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› Daikin 1.0 Ton 3 Star Inverter Split AC (MTKL35XV16) User Manual

DAIKIN MTKL35XV16

Daikin 1.0 Ton 3 Star Inverter Split AC (MTKL35XV16) User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your Daikin 1.0 Ton 3 Star Inverter Split Air Conditioner, model MTKL35XV16. Please read this manual thoroughly before using the appliance and retain it for future reference. Proper use and maintenance will ensure optimal performance and longevity of your air conditioner.

2. SAFETY INFORMATION

Important Safety Instructions:

- Installation must be performed by qualified service personnel in accordance with national wiring standards and this manual. Improper installation can lead to electric shock, fire, or water leakage.
- Do not attempt to repair, relocate, or modify the air conditioner yourself. Contact authorized service personnel for any repairs or maintenance.
- Ensure the power supply voltage matches the rating plate specifications.
- Do not insert fingers or objects into the air inlet/outlet.
- Keep the remote control out of reach of children.
- If any abnormal operation, smell, or sound occurs, immediately turn off the unit and disconnect the power supply. Contact customer support.

3. PRODUCT OVERVIEW

The Daikin MTKL35XV16 is a 1.0 Ton 3 Star Inverter Split AC designed for efficient cooling. It incorporates advanced features for enhanced comfort and air quality.

Key Features:

- **Inverter Swing Compressor:** Provides high energy efficiency and stable cooling.
- **PM2.5 Filter:** Helps ensure healthy air by filtering out fine particulate matter.
- **Hepta Sense:** Advanced sensing technology for optimized performance.
- **Dew Clean Technology:** Automatically cleans the indoor unit coil.
- **Triple Display:** Shows power consumption percentage, set/room temperature, and auto error codes.
- **3D Airflow:** Ensures uniform cooling throughout the room.
- **Power Chill:** For faster cooling when needed.
- **Patented DNNS Coating:** Applied to the copper condenser coil for low maintenance and enhanced durability.
- **R-32 Refrigerant:** Environmentally friendly with no ozone depletion potential.

Included Components:

Upon unpacking, verify that all the following components are present:

- 1 Indoor Unit
- 1 Outdoor Unit
- 1 Remote Controller
- 3 Meter Length Inter Connecting Copper Coil Pipe
- 1 Mounting Plate
- 2 Accessory Filters
- 2.95 Meter Insulation Pipe
- 3.7 Meter Connecting Cable (wire)
- 2 Tie Wraps
- 9 Fixing Screws



Image 3.1: Daikin Inverter Split AC Indoor Unit. This image shows the main indoor unit of the air conditioner.



Image 3.2: Key features of the Daikin AC, highlighting its ability to cool up to 52°C, PM2.5 filter, and 3D airflow for even distribution.

