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> Mjkone 24000 BTU Split System Air Conditioner & Heater User Manual

## Mjkone 430151110/430152110

# Mjkone 24000 BTU Split System Air Conditioner & Heater User Manual

Model: 430151110/430152110

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your Mjkone 24000 BTU Split System Air Conditioner and Heater. Please read this manual thoroughly before using the appliance to ensure proper function and safety. Keep this manual for future reference.



Image 1.1: Overview of the Mjkone Split System Air Conditioner and Heater, including the indoor unit, outdoor unit, remote control, and connection lines.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- Ensure the unit is properly grounded.
- Do not operate the unit with wet hands.
- Do not insert objects into the air outlet.
- Turn off the power supply before cleaning or performing maintenance.
- Keep children away from the unit.
- Installation and repairs should only be performed by qualified personnel.

## 3. PRODUCT OVERVIEW

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### 3.1 Key Features

- **Energy Saving and High Efficiency:** 24000 BTU, 230V/60Hz, 19 SEER2 rating with inverter

technology for reduced energy consumption.

- **4-in-1 Multifunctional:** Offers Cooling, Heating, Dehumidification, and Fan modes.
- **Rapid Cooling and Heating:** Achieves desired temperatures quickly (cooling in 30 seconds, heating in 60 seconds).
- **Smart Control:** Includes a remote control and supports WIFI wireless control and monitoring.
- **Four Seasons Comfort:** Operates efficiently across a wide range of outdoor temperatures.
- **Ultra Quiet Operation:** Designed for minimal noise, promoting a peaceful environment.

### 3.2 Product Dimensions

Understanding the dimensions of both the indoor and outdoor units is crucial for proper installation planning.



Image 3.1: Detailed dimensions for the indoor unit (42.32"W x 12.99"H x 9.45"D) and outdoor unit (37.4"W x 27.56"H x 15.55"D).

## 4. INSTALLATION

The Mjkone Split System Air Conditioner is designed for straightforward installation, with all basic components included. However, due to the complexity involving refrigerant lines and electrical connections,

**professional installation by a certified technician is strongly recommended** to ensure safety, optimal performance, and warranty validity.

## 4.1 General Installation Steps (Overview)

1. **Select Location:** Choose appropriate locations for both indoor and outdoor units, ensuring adequate space for airflow and maintenance.
2. **Mount Indoor Unit:** Securely mount the indoor unit on a wall, ensuring it is level.
3. **Install Outdoor Unit:** Place the outdoor unit on a stable, level surface, away from obstructions.
4. **Connect Refrigerant Lines:** Connect the copper refrigerant lines between the indoor and outdoor units. This requires specialized tools and expertise to prevent leaks.
5. **Electrical Wiring:** Connect the power supply and communication wiring according to local electrical codes and the wiring diagram provided in the full installation guide.
6. **Vacuum and Charge:** Evacuate air and moisture from the refrigerant lines using a vacuum pump, then charge the system with refrigerant if necessary.
7. **Test Operation:** Perform a test run to ensure all functions are working correctly and there are no leaks.

Refer to the detailed installation manual provided with your product for specific instructions and diagrams.

## 5. OPERATION

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Your Mjkone Split System offers various modes and smart control options for optimal comfort.

### 5.1 Remote Control Functions

The included remote control allows you to manage all functions from a distance.

