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MAXWELL 2MX18AXVJU+CTX09AXVJU+CTX09AXVJU

Daikin 2-Zone CIRRA Series Mini Split Air Conditioner Heat Pump System

Model: 2MX18AXVJU+CTX09AXVJU+CTX09AXVJU

Brand: MAXWELL

1. PRODUCT OVERVIEW

The Daikin 2-Zone CIRRA Series Mini Split Air Conditioner Heat Pump System is designed for multi-room applications, providing individual comfort in a space-saving design. This system allows connection of two wall-mounted indoor units to a single outdoor unit, offering a compact and efficient solution for various spaces. It features advanced technologies for enhanced performance and durability.



Figure 1.1: Complete Daikin 2-Zone Mini Split System, showing two indoor units, one outdoor condenser, two remote controls, two pre-flared line sets, two communication cables, and a wall mounting bracket kit.

Key Features:

- **Eco+ Mode:** For energy-efficient operation.
- **Blue Fin Protection:** Enhanced corrosion resistance for outdoor unit.
- **Simplified Maintenance:** Designed for ease of service.
- **Anti-Corrosion Treatment on Heat Exchanger:** Extends lifespan and maintains performance.
- **Quick Warming Function:** Rapid heating capability.
- **Automatic Defrosting:** Prevents ice buildup on outdoor coil.
- **Reduced Size and Footprint:** Compact outdoor unit for flexible installation.



Figure 1.2: Diagram illustrating the main components included in your system: two wall-mount indoor units, two remote controls, two pre-flared line sets, two communication cables, an outdoor unit bracket, and an R410A pre-charged outdoor condenser.

2. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and longevity of your Daikin Mini Split System. It is highly recommended that installation be performed by a qualified HVAC professional.

Components Included:

- 2 x Indoor Units (9,000 BTU each)
- 1 x Outdoor Condenser
- 2 x 15-ft Installation Kits (pre-flared lines and communication cables)
- 1 x Wall Mounting Bracket



Figure 2.1: The Maxwell 15 ft. installation kit, which includes pre-flared refrigerant lines and electrical communication cables, essential for connecting the indoor and outdoor units.



Figure 2.2: The robust wall mounting bracket and associated hardware, designed to securely support the outdoor condenser unit.

Installation Steps (Summary - Refer to full installation manual for detailed instructions):

- Select Location:** Choose appropriate locations for indoor units (wall-mounted) and the outdoor condenser, ensuring proper airflow and drainage.
- Mount Indoor Units:** Securely attach the mounting plates to the wall and install the indoor units.
- Install Outdoor Condenser:** Mount the outdoor unit using the provided wall bracket or a suitable ground-level pad.
- Connect Refrigerant Lines:** Carefully connect the pre-flared refrigerant lines between the indoor and outdoor units. Ensure proper torque to prevent leaks.
- Electrical Wiring:** Connect the communication cables and power supply according to local electrical codes and the wiring diagram in the detailed manual.
- Vacuum and Charge:** Evacuate the refrigerant lines to remove air and moisture. The system comes pre-charged, but additional refrigerant may be needed depending on line length.
- Test Operation:** Power on the system and test all modes (cooling, heating, fan) to ensure correct operation.

3. OPERATING INSTRUCTIONS

Your Daikin Mini Split System is controlled via the included wireless remote controls, one for each indoor unit. Familiarize yourself with the remote's functions for optimal comfort.





Figure 3.1: The wireless remote control for the Daikin Mini Split indoor unit, featuring buttons for power, temperature adjustment, mode selection (Cool, Heat, Fan), and special functions like Eco+ and Sleep.

Basic Operation:

- **Power On/Off:** Press the **POWER** button to turn the unit on or off.
- **Mode Selection:** Use the **MODE** button to cycle through operating modes: *Cool* (snowflake icon), *Heat* (sun icon), *Fan* (fan icon), and *Dry* (water drop icon).
- **Temperature Adjustment:** Use the **TEMP+** and **TEMP-** buttons to set your desired temperature.
- **Fan Speed:** Press the **FAN** button to adjust fan speed (Auto, Low, Medium, High).
- **Swing Function:** Use the **SWING** button to control the vertical airflow direction.

Advanced Functions:

- **ECO+ Mode:** Activates energy-saving operation.
- **SLEEP Mode:** Adjusts temperature gradually for comfortable sleep and energy savings.
- **TIMER:** Set the unit to turn on or off automatically at a specified time.
- **QUIET Mode:** Reduces fan noise for quieter operation.

4. MAINTENANCE

Regular maintenance ensures efficient and reliable operation of your Daikin Mini Split System. Always disconnect power before performing any maintenance.

Indoor Unit Maintenance:

- **Air Filter Cleaning:** Clean the air filters every 2-4 weeks, or more frequently if the unit is used heavily or in dusty environments. Wash with mild soap and water, then air dry completely before reinstallation.
- **Coil Cleaning:** Periodically inspect and clean the indoor coil. This should ideally be done by a professional to avoid damage.
- **Exterior Cleaning:** Wipe the exterior of the indoor unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

Outdoor Unit Maintenance:

- **Clear Debris:** Ensure the outdoor unit is free from leaves, dirt, and other obstructions that can block airflow.
- **Coil Cleaning:** Clean the outdoor coil with a garden hose to remove accumulated dirt. Avoid high-pressure

sprays.