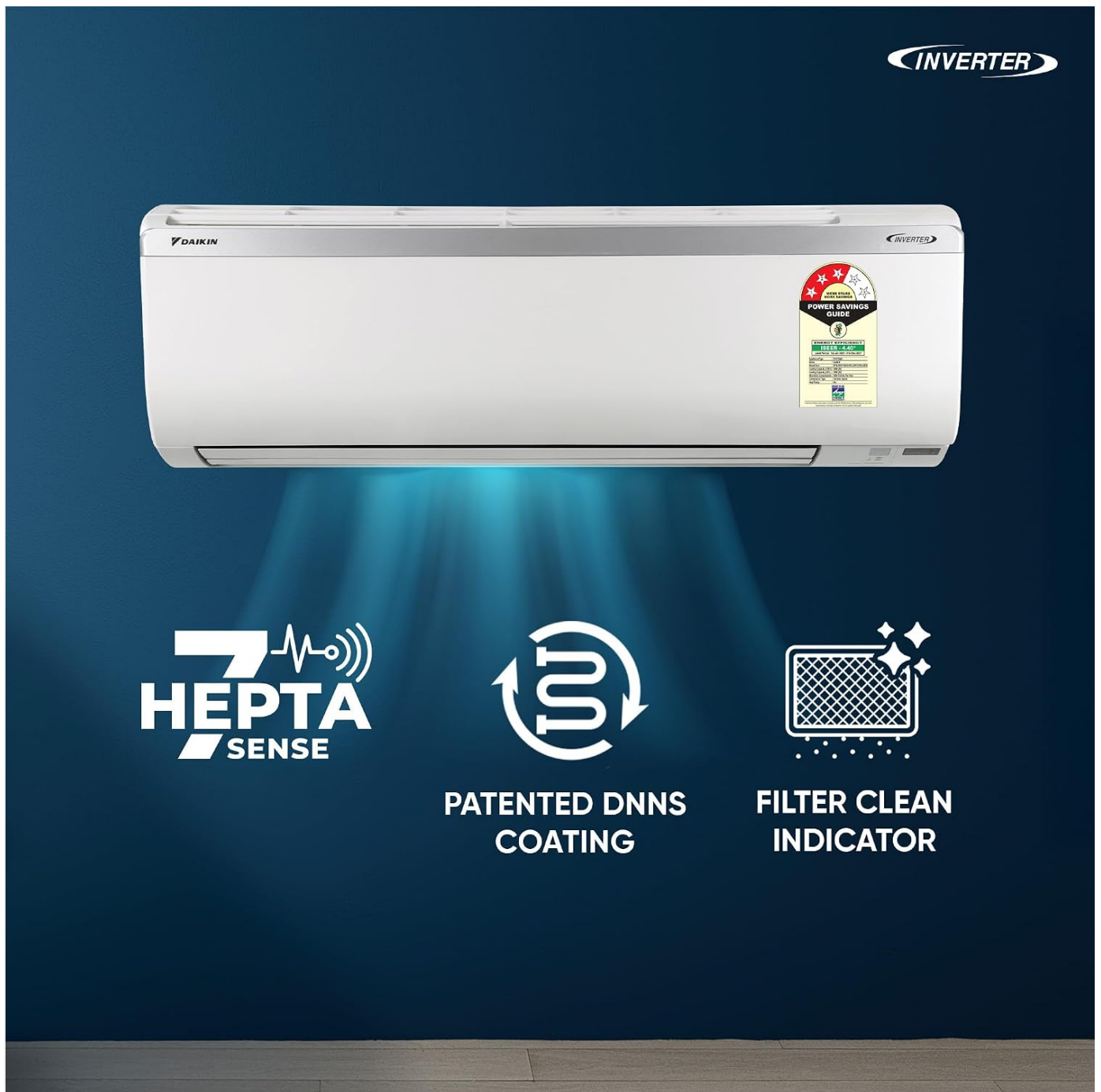


Image 3.3: Additional advanced features including Hepta Sense technology, Patented DNNS Coating for durability, and a Filter Clean Indicator for maintenance reminders.



Image 3.4: The outdoor unit of the Daikin AC, showing its dimensions (Height 55 cm, Width 67.5 cm, Depth 28.4 cm) and features like Hepta Sense, Anti Corrosion Treatment, Stabilizer Inside, and Swing Compressor. It also highlights the 100% Copper Coil.

4. SETUP AND INSTALLATION

The installation of this Daikin Inverter Split AC requires specialized knowledge and tools. To ensure safety and proper functioning, **installation must be carried out by authorized and qualified service technicians only.**

- **Site Selection:** Choose a location that allows for proper airflow, drainage, and easy access for maintenance. Avoid direct sunlight or heat sources.
- **Mounting:** Securely mount the indoor and outdoor units according to the detailed instructions provided in the installation manual.
- **Piping and Wiring:** Connect the refrigerant pipes and electrical wiring between the indoor and outdoor units correctly. Ensure all connections are tight and secure.
- **Drainage:** Ensure proper drainage for condensed water from the indoor unit.
- **Vacuuming and Gas Charging:** Perform vacuuming of the refrigerant lines and charge with R-32 refrigerant as per

specifications.

- **Test Run:** After installation, perform a test run to ensure all functions operate correctly and there are no leaks.

For a comprehensive guide, please scan the QR code on the manufacturing label for the soft copy of the detailed Installation Manual.

5. OPERATING INSTRUCTIONS

Your Daikin AC is operated using the provided wireless remote controller. Familiarize yourself with the remote's functions for optimal use.



Image 5.1: The remote control for the Daikin AC, illustrating various buttons and their functions such as Power Chill, Econo Mode, Filter Clean, Good Sleep/Triple Display, and Dew Clean/Coanda Mode.

Basic Operation:

- **Power ON/OFF:** Press the **ON/OFF** button to start or stop the unit.

- **Mode Selection:** Press the **MODE** button to cycle through available modes (e.g., Cool, Fan).
- **Temperature Adjustment:** Use the **TEMP ▲** and **TEMP ▼** buttons to set your desired temperature.
- **Fan Speed:** Press the **FAN** button to adjust the fan speed.
- **Swing:** Press the **SWING** button to activate or deactivate the louver swing function for even air distribution.

Special Functions:

- **Power Chill:** Activates rapid cooling for quick comfort.
- **Econo Mode:** Reduces power consumption for energy savings.
- **Filter Clean Indicator:** An indicator light on the indoor unit will illuminate to remind you when to clean the air filters.
- **Good Sleep / Triple Display:** Activates a comfortable sleep mode and allows cycling through display options (power consumption, temperature, error codes).
- **Dew Clean / Coanda Mode:** Initiates the Dew Clean function for internal coil cleaning or activates Coanda airflow for enhanced comfort.
- **Timer:** Use the **TIMER** button to set ON/OFF times for automated operation.

6. MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your air conditioner. Always turn off the unit and disconnect the power supply before performing any maintenance.