## Product Dimensions

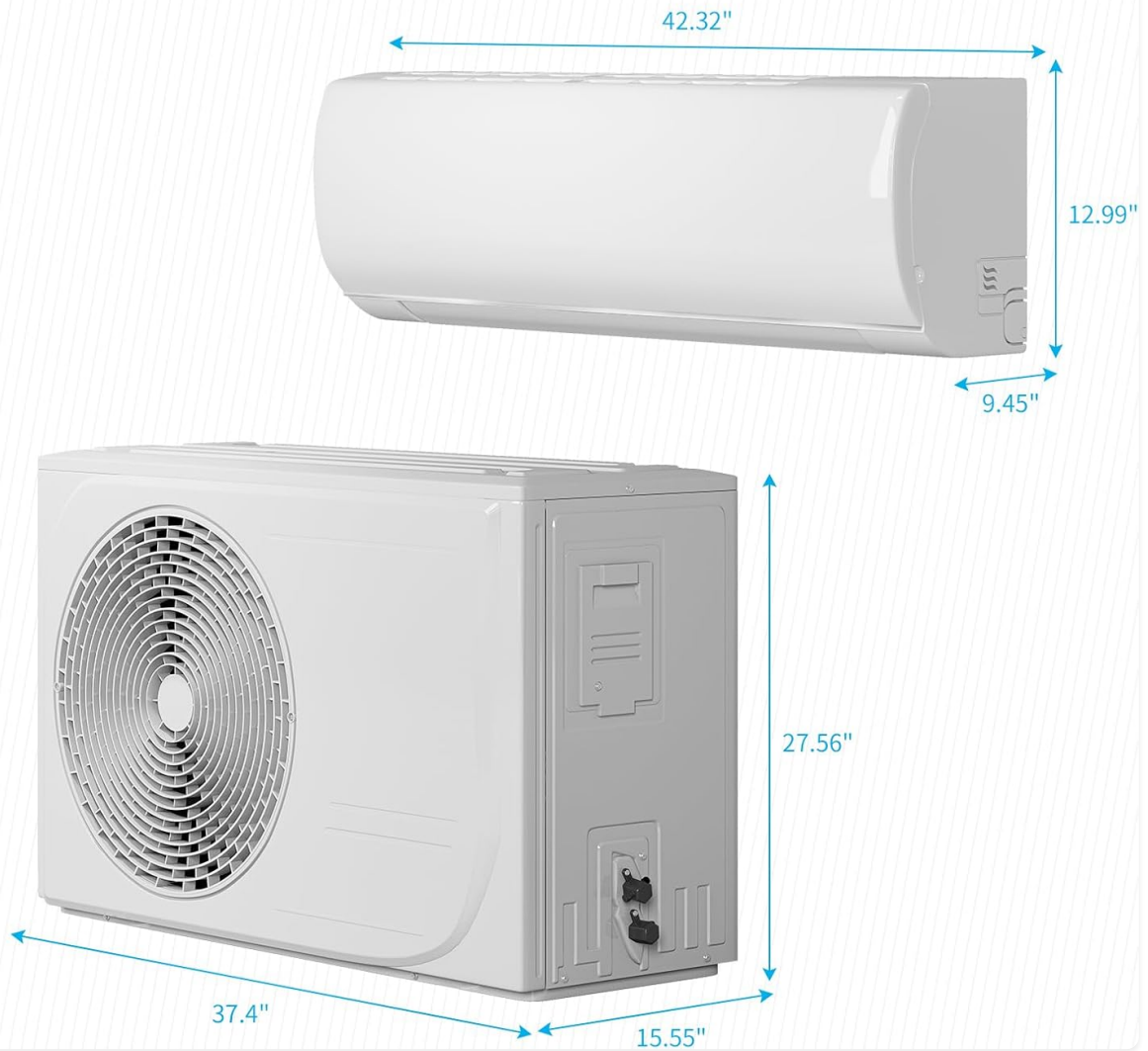


Image 5.1: Remote control layout and descriptions of features such as 24H Timer, Turbo, ECO, Sleep, Smart WIFI, and 4-in-1 Multi-Function modes.

- **MODE Button:** Cycles through Cool, Heat, Dry, and Fan modes.
- **Temperature Adjustment:** Use the Up/Down arrows to set your desired temperature.
- **FAN Speed:** Adjusts the fan speed (Auto, Low, Medium, High).
- **TIMER:** Sets a specific time for the unit to turn on or off.
- **TURBO:** Activates maximum cooling or heating for rapid temperature change.
- **ECO:** Optimizes operation for energy efficiency.
- **SLEEP:** Adjusts temperature and fan speed for comfortable sleep while minimizing noise.

