

## DAIKIN 4MXM36AVJU9

# Daikin 4-Zone Mini Split Air Conditioner Heat Pump User Manual

Model: 4MXM36AVJU9 | Brand: DAIKIN

## INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Daikin 4-Zone Mini Split Air Conditioner Heat Pump system. The Daikin 4MXM-A Series R32 pre-charged outdoor condenser powers four independently controlled FTXV Series wall-mounted indoor fan coils, offering advanced climate control and energy efficiency. This Wi-Fi-enabled system integrates with the Daikin One Home app for convenient remote management.

## SETUP AND INSTALLATION

**Professional Installation Required:** For optimal performance and to ensure warranty validity, this Daikin Mini Split system must be installed by an HVAC-certified technician. Improper installation can lead to system malfunction, safety hazards, and void the manufacturer's warranty.

### Included Components:

- 1 x 4MXM36AVJU9 Multi-Split 36,000 BTU Heat Pump Air Conditioner Outdoor Condenser
- 4 x FTXV Series Indoor Fan Coils with Remote Controls
- 4 x Maxwell 15 ft Pre-Flared Installation Kits with Interconnecting Cables
- 1 x Maxwell Wall Mounting Bracket for Outdoor Unit

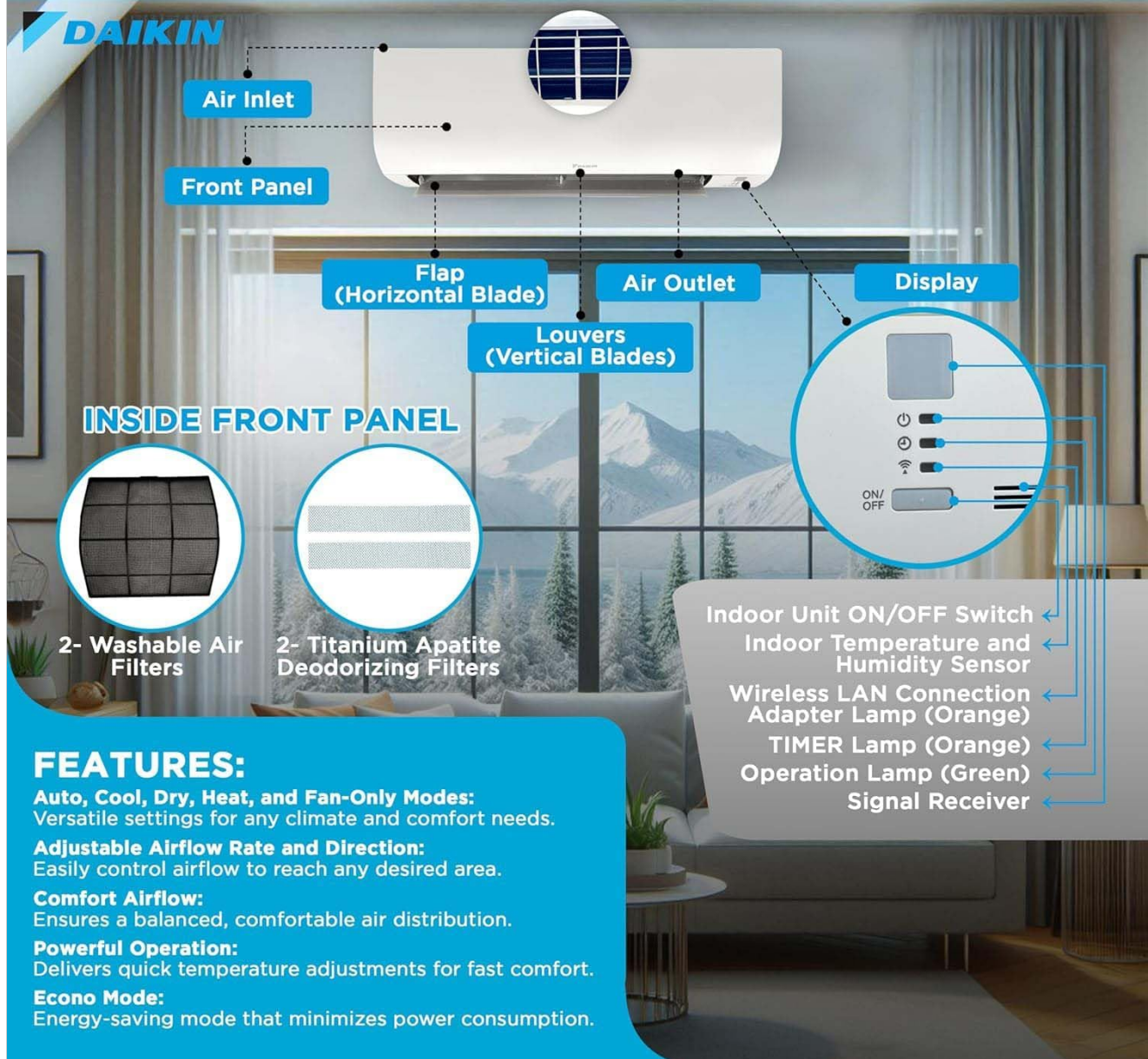
### Outdoor Unit Placement:

