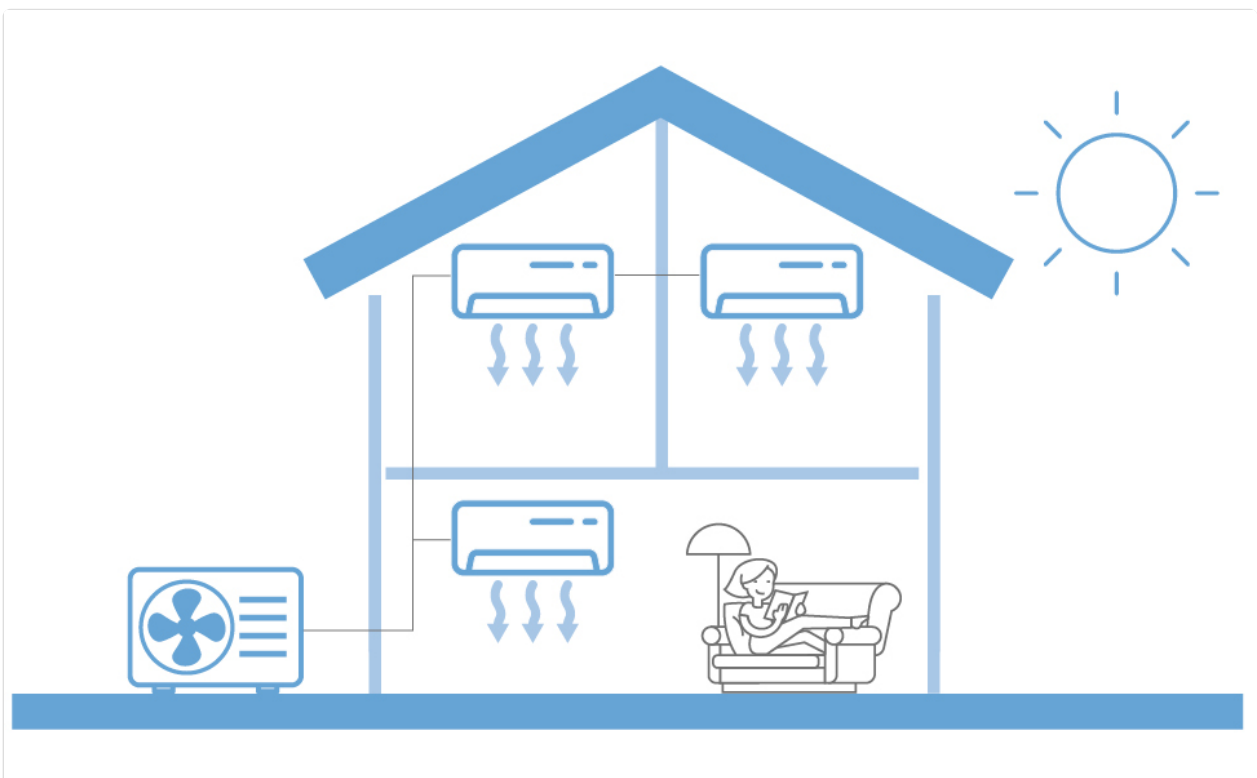


Figure 4.2: Illustrative diagram showing how a multi-split air conditioning system connects indoor units to a single outdoor unit.

5. OPERATING INSTRUCTIONS

Your Mitsubishi Electric air conditioner is designed for user-friendly operation via the supplied remote control.

Remote Control Functions

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes: Cool, Dry, Fan, Heat.
- **Temperature Adjustment Buttons (TOO WARM / TOO COOL):** Increases or decreases the set temperature.
- **FAN Button:** Adjusts fan speed (Auto, Low, Medium, High).
- **VANE Button:** Adjusts the vertical airflow direction.

- **TIMER Buttons:** Sets ON/OFF timers for automated operation.

Operating Modes

- **Cool Mode:** For cooling the room. Set desired temperature.
- **Heat Mode:** For heating the room. Set desired temperature.
- **Dry Mode:** Reduces humidity in the room without significant temperature change.
- **Fan Mode:** Circulates air without heating or cooling.

Special Features

- **Quiet Operation:** Reduces fan noise for a quieter environment.



Figure 5.1: Icon indicating the silent operation feature, minimizing noise for comfort.

- **Sleep Mode:** Adjusts temperature gradually for comfortable sleep and energy saving.



Figure 5.2: Icon representing the sleep mode, designed for enhanced comfort during rest.

- **Wi-Fi Control (MELCloud):** Compatible with MELCloud for remote control via smartphone or tablet (requires optional Wi-Fi interface).



Figure 5.3: The MELCloud logo, indicating smart control capabilities via Wi-Fi.

6. MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your air conditioner. Always turn off the unit and disconnect power before performing any maintenance.

Air Filter Cleaning

The air filters should be cleaned regularly (e.g., every two weeks or as needed) to maintain optimal airflow and air quality.

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 lukewarm water. Allow them to dry completely before reinserting.
- 4. Close the front panel securely.

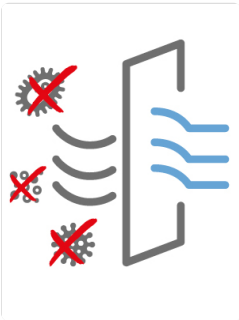


Figure 6.1: Diagram illustrating how the air filter captures dust and impurities, ensuring clean air.

This model features a V Blocking Filter, which helps eliminate dust and impurities with antibacterial, anti-mold, and odor-capturing effects.



Figure 6.2: The V Blocking Filter logo, highlighting its advanced air purification capabilities.

General Cleaning

- Wipe the indoor unit's exterior with a soft, dry cloth. For stubborn dirt, use a damp cloth with mild detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or hot water.
- Ensure the outdoor unit's coils are free from debris (leaves, dirt) to maintain efficiency. This should ideally be done by a professional.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Unit does not operate	No power; Remote control batteries low; Timer is set.	Check power supply; Replace batteries; Cancel timer setting.
Insufficient cooling/heating	Air filter clogged; Doors/windows open; Temperature setting incorrect; Outdoor unit obstructed.	Clean air filter; Close doors/windows; Adjust temperature; Clear obstructions around outdoor unit.
Unusual noise	Loose parts; Unit not level; Refrigerant flow sound.	Contact professional for inspection; Ensure unit is level; Refrigerant flow sound is normal.

Problem	Possible Cause	Solution
Water leakage from indoor unit	Drain hose clogged or kinked; Unit not properly installed.	Contact professional for inspection and repair.

If the problem persists after attempting these solutions, please contact a qualified service technician.

8. TECHNICAL SPECIFICATIONS

Key specifications for the Mitsubishi Electric MSZ-DW35VF air conditioner:

Specification	Value
Model Name	MSZ-DW35VF
Cooling Capacity	12,000 BTU
Refrigerant Type	R32
Energy Efficiency (Cooling)	A++
Energy Efficiency (Heating)	A+
Seasonal Energy Efficiency Ratio (SEER)	16
Voltage	230 Volt
Power Source	Corded Electric
Form Factor	Mini-split
Special Feature	Heating
Start Year	2019

9. WARRANTY AND SUPPORT

Your Mitsubishi Electric MSZ-DW35VF air conditioner comes with a limited warranty. Please refer to the warranty card included with your product for specific terms, conditions, and duration.

For technical support, service requests, or to find authorized service centers, please visit the official Mitsubishi Electric website or contact their customer service. You can also visit the [Mitsubishi Electric Store on Amazon](#) for more product information.