## 5.2 Operating Modes

Use for both cooling and heating



Image 5.2: Visual representation of the four primary operating modes: Cool (cools to as low as 60°F), Heat (heats to as high as 90°F), Dry (dehumidifies), and Fan (increases air circulation).

- **Cool Mode:** Provides cooling to lower room temperature.
- **Heat Mode:** Provides heating to raise room temperature.
- **Dry Mode (Dehumidification):** Removes excess moisture from the air without significant temperature change.
- **Fan Mode:** Circulates air without cooling or heating.

### 5.3 Smart WIFI Control

The unit is WIFI enabled, allowing for remote control and monitoring via a smartphone application. Refer to the separate WIFI setup guide for instructions on connecting your unit to your home network and using the app.

### 5.4 Rapid Temperature Adjustment



Image 5.3: Illustration of the rapid cooling capability (30 seconds) and rapid heating capability (60 seconds) of the Mjkone unit.

The system is designed for quick temperature changes, providing cooling within 30 seconds and heating within 60 seconds to reach your desired comfort level efficiently.

## 5.5 Quiet Operation

## 4-in-1 Multi-Function

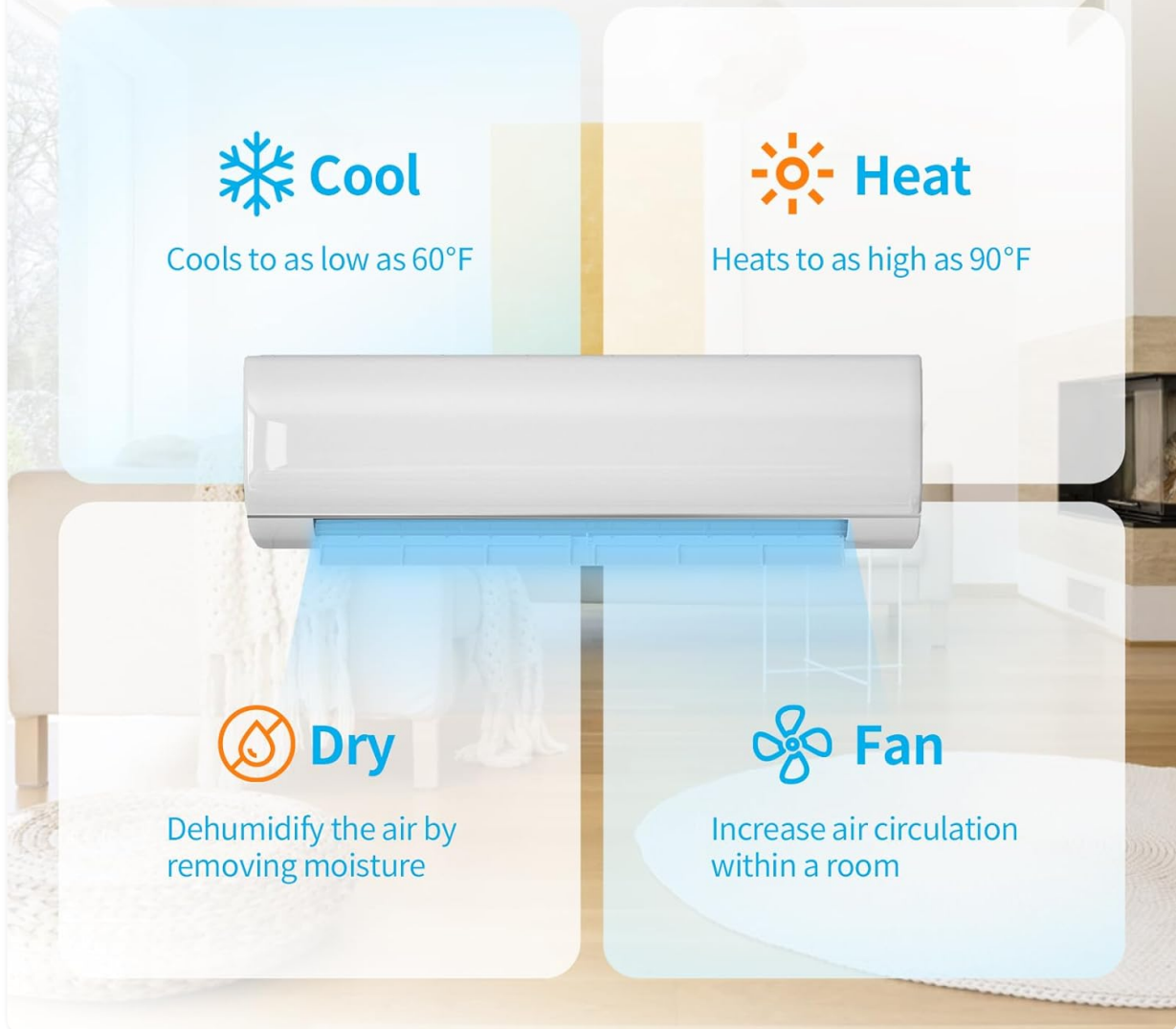


Image 5.4: The unit operates quietly, ensuring a peaceful environment, especially during sleep.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Mjkone Split System Air Conditioner and Heater. Always disconnect power before performing any maintenance.

### 6.1 Air Filter Cleaning

- **Frequency:** Clean air filters every two weeks, or more often if the unit is used frequently or in dusty environments.
- **Procedure:**
  - a. Open the front panel of the indoor unit.
  - b. Remove the air filters.
  - c. Wash filters with lukewarm water and a mild detergent. Rinse thoroughly.
  - d. Allow filters to dry completely in a shaded area before reinstalling.

### 6.2 Outdoor Unit Cleaning

- **Frequency:** Inspect and clean the outdoor unit coils and fins annually, or more frequently if exposed

to debris.

- **Procedure:**

- a. Ensure the power to the outdoor unit is completely off.
- b. Remove any leaves, dirt, or debris from around the unit.