- **Drainage:** Check that the condensate drain line is clear and not blocked.
- **Professional Inspection:** Schedule annual professional maintenance to check refrigerant levels, electrical connections, and overall system health.

5. TROUBLESHOOTING

This section provides solutions for common issues. For complex problems, contact a qualified technician.

Problem	Possible Cause	Solution
Unit does not turn on	No power; Remote control batteries low; Circuit breaker tripped.	Check power supply; Replace remote batteries; Reset circuit breaker.
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Low refrigerant; Incorrect mode setting.	Clean filters; Clear obstructions; Contact technician for refrigerant check; Verify mode.
Unusual noise	Loose parts; Fan obstruction; Refrigerant flow noise (normal).	Check for loose parts; Remove obstructions; If noise persists, contact technician.
Water leakage from indoor unit	Clogged drain line; Improper installation.	Clear drain line; Contact professional for inspection.

6. SPECIFICATIONS

Detailed technical specifications for the Daikin 2-Zone CIRRA Series Mini Split System.



Figure 6.1: Detailed diagram showing dimensions of both indoor and outdoor units, along with key specifications such as power supply, operating ranges, rated capacity, piping connections, refrigerant type, and pre-charged piping length.

Specification	Value
Brand Name	MAXWELL
Model Info	2MX18AXVJU+CTX09AXVJU+CTX09AXVJU
Item Weight	145 pounds
Product Dimensions	9 x 31 x 11 inches (Indoor Unit)
Efficiency (SEER)	17.0
Capacity	1.5 Tons (Total)
Noise Level	51 dB (Outdoor)

Specification	Value
Installation Type	Split System
Special Features	Anti-Corrosion Treatment, Automatic Defrosting, Eco+ Mode, Quick Warming Function
Voltage	230 Volts
Wattage	5125 watts
Floor Area Coverage	800 Square Feet
Operating Cooling Range	50° - 115°F
Operating Heating Range	5° - 65°F
Heating Seasonal Performance Factor (HSPF)	9.00

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Heat Pump Cooling and Heating Split System

DAIKIN
Model 2MX18AXVJU



▼ This system's efficiency ratings depend on the coil your contractor installs with this unit. The heating efficiency rating varies slightly in different geographic regions. Ask your contractor for details.

Figure 6.2: The official Energy Guide label for the Daikin 2MX18AXVJU model, indicating a Cooling Efficiency Rating (SEER) of 17.00 and a Heating Efficiency Rating (HSPF) of 9.00.

7. WARRANTY AND SUPPORT

Warranty Information:

This Daikin Mini Split System comes with a **10-Year Daikin Manufacturer Warranty**. Please retain your proof of purchase for warranty claims. For specific warranty terms and conditions, refer to the documentation provided with your product or contact Daikin customer service.

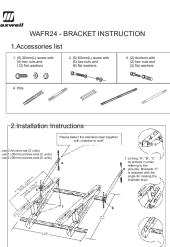
Customer Support:

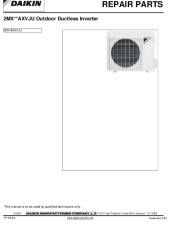
For technical assistance, troubleshooting beyond this manual, or warranty service, please contact MAXWELL customer support. You can typically find contact information on the product packaging, the official MAXWELL website, or through your point of purchase.

When contacting support, please have your product model number (2MX18AXVJU+CTX09AXVJU+CTX09AXVJU) and serial number ready to expedite the process.

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Related Documents - 2MX18AXVJU+CTX09AXVJU+CTX09AXVJU

	<p>Maxwell WAFR24 Bracket Installation Instructions</p> <p>Detailed installation guide for the Maxwell WAFR24 adjustable pitch rooftop mounted bracket, including a list of accessories and step-by-step assembly instructions.</p>
	<p>RC12-HD Vertical Windlass - Installation, Operation, and Maintenance Manual</p> <p>Comprehensive manual for the Maxwell RC12-HD Vertical Windlass, covering installation, operation, maintenance, specifications, troubleshooting, and spare parts. Includes detailed diagrams and wiring schematics.</p>
	<p>MAXWELL MX 25 313 Digital Multimeter User Manual</p> <p>Comprehensive user manual for the MAXWELL MX 25 313 Digital Multimeter, covering features, technical specifications, safety information, and operation instructions for accurate voltage, current, resistance, and more measurements.</p>

	<p>Daikin R410A Split Series Installation Manual</p> <p>This installation manual provides detailed instructions for the Daikin R410A Split Series room air conditioners, covering indoor and outdoor unit installation, wiring, safety precautions, and commissioning.</p>
	<p>Daikin 2MX18AXVJU Outdoor Ductless Inverter Repair Parts Manual</p> <p>Comprehensive parts list and technical information for the Daikin 2MX18AXVJU outdoor ductless inverter air conditioner, including functional parts, expanded model nomenclature, and detailed component descriptions.</p>