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## DAIKIN FTKM50U

# Daikin 1.5 Ton 5 Star Inverter Split AC (Model FTKM50U) Instruction Manual

This manual provides essential information for the safe and efficient operation of your Daikin FTKM50U Inverter Split Air Conditioner. Please read thoroughly before use.

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## 1. INTRODUCTION

The Daikin 1.5 Ton 5 Star Inverter Split AC, Model FTKM50U, is designed to provide efficient and comfortable cooling for medium-sized rooms (111 to 150 sq.ft). Featuring an inverter Swing compressor, Dew Clean technology for healthy air, and R32 environmental-friendly refrigerant, this unit combines advanced technology with user-friendly features. This manual will guide you through its proper use and care.

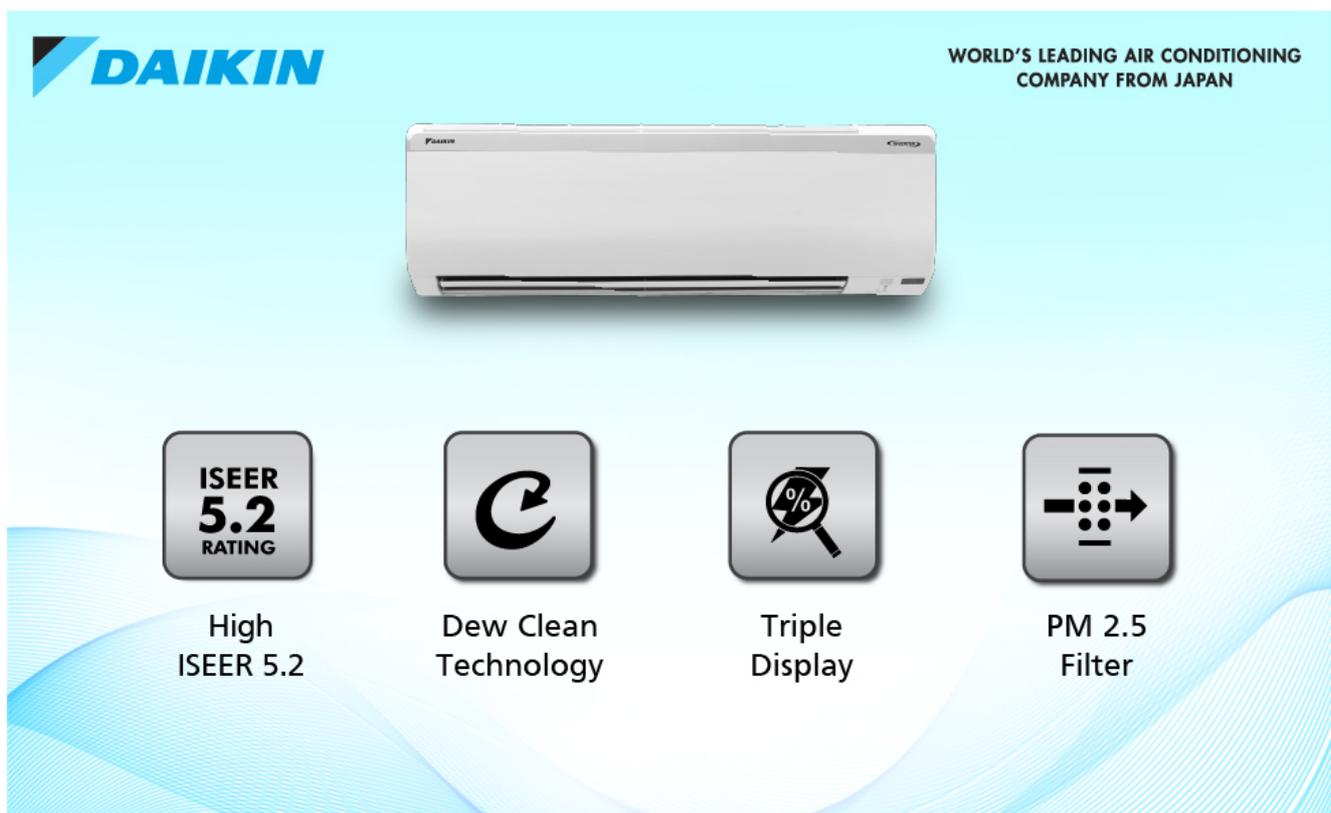


Image 1: Daikin FTKM50U Indoor Unit highlighting Comfort, Air Quality, Reliability, and Efficiency features.