- c. Gently clean the condenser coils and fins with a soft brush or a low-pressure water hose. Avoid bending the fins.

## 6.3 General Care

- Wipe the indoor unit's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Check for any unusual noises or odors during operation. If detected, contact a qualified technician.

## 7. TROUBLESHOOTING

Before contacting customer support, review the following common issues and their potential solutions.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped	Check power connection; Replace remote batteries; Reset circuit breaker
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Doors/windows open; Incorrect mode setting	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Select correct mode
Unusual noise	Loose parts; Obstruction in fan; Unit not level	Inspect for loose parts; Check for obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation	Clear drain pipe; Contact a professional for inspection and re-installation if necessary.

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

## 8. SPECIFICATIONS

Specification	Detail
Brand Name	Mjkone
Model Info	430151110/430152110#MJ
Installation Type	Split System

Specification	Detail
Form Factor	Split
Cooling Power	24000 British Thermal Units (BTU)
Seasonal Energy Efficiency Ratio (SEER)	19
Voltage	230 Volts
Refrigerant	R 410A
Power Source	Corded Electric
Special Features	Remote Controlled, WiFi Enabled
Color	White
Product Dimensions (Indoor Unit)	Approx. 42.32"W x 12.99"H x 9.45"D
Product Dimensions (Outdoor Unit)	Approx. 37.4"W x 27.56"H x 15.55"D
Date First Available	September 3, 2024

## 9. WARRANTY AND SUPPORT

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For warranty information, please refer to the warranty card included with your product or contact Mjkone customer support directly. Keep your purchase receipt as proof of purchase.

For technical assistance, troubleshooting beyond this manual, or to inquire about service, please contact Mjkone customer service through their official channels. Contact information can typically be found on the product packaging or the brand's official website.