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> Midea MAS24C2BFD Minisplit Air Conditioner User Manual

Midea MAS24C2BFD

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USER MANUAL

Model: MAS24C2BFD | Brand: Midea

1. Introduction

This user manual provides detailed instructions for the safe and efficient operation, maintenance, and troubleshooting of your Midea MAS24C2BFD Minisplit Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference.

The Midea MAS24C2BFD is a 2-ton (24,000 BTU) single-cooling minisplit air conditioner designed for optimal comfort in your space, operating on 220 Volts. It features advanced functions such as Triple Comfort, Super Cool, Auto-Clean, and Silent Operation for enhanced user experience.

2. Safety Information

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury to persons.

- Ensure the unit is properly grounded.
- Do not operate the air conditioner with wet hands.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep the remote control away from water.
- Disconnect power before cleaning or performing maintenance.
- Installation and major repairs should only be performed by qualified personnel.
- Use only the specified refrigerant (R-32 or other low GWP refrigerant).

3. Components Overview

Your Midea MAS24C2BFD Minisplit Air Conditioner consists of an indoor unit (evaporator), an outdoor unit (condenser), and a remote control. An installation kit is also included.



Figure 3.1: Indoor Unit (Evaporator)

This unit is installed inside your room and is responsible for distributing cool air. It features an elegant and modern design.



Figure 3.2: Outdoor Unit (Condenser)

This unit is installed outside and houses the compressor. It features a diamond-cut design and Gold Fin coating for enhanced durability and corrosion protection.



Figure 3.3: Remote Control

Used for convenient operation and programming of your minisplit air conditioner.

4. Setup and Installation

The Midea MAS24C2BFD Minisplit Air Conditioner requires professional installation. It includes an installation kit with necessary components. Please ensure that the installation is carried out by a certified technician to guarantee proper functioning and safety.

Key considerations for installation:

- **Power Supply:** The unit operates on 220 Volts. Ensure a dedicated power circuit is available.
- **Location:** Choose a location for the indoor unit that allows for optimal air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight and obstructions.
- **Drainage:** Proper drainage for condensate water from the indoor unit is crucial.

- **Refrigerant Lines:** Ensure refrigerant lines are properly connected and sealed to prevent leaks.

5. Operating Instructions

The remote control allows you to access all functions of your Midea Minisplit Air Conditioner. Ensure batteries are inserted correctly.

5.1. Remote Control Functions

Button/Function	Description
ON/OFF	Turns the air conditioner on or off.
MODE	Cycles through operating modes (e.g., Cool, Fan, Dry, Auto). This model is primarily for cooling.
TEMP ▲/▼	Adjusts the desired temperature setting.
FAN	Adjusts fan speed (Auto, Low, Medium, High).
TIMER	Sets the timer for automatic turn on/off (up to 24 hours).
SLEEP (Night Mode)	Automatically adjusts temperature and fan speed for comfortable sleep and energy efficiency.
TURBO (Super Cool)	Activates rapid cooling to reach the desired temperature quickly.
SELF CLEAN (Auto-Clean)	Removes moisture from the evaporator to prevent odors and mold growth.
FOLLOW ME	Detects the distance between the indoor unit and the remote control to optimize temperature at your location.
FAVORITE	Allows you to save and recall your preferred temperature and mode settings.
SILENCE	Activates silent operation, reducing noise from the unit and remote control.

5.2. Basic Operation Steps

1. **Power On:** Press the **ON/OFF** button on the remote control.
2. **Select Mode:** Press the **MODE** button to select "Cool" mode for cooling.
3. **Set Temperature:** Use the **TEMP ▲/▼** buttons to set your desired temperature.
4. **Adjust Fan Speed:** Press the **FAN** button to select your preferred fan speed.
5. **Utilize Special Functions:** Explore functions like **SUPER COOL** for quick cooling or **SLEEP** for nighttime comfort.
6. **Power Off:** Press the **ON/OFF** button again to turn off the unit.

The unit also features **Auto-Restart**, which restores the last programmed settings after a power outage.



Figure 5.1: Bidirectional Airflow

The indoor unit distributes air with a bidirectional flow to ensure wide coverage and consistent cooling throughout the room.

6. Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always disconnect power before cleaning.

6.1. Auto-Clean Function

The **Auto-Clean** function helps to remove moisture from the evaporator coil, preventing the growth of mold and the accumulation of odors. Activate this function periodically as recommended in the operating instructions.

6.2. Filter Cleaning

The Midea MAS24C2BFD features a double filter system. Clean the air filters regularly (e.g., every two weeks or as needed) to maintain air quality and cooling efficiency. Refer to the unit's specific instructions for filter removal and cleaning. Typically, filters can be rinsed with water and air-dried.

6.3. Outdoor Unit Maintenance

Periodically check the outdoor unit for any obstructions (leaves, debris) around the condenser coils. Ensure the Gold Fin coating is intact to protect against corrosion. For thorough cleaning of the outdoor unit, it is recommended to contact a professional technician.

7. Troubleshooting

Before contacting customer support, please refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, circuit breaker tripped, remote control batteries dead.	Check power supply, reset breaker, replace remote control batteries.
Insufficient cooling.	Dirty air filters, blocked outdoor unit, low refrigerant, wrong mode selected.	Clean filters, clear obstructions from outdoor unit, check mode, contact technician for refrigerant check.
Unusual noise.	Loose parts, foreign objects, fan motor issue.	Check for loose parts or objects. If noise persists, contact a technician.

Problem	Possible Cause	Solution
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact installer.
Remote control not working.	Dead batteries, obstruction between remote and unit, remote malfunction.	Replace batteries, remove obstructions, try resetting the remote.

For issues not listed or if solutions do not resolve the problem, please contact Midea customer support or a qualified service technician.

8. Specifications

Feature	Detail
Model Name	MAS24C2BFD
Brand	Midea
Type	Minisplit Air Conditioner (Single Cooling)
Cooling Capacity	2 Tons (24,000 BTU)
Voltage	220 Volts
Refrigerant	R-32 or other low GWP refrigerant
Power Source	Wired Electric
Item Weight	71.5 Kilograms
Product Dimensions	42 x 103.8 x 113.5 cm (approximate, combined units)
Components Included	Condenser, Evaporator, Installation Kit
Batteries Required	No (for main unit, remote requires batteries)

9. Warranty and Support

Your Midea MAS24C2BFD Minisplit Air Conditioner comes with a limited warranty:

- **2 years** on parts and components.
- **6 years** on the compressor.

Please retain your proof of purchase for warranty claims. For technical support, service requests, or warranty inquiries, please contact Midea customer service through their official website or the contact information provided with your purchase documentation.

Note: Warranty terms and conditions may vary by region. Refer to your specific warranty card for complete details.

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