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DAIKIN ATKM50UV16VA

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Daikin 1.5 Ton 5 Star Inverter Split AC

MODEL: ATKM50UV16VA

User Instruction Manual

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1. Product Overview

The Daikin 1.5 Ton 5 Star Inverter Split AC, Model ATKM50UV16VA, is designed for efficient cooling and enhanced comfort. It features a Patented Swing Compressor for high energy efficiency and incorporates advanced technologies such as DNNS Self Heal Coating, PM 1.0 & Apataito Filter, Coanda Airflow, and Hepta Sense. This model also includes a Power Chill function for rapid cooling.

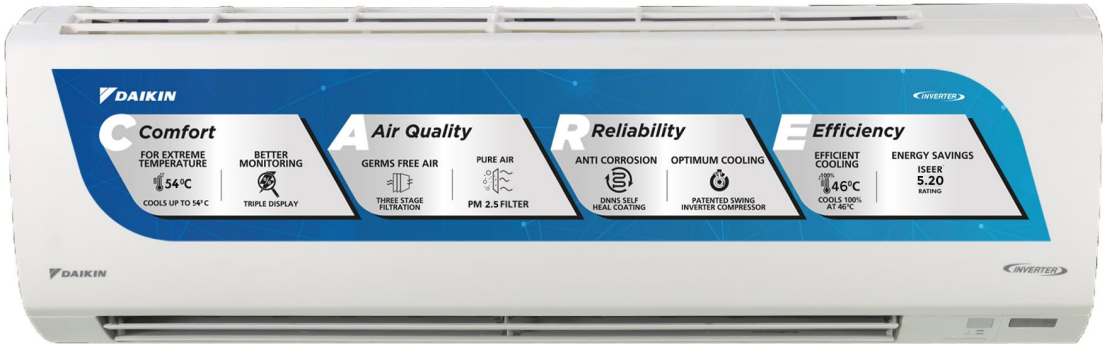


Figure 1: Daikin 1.5 Ton 5 Star Inverter Split AC Indoor Unit

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2. What's in the Box

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

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- 1 x User Manual (this document)
- 1 x Warranty Card
- 3m Copper wire/Interconnecting pipe

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3. Setup and Installation

Installation of the Daikin Split AC requires specialized tools and expertise. It is strongly recommended to have the unit installed by a certified Daikin service technician to ensure proper functioning, safety, and warranty validity. Refer to the separate installation manual provided to the technician for detailed instructions.