Ensure the outdoor unit is placed on a stable, level surface or mounted securely using the provided bracket. Maintain adequate clearance around the unit for proper airflow and maintenance access.

4-ZONE SYSTEM SPECIFICATION	DAIKIN FTXV-MXM MULTI-SPLIT HEAT PUMP SERIES
Energy Efficiency	20 SEER2 / 9.5 HSPF2 / 10 EER2 / 1.8 COP
Power Supply	60 Hz, 208/230V, 1 PHASE
Operational Cooling / Heating Range	14°F - 115°F / 5° - 59.5°F
Rated Capacity - Cooling / Heating	34,200 BTU (12,500 MIN - 37,000 MAX) 34,600 BTU (9,900 MIN - 43,000 MAX)
Max Overcurrent Protection	25 A
Sound Pressure Lowest Level - Indoor / Outdoor	22 / 56 dB(A)
Refrigerant Type	R-32
Pre-Charged Piping Length	UP TO 131.2 Ft
Indoor Units	FTXV09AVJU9 (ROOM A) FTXV09AVJU9 (ROOM B) FTXV09AVJU9 (ROOM C) FTXV12AVJU9 (ROOM D)
Included Line Set Sizes	1/4 x 3/8 - 15 FT (ROOM A) 1/4 x 3/8 - 15 FT (ROOM B) 1/4 x 3/8 - 15 FT (ROOM C) 1/4 x 3/8 - 15 FT (ROOM D)
Outdoor Unit	4MXM36AVJU9 3.0-TON R-32, 4-PORT HEAT PUMP
Piping Connections - Liquid / Gas	1/4 x 4, 3/8 x 1, 1/2 x 2, 5/8 x 1
Warranty	12-YEAR MANUFACTURER WARRANTY
AHRI #	#214837759

This image provides a visual representation of the Daikin 4-Zone system, showing the dimensions of both the outdoor condenser unit and the indoor FTXV fan coil units. It also includes a detailed specification table for the system, outlining energy efficiency ratings, power supply, operational ranges, sound pressure levels, refrigerant type, and piping details.

# FTXV SERIES WALL MOUNT FAN COIL SYSTEM



The outdoor condenser unit features a durable design, including a Blue Fin Anti-Corrosion Treatment on the heat exchanger, which enhances its longevity and performance in various environmental conditions.

## OPERATING INSTRUCTIONS

### Control Modes:

The system offers multiple operating modes for personalized comfort:

- **Auto:** Automatically selects heating or cooling based on the set temperature.
- **Cool:** Provides cooling to lower room temperature.
- **Dry:** Reduces humidity in the room.
- **Heat:** Provides heating to raise room temperature.
- **Fan Only:** Circulates air without heating or cooling.

### Smart Features:

- **Wi-Fi Connectivity:** Connect your system to your home Wi-Fi network.



- **Daikin One Home App:** Control and monitor your system remotely using the Daikin One Home app on your smartphone or tablet.
- **Voice Control:** Compatible with Alexa and Google Home for convenient voice commands.
- **Adjustable Airflow:** Utilize dual airflow and adjustable flaps/louvers to direct air for optimal comfort.
- **ECONO Operation:** An energy-saving mode that minimizes power consumption.
- **Powerful Operation Mode:** Delivers quick temperature adjustments for fast comfort.
- **Quiet Operation:** Designed for minimal noise output.
- **LED Self-Diagnostics:** Provides error codes or indicators for easy troubleshooting.