## 2. SAFETY INFORMATION

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Always prioritize safety when installing, operating, or maintaining your air conditioner. Failure to follow these instructions may result in property damage, personal injury, or death.

- **Professional Installation:** Installation and relocation of the unit must be performed by qualified service personnel. Improper installation can lead to water leakage, electric shock, or fire.
- **Electrical Safety:** Ensure the power supply matches the unit's requirements. Do not use damaged power cords or plugs. Never operate the unit with wet hands.
- **Refrigerant Handling:** This unit uses R32 refrigerant. Handling of refrigerant should only be done by certified professionals. Do not attempt to modify or repair the refrigerant circuit yourself.
- **Clearance:** Maintain adequate clearance around both indoor and outdoor units for proper airflow and heat dissipation.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Children and Pets:** Keep children and pets away from the unit, especially during operation and maintenance.

## 3. INCLUDED COMPONENTS

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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

For soft copies of the Operational Manual, Installation Manual, Warranty Card, E-Waste Guideline, and Wiring Diagram, scan the QR code on the manufacturing label.

## 4. SETUP & INSTALLATION

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Installation of this Daikin Split AC requires specialized tools and knowledge. It is strongly recommended that you contact a certified Daikin service technician for professional installation to ensure optimal performance and safety.

### 4.1. Unit Dimensions

Ensure sufficient space is available for both the indoor and outdoor units, considering their dimensions for proper airflow and maintenance access.



Japanese Technology, Made In India



Image 2: Indoor Unit Dimensions (Height: 29.8 cm, Width: 88.5 cm, Depth: 22.9 cm).