- **Air Filter Cleaning:** The PM2.5 filter and other air filters should be cleaned regularly (e.g., every two weeks or when the Filter Clean Indicator illuminates). Remove filters, wash with water, dry thoroughly, and reinsert.
- **Dew Clean Technology:** Utilize the Dew Clean function periodically to automatically clean the indoor unit's heat exchanger, preventing mold and odor buildup.
- **Outdoor Unit Cleaning:** Keep the outdoor unit free from obstructions, dust, and debris. Clean the coil fins gently with a soft brush or vacuum cleaner.
- **General Cleaning:** Wipe the indoor unit's surface with a soft, dry cloth. For stubborn stains, use a damp cloth with mild detergent, then wipe dry. Do not use harsh chemicals or abrasive cleaners.
- **Professional Servicing:** It is recommended to have your air conditioner professionally serviced at least once a year to check refrigerant levels, electrical connections, and overall system health.

7. TROUBLESHOOTING

Before contacting customer support, please check the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not start	No power, remote batteries low, timer set.	Check power supply, replace remote batteries, cancel timer.
Insufficient cooling	Dirty air filters, blocked outdoor unit, doors/windows open, temperature setting too high.	Clean air filters, clear obstructions from outdoor unit, close doors/windows, lower temperature setting.
Unusual noise	Loose parts, foreign objects, unit not level.	Turn off and inspect. If noise persists, contact service.

Problem	Possible Cause	Solution
Water leakage from indoor unit	Blocked drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact service.
Error Code Display (e.g., F3)	System malfunction.	Note the error code and contact customer support for diagnosis.

If the problem persists after attempting these solutions, please contact Daikin customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Daikin MTKL35XV16 1.0 Ton 3 Star Inverter Split AC:

- **Model Number:** MTKL35XV16
- **Capacity:** 1.0 Ton
- **Energy Rating:** 3 Star (BEE), ISEER Value 4.40
- **Cooling Power:** 3.52 Kilowatts
- **Refrigerant:** R-32
- **Noise Level (Indoor Unit):** 27 Decibels (A)
- **Indoor Unit Dimensions (D x W x H):** 22.9 x 80.0 x 29.8 Centimeters
- **Outdoor Unit Dimensions (D x W x H):** 28.4 x 67.5 x 55.0 Centimeters
- **Item Weight (Total):** Approximately 31 Kilograms
- **Power Source:** Corded Electric
- **Voltage:** 230 Volts
- **Wattage:** 1105 Watts
- **Annual Energy Consumption:** 619.31 Kilowatt Hours
- **Compressor Type:** Inverter Swing Compressor
- **Filter Type:** PM2.5



Image 8.1: This image displays the indoor unit with its dimensions (Depth 22.9 cm, Height 29.8 cm, Width 80 cm) and highlights the warranty periods: 10 years on compressor, 5 years on PCB, and Dew Clean Technology.



POWER SAVINGS GUIDE



ENERGY EFFICIENCY

ISEER - 4.40*

Label Period : 1st Jan 2026 - 31st Dec 2027

Appliance/Type	: RAC/Split
Brand	: DAIKIN
Model/Year	: MTKL35XV16WAA+RKL35XV16WAA/2026
Cooling Capacity (100%)	: 3520 (W)
Cooling Capacity (50%)	: 1760 (W)
Electricity Consumption	: 619.31 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No

ENERGY IS LIFE



CONSERVE IT

BEE/AAH/02/008/10

*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum.
Actual electricity consumption will depend on how the appliance being used.

Image 8.2: The Power Savings Guide label for the Daikin AC, indicating an ISEER of 4.40 and other energy efficiency details for the MTKL35XV16 model.

9. WARRANTY INFORMATION

Your Daikin 1.0 Ton 3 Star Inverter Split AC (MTKL35XV16) comes with the following warranty coverage:

- **Product Warranty:** 1 year from the date of purchase.
- **PCB (Printed Circuit Board) Warranty:** 5 years from the date of purchase.

- **Compressor Warranty:** 10 years from the date of purchase.

This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damages caused by improper installation, misuse, accidents, unauthorized repairs, or natural disasters. Please retain your purchase receipt and warranty card for any claims. For detailed terms and conditions, refer to the warranty card included with your product or scan the QR code on the manufacturing label.

10. CUSTOMER SUPPORT

For any inquiries, technical assistance, service requests, or warranty claims, please contact Daikin customer support:

- **Manufacturer:** Daikin Airconditioning India Pvt. Ltd.
- **Address:** 210, 1st Floor, Okhla Industrial Area, Phase 3, Delhi 110020, India
- **Website:** www.daikinindia.com
- **Service Hotline:** Refer to your warranty card or Daikin India website for the latest contact numbers.

When contacting support, please have your model number (MTKL35XV16) and purchase details ready.