**3MXM24AVJU9: CONNECTS UP TO 3 INDOOR FAN COILS INDIVIDUALLY CONTROLLED FOR OPTIMAL COMFORT**

**PRE-CHARGED WITH ECO-FRIENDLY R32 REFRIGERANT** FOR UP TO 131- 1/4 FT

**ENERGY EFFICIENT- VARIABLE SPEED INVERTER COMPRESSOR**

**12-YEAR MANUFACTURER WARRANTY**

**BLUE FIN ANTI-CORROSION TREATMENT ON HEAT EXCHANGER**

This diagram illustrates the key components of the FTXV Series indoor unit, including the air inlet, air outlet, adjustable flaps and louvers, and the control display. It also highlights the location of the 2-washable air filters and 2-Titanium Apatite deodorizing filters, essential for air quality and maintenance. The display shows indicators for ON/OFF, indoor temperature/humidity, Wireless LAN, Timer, and Operation.

## MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your Daikin system. Always turn off the power supply

to the unit before performing any maintenance.

Filter Cleaning:

The indoor units are equipped with **2-Washable Air Filters** and **2-Titanium Apatite Deodorizing Filters**. These should be cleaned regularly (e.g., every two weeks or as needed) to maintain air quality and system performance. Refer to the indoor unit diagram in the Operating Instructions section for filter locations.

- Gently remove the filters.
- Wash washable filters with lukewarm water and mild detergent. Rinse thoroughly and allow to air dry completely before reinserting.
- Titanium Apatite Deodorizing Filters can be cleaned by vacuuming or rinsing with water. Replace these filters periodically as recommended by Daikin.

Outdoor Unit Care:

The outdoor condenser unit features a **Blue Fin Anti-Corrosion Treatment** on its heat exchanger, designed for enhanced durability. Keep the area around the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow.

Professional Servicing:

It is recommended to have your system inspected and serviced by a qualified HVAC technician annually to ensure optimal performance and address any potential issues.

TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply, remote control batteries low, circuit breaker tripped.	Check power connection, replace remote batteries, reset circuit breaker.
Insufficient cooling/heating	Dirty air filters, blocked outdoor unit, incorrect mode setting, temperature setting too high/low.	Clean air filters, clear obstructions from outdoor unit, select appropriate mode, adjust temperature.
Unusual noise	Loose parts, foreign objects, normal operating sounds (e.g., refrigerant flow).	Inspect for loose parts, remove foreign objects. If noise persists or is abnormal, contact service.
Water leakage from indoor unit	Clogged drain hose, improper installation.	Check and clear drain hose. For persistent leaks or installation issues, contact a professional.

If the problem persists after attempting these solutions, or if an error code is displayed, please contact a qualified HVAC technician for assistance.

SPECIFICATIONS

Feature	Detail
Brand	DAIKIN

Feature	Detail
Model Info	4MXM36AVJU9 (Outdoor Unit) + FTXV09/09/09/12 (Indoor Units)
Cooling Capacity	34,200 BTU (12,500 BTU Min – 37,000 BTU Max)
Heating Capacity	34,600 BTU (9,900 BTU Min – 43,000 BTU Max)
SEER2 Rating	20
HSPF2 Rating	9.5
EER2 Rating	10
COP	1.8
Refrigerant Type	R-32
Power Supply	1Ph, 60 Hz, 208-230V
Operating Range (Cooling)	14°F to 115°F
Operating Range (Heating)	5°F to 59.9°F
Noise Level (Outdoor)	56 dB(A)
Noise Level (Indoor)	22 dB(A)
Outdoor Unit Dimensions (D x W x H)	1 x 1 x 1 inches (Product Dimensions)
Outdoor Unit Weight	140 pounds
Max Floor Area Coverage	1750 Square Feet
Special Features	3D Airflow, Auto-Changeover, Automatic Defrosting, Dry Program, Intelligent Eye, Quick Warming Function, Quiet Operation

## WARRANTY INFORMATION

This Daikin Mini Split system includes a **12-YEAR MANUFACTURER WARRANTY**. To ensure the validity of this warranty, the system must be installed by an HVAC-certified technician. Please retain your proof of purchase and installation records for warranty claims.

## CUSTOMER SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Daikin customer support or your certified HVAC installer. You can find contact information on the official Daikin website or in the documentation provided with your product.

