



Manuals.plus /

› DAIKIN /

› Daikin 1.5 Ton 5 Star Inverter Split AC User Manual

DAIKIN MTKM50U

Daikin 1.5 Ton 5 Star Inverter Split AC User Manual

Model: MTKM50U

INTRODUCTION

This user manual provides detailed instructions for the safe and efficient operation, installation, and maintenance of your Daikin 1.5 Ton 5 Star Inverter Split AC. Please read this manual thoroughly before using the air conditioner and keep it for future reference.

Your Daikin AC features an Inverter Swing Compressor, PM 2.5 Filter, and Dew Clean Technology, designed for optimal comfort and air quality.

IMPORTANT SAFETY INFORMATION

Always follow basic precautions to reduce the risk of fire, electric shock, or injury to persons or property.

- Ensure the unit is properly grounded.
- Do not operate the AC with wet hands.
- Do not insert objects into the air outlet.
- Keep children away from the unit.
- Only qualified personnel should perform installation or servicing.
- Use only the specified refrigerant (R32).

PRODUCT OVERVIEW

The Daikin 1.5 Ton 5 Star Inverter Split AC (Model MTKM50U) consists of an indoor unit and an outdoor unit, designed for efficient cooling of medium-sized rooms (111 to 150 sq.ft).



Figure 1: Daikin Indoor Unit Front View. This image shows the front of the indoor unit with labels highlighting Comfort, Air Quality, Reliability, and Efficiency features, including Hepta Sense technology.



Figure 2: Daikin Remote Control. The remote control displays temperature, mode, and various function buttons like Power Chill, Econo, Coanda Airflow, and Coil Auto Cleaning.



Figure 3: Daikin Indoor Unit Dimensions. This image illustrates the dimensions of the indoor unit: Height 29.8 cm, Width 88.5 cm, Depth 22.9 cm.



Figure 4: Daikin Outdoor Unit Dimensions. This image shows the dimensions of the outdoor unit: Height 59.5 cm, Width 84.5 cm, Depth 30 cm, highlighting the 100% copper coil.

SETUP AND INSTALLATION

Installation of the Daikin Split AC should only be performed by qualified and authorized service personnel to ensure proper functioning and safety. Incorrect installation can lead to electric shock, fire, or water leakage.

Pre-Installation Checklist:

- 1. Location Selection:** Choose a location for both indoor and outdoor units that allows for optimal airflow, easy maintenance, and minimal noise. Ensure the indoor unit is not exposed to direct sunlight or heat sources.
- 2. Power Supply:** Verify that the power supply meets the unit's requirements (230 Volts, 1325 Watts). A dedicated circuit is recommended.
- 3. Drainage:** Ensure proper drainage for condensate water from the indoor unit.
- 4. Clearance:** Maintain adequate clearance around both units for proper ventilation and service access.

Included Components:

The product package includes:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Remote Controller
- 3 Mtr. Length Inter Connecting Copper Coil Pipe
- 1 Mounting plate
- 2 Accessory Filter
- 2.95 Mtr. Insulation Pipe
- 3.7 Mtr. Connecting cable (wire)
- 2 Tie Rap & 9 fixing screws

For detailed installation steps, refer to the Installation Manual provided via QR code on the manufacturing label.

OPERATING INSTRUCTIONS

Your Daikin AC is designed for user-friendly operation via the included remote control.

Remote Control Functions:

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes: Cool, Dry, Fan.
- **TEMP ▲/▼ Buttons:** Adjusts the desired temperature.
- **FAN Button:** Adjusts fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the vertical airflow direction.
- **POWERCHILL Button:** Activates rapid cooling for quick comfort.
- **ECONO Mode:** Optimizes energy consumption while maintaining comfort.
- **COANDA Airflow:** Directs air upwards for uniform cooling without direct draft.
- **DEW CLEAN Technology:** Initiates an automatic cleaning cycle for the indoor coil to prevent odor and maintain efficiency.
- **TIMER Button:** Sets ON/OFF timers for scheduled operation.

Special Features:

- **Triple Display:** Shows power consumption percentage, set/room temperature, and auto error codes.
- **3D Airflow:** Ensures uniform cooling throughout the room.
- **PM 2.5 Filter:** Filters out fine particulate matter for improved indoor air quality.
- **Ambient Operation:** Capable of cooling effectively even at ambient temperatures up to 54°C.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Daikin AC.

Filter Cleaning:

The PM 2.5 filter and other accessory filters should be cleaned regularly, typically every two weeks or more frequently depending on usage and air quality.

1. Turn off the air conditioner and disconnect power.

2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent. Rinse thoroughly.
5. Allow filters to dry completely in a shaded area before re-installing.
6. Close the front panel.

Coil Cleaning (Dew Clean Technology):

Utilize the built-in Dew Clean Technology function on your remote control to automatically clean the indoor coil, which helps prevent mold and odor buildup.

Professional Servicing:

It is recommended to have your AC professionally serviced at least once a year by an authorized Daikin service technician. This includes checking refrigerant levels, cleaning coils, and inspecting electrical connections.

TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
AC does not turn on.	No power, circuit breaker tripped, remote control batteries dead.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling.	Dirty air filters, blocked outdoor unit, doors/windows open, room too large, low refrigerant.	Clean filters, clear obstructions from outdoor unit, close doors/windows, ensure room size is within capacity, contact service for refrigerant check.
Unusual noise from indoor unit.	Loose parts, fan obstruction, dirty fan blades.	Ensure unit is securely mounted. If noise persists, contact service.
Water leakage from indoor unit.	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service for inspection.
Error code displayed.	System malfunction.	Note the error code and refer to the detailed operational manual (available via QR code) or contact Daikin customer support.

SPECIFICATIONS

Feature	Detail
Brand	DAIKIN
Model	MTKM50U
Capacity	1.5 Tons
Energy Efficiency	5 Star (ISEER 5.2)
Annual Energy Consumption	785.67 Kilowatt Hours Per Year
Noise Level (Indoor Unit)	38 dB (A)
Refrigerant Gas	R32 (Environmental friendly)
Compressor Type	Inverter Swing Compressor
Condenser Coil	Copper with Patented DNNS Self Heal Coating
Special Features	Inverter Compressor, Dry Mode, Self-Diagnosis, Air Purification Filter (PM 2.5), Dehumidifier, Dust Filter, Fast Cooling, Auto Clean, Turbo Cooling, Remote Controlled, Triple Display, 3D Airflow, Coanda Airflow, Stabilizer Inside
Indoor Unit Dimensions (HxWxD)	29.8 x 88.5 x 22.9 cm
Outdoor Unit Dimensions (HxWxD)	59.5 x 84.5 x 30.0 cm
Indoor Unit Weight	11.0 kg
Outdoor Unit Weight	32.5 kg
Country of Origin	India

WARRANTY AND SUPPORT

Daikin provides comprehensive warranty coverage for your air conditioner:

- **Product Warranty:** 1 year on the entire product.
- **PCB Warranty:** 5 years on the Printed Circuit Board.
- **Compressor Warranty:** 10 years on the compressor.

For warranty claims, technical support, or to schedule professional servicing, please contact Daikin customer service. You can find contact details on the warranty card included with your product or by scanning the QR code on the manufacturing label for the soft copy of the warranty card.

Manufacturer: Daikin airconditioning India Pvt. Ltd., 210, 1st Floor, Okhla Industrial Area, Phase 3, Delhi 110020.

