

Mitsubishi msz-ap35vgk

Mitsubishi Electric MSZ-AP35VGK Air Conditioner User Manual

Model: MSZ-AP35VGK

1. INTRODUCTION

Thank you for choosing the Mitsubishi Electric MSZ-AP35VGK Split Air Conditioner. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new air conditioning system. Please read this manual thoroughly before using the unit and keep it for future reference.

The MSZ-AP35VGK is designed to provide optimal comfort with features such as R-32 refrigerant for environmental efficiency, quiet operation at 19 dB, and integrated Wi-Fi for convenient control.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to property. Failure to follow these instructions may result in serious injury or death.

- **Professional Installation:** Installation, relocation, and maintenance of this unit must be performed by a qualified service technician. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply matches the unit's specifications. Do not use extension cords or multi-outlet adapters.
- **Electrical Safety:** Do not operate the unit with wet hands. Do not insert fingers or objects into the air inlet/outlet.
- **Refrigerant:** This unit uses R-32 refrigerant. Do not attempt to modify or repair the refrigerant circuit yourself. R-32 is a mildly flammable refrigerant.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance.
- **Cleaning:** Disconnect power before cleaning the unit. Use a soft, dry cloth. Do not use harsh chemicals or abrasive cleaners.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- Indoor Unit (MSZ-AP35VGK)
- Outdoor Unit
- Remote Controller
- User Manual (this document)
- Installation Manual (for professional installers)
- Wi-Fi Interface (integrated or separate module, depending on region)

4. SETUP AND INSTALLATION

4.1. Before Installation

- **Location:** Choose a location for the indoor unit that allows for even air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or obstructions.
- **Power Requirements:** Ensure the electrical wiring and circuit breaker capacity meet the unit's requirements.
- **Drainage:** Plan for proper drainage of condensate water from the indoor unit.

4.2. Installation Steps

The Mitsubishi Electric MSZ-AP35VGK is a split system air conditioner, requiring both an indoor and an outdoor unit. **Installation must be performed by a certified HVAC professional.** This ensures proper refrigerant handling, electrical connections, and optimal performance.

Key installation steps typically include:

1. Mounting the indoor unit on a wall.
2. Installing the outdoor unit on a stable surface.
3. Connecting refrigerant lines between the indoor and outdoor units.
4. Making electrical connections.
5. Vacuuming and charging the refrigerant lines.
6. Connecting the condensate drain line.



Image 1: The indoor unit of the Mitsubishi Electric MSZ-AP35VGK air conditioner. This unit is typically mounted on a wall and distributes conditioned air throughout the room.

5. OPERATION

5.1. Basic Operation with Remote Controller

The unit is controlled via the provided wireless remote controller. Ensure the remote has fresh batteries.

- **POWER Button:** Press to turn the unit ON or OFF.
- **MODE Button:** Cycle through operating modes: **COOL** (for cooling), **HEAT** (for heating), **DRY** (for dehumidification), **FAN** (for air circulation only), and **AUTO** (unit automatically selects mode based on room temperature).
- **TEMP Buttons (▲/▼):** Adjust the desired temperature setting.
- **FAN SPEED Button:** Adjust the fan speed (e.g., Low, Medium, High, Auto).
- **VANE/SWING Button:** Adjust the direction of the airflow or enable automatic swing.

5.2. Wi-Fi Connectivity and App Control

The MSZ-AP35VGK features integrated Wi-Fi, allowing you to control your air conditioner remotely using a smartphone or tablet application. This feature is enabled by default.

1. **Download App:** Download the official Mitsubishi Electric Wi-Fi Control app (e.g., MELCloud) from your device's app store.
2. **Create Account:** Follow the in-app instructions to create a user account.
3. **Register Unit:** Follow the app's guide to register your MSZ-AP35VGK unit. This typically involves putting the unit into a pairing mode and connecting it to your home Wi-Fi network. Refer to the specific Wi-Fi interface manual for detailed pairing instructions.
4. **Remote Control:** Once connected, you can control all major functions of your air conditioner from the app, including mode, temperature, fan speed, and scheduling.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always disconnect the power supply before performing any maintenance.

6.1. Air Filter Cleaning

The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with water and a mild detergent.
4. Allow the filters to dry completely in a shaded area.
5. Reinstall the dry filters and close the front panel.

6.2. Outdoor Unit Maintenance

Periodically check the outdoor unit for any obstructions (leaves, debris) around the air inlet and outlet. Keep the area clear to ensure proper airflow. For internal cleaning or inspection, contact a qualified service technician.

7. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common troubleshooting tips. If the problem persists, contact a qualified service technician.

- **Unit does not operate:** Check if the power supply is connected, the circuit breaker is ON, and the remote controller batteries are functional.
- **Insufficient cooling/heating:** Ensure air filters are clean, doors/windows are closed, and there are no obstructions to the indoor or outdoor unit airflow. Check if the temperature setting is appropriate for the desired mode.
- **Unusual noises:** A slight gurgling sound is normal due to refrigerant flow. If noises are loud or unusual, turn off the unit and contact service.
- **Wi-Fi connection issues:** Ensure your home Wi-Fi network is active and the unit is within range. Re-attempt the pairing process as described in the app or Wi-Fi interface manual.
- **Water leakage:** Check if the drain hose is clogged or improperly installed. This issue often requires professional attention.

8. SPECIFICATIONS

Key technical specifications for the Mitsubishi Electric MSZ-AP35VGK:

- **Model Number:** MSZ-AP35VGK
- **Refrigerant:** R-32
- **Noise Level:** 19 Decibels (minimum)
- **Seasonal Energy Efficiency Ratio (SEER):** 16
- **Power Source:** Electric with cable
- **Form Factor:** Minisplit
- **Special Feature:** Wi-Fi enabled
- **Compressor Type:** Rotary Scroll

- **Installation Type:** Split System
- **Application:** Residential
- **Control Method:** Application (App Control)
- **Product Weight:** 49 kg
- **Year of Introduction:** 2020

9. WARRANTY AND SUPPORT

Your Mitsubishi Electric MSZ-AP35VGK air conditioner comes with a **Limited Warranty**. For specific terms and conditions, please refer to the warranty card included with your product or contact your local Mitsubishi Electric dealer.

For technical support, service, or warranty claims, please contact your authorized Mitsubishi Electric dealer or visit the official Mitsubishi Electric website for contact information in your region. Do not attempt to repair the unit yourself, as this may void your warranty and pose safety risks.