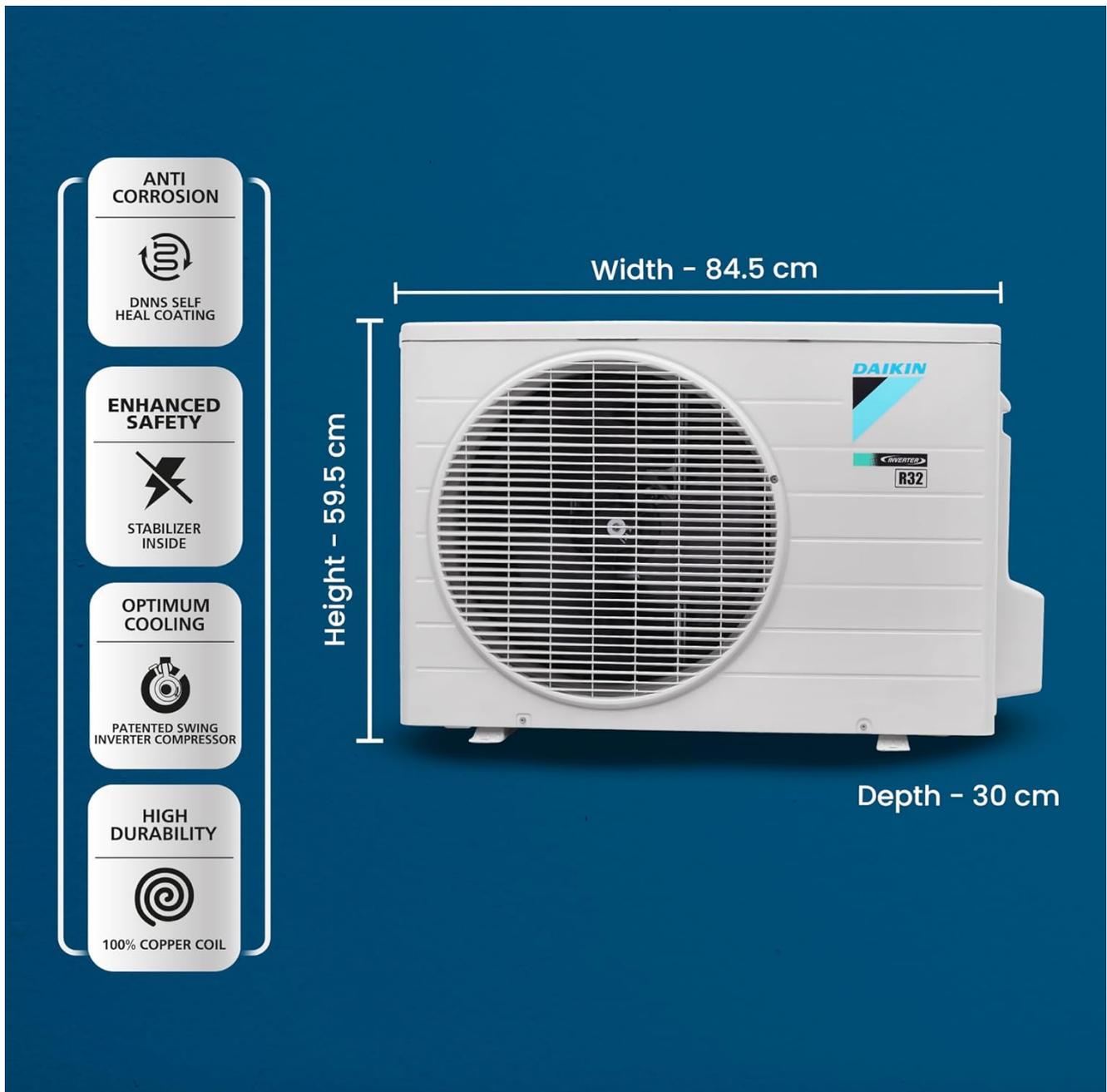


Image 3: Outdoor Unit Dimensions (Height: 59.5 cm, Width: 84.5 cm, Depth: 30 cm).

## 5. OPERATING INSTRUCTIONS

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Your Daikin AC is controlled via a wireless remote. Familiarize yourself with the remote control buttons and their functions for optimal comfort.

### 5.1. Remote Control Overview

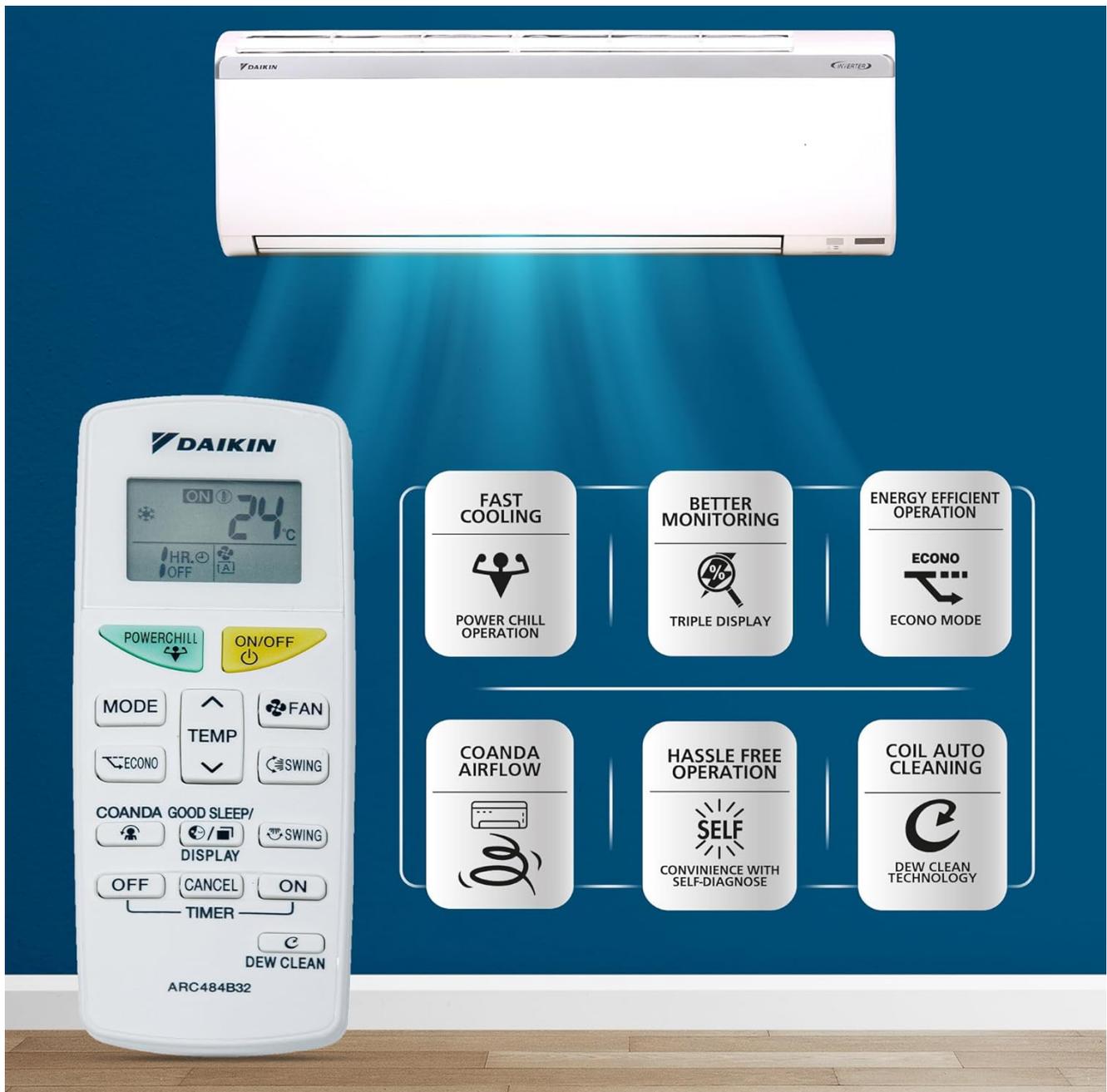


Image 4: Remote Control for Daikin FTQM50U.

## 5.2. Key Operating Modes and Features

- **Power ON/OFF:** Press the **ON/OFF** button to start or stop the unit.
- **Mode Selection:** Use the **MODE** button to cycle through cooling, fan, dry, and auto modes.
- **Temperature Adjustment:** Use the **TEMP ▲/▼** buttons to set your desired temperature.
- **Fan Speed:** Adjust fan speed with the **FAN** button.
- **Swing:** Activate or deactivate the vertical airflow swing with the **SWING** button.
- **Dew Clean Technology:** Press the **DEW CLEAN** button to initiate the indoor unit coil cleaning cycle. This helps ensure healthy air by removing moisture and dust.



Image 5: Illustration of Dew Clean Technology cleaning the indoor unit coil.

- **Triple Display:** The indoor unit features a triple display showing power consumption percentage, set/room temperature, and auto error codes.



Image 6: Triple Display feature showing power consumption, temperature, and error codes.

- **Power Chill Operation:** For rapid cooling, activate the Power Chill mode.
- **Econo Mode:** Use Econo mode to reduce power consumption while maintaining comfortable cooling.
- **Coanda Airflow:** This feature directs air upwards along the ceiling, preventing direct draft and ensuring uniform cooling throughout the room.

### 5.3. Product Feature Overview Video

Video 1: A brief overview demonstrating key features of the Daikin 1.5 Ton 5 Star Inverter Split AC.

## 6. MAINTENANCE

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Regular maintenance ensures the longevity and efficiency of your Daikin AC. Always turn off the power supply before performing any maintenance.

### 6.1. Air Filter Cleaning

Clean the air filters every two weeks or more frequently if the unit is used often or in dusty environments. Clogged filters reduce cooling efficiency and airflow.

- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean filters with a vacuum cleaner or wash them with water and a mild detergent.
- Allow filters to dry completely before reinstalling.

## 6.2. Dew Clean Technology

Utilize the Dew Clean function regularly to automatically clean the indoor unit's coil, preventing mold and bacteria growth and ensuring fresh air.

## 6.3. Outdoor Unit Cleaning

Periodically check the outdoor unit for obstructions like leaves or debris. Ensure the condenser fins are clean for efficient heat exchange. This should ideally be done by a professional.

# 7. TROUBLESHOOTING

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Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not operate	No power, circuit breaker tripped, remote control batteries low.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling	Dirty air filters, blocked outdoor unit, doors/windows open, temperature setting too high.	Clean air filters, clear obstructions, close openings, lower temperature setting.
Unusual noise	Loose parts, foreign objects, unit not level.	Check for loose components, remove foreign objects, ensure unit is level. If noise persists, contact service.
Error code displayed	Internal malfunction.	Note the error code from the Triple Display and contact Daikin service for assistance.

If problems persist after attempting these solutions, please contact Daikin customer support.

# 8. SPECIFICATIONS

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Detailed technical specifications for the Daikin FTKM50U model:

Feature	Detail
Brand	DAIKIN
Model	FTKM50U
Energy Efficiency	5 Star (as per 2025 BEE guidelines)
Capacity	1.5 Tons
Annual Energy Consumption	785.67 Kilowatt Hours Per Year
Noise Level (Indoor Unit)	38 Decibels
Installation Type	Split System
Form Factor	Mini-Split
Special Features	Remote Controlled, 3D Airflow, Dew Clean Technology, Triple Display, Power Chill, Econo Mode

Feature	Detail
Colour	White
Voltage	230 Volts
Wattage	1325 Watts
Refrigerant Gas	R32 (Environmental friendly - no ozone depletion potential)
Condenser Coil	Copper
Material (IDU)	HIPS (High grade plastic)
Material (ODU)	HDZP Steel Sheet
Item Weight	44 kg (Total)
Indoor Unit Dimensions (LxWxH)	88.5 x 22.9 x 29.8 Centimeters
Outdoor Unit Dimensions (LxWxH)	84.5 x 30.0 x 59.5 Centimeters

Note: The 5 Star rating is based on 2025 BEE guidelines. Under the new 2026 BEE guidelines (effective from 1st Jan 2026), this product will be rated one star lower.

**INVERTER**

**POWER SAVINGS GUIDE**

**ENERGY EFFICIENCY**  
**ISEER - 5.20\***  
Label Period : 1st July 2022 - 31st Dec 2024

Appliance/Type	: RAC/Split
Brand	: DAIKIN
Model/Year	: FTKM50UV16U+RKM50UV16U/2023
Cooling Capacity (100%)	: 5280 (W)
Cooling Capacity (50%)	: 2640 (W)
Electricity Consumption	: 785.67 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No

**ENERGY IS LIFE**  
**CONSERVE IT**  
BEE/AH/32/008/10

\*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 7: Energy Savings Guide label for Daikin FTKM50U.

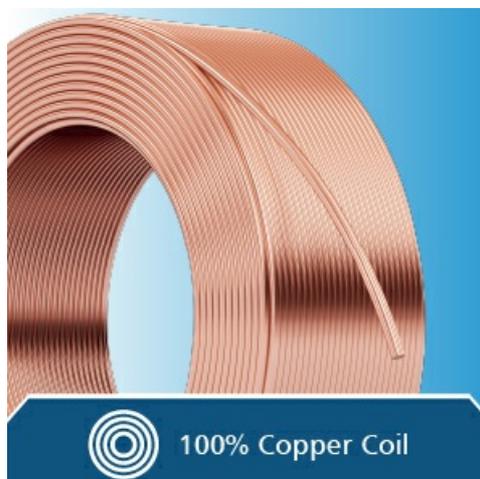


Image 8: 100% Copper Condenser Coil for better cooling and low maintenance.

## 9. WARRANTY & SUPPORT

Daikin provides comprehensive warranty coverage for your peace of mind:

- **Product Warranty:** 1 Year
- **PCB Warranty:** 5 Years
- **Compressor Warranty:** 10 Years

For warranty claims, technical support, or service requests, please refer to the contact information provided in your warranty card or visit the official Daikin India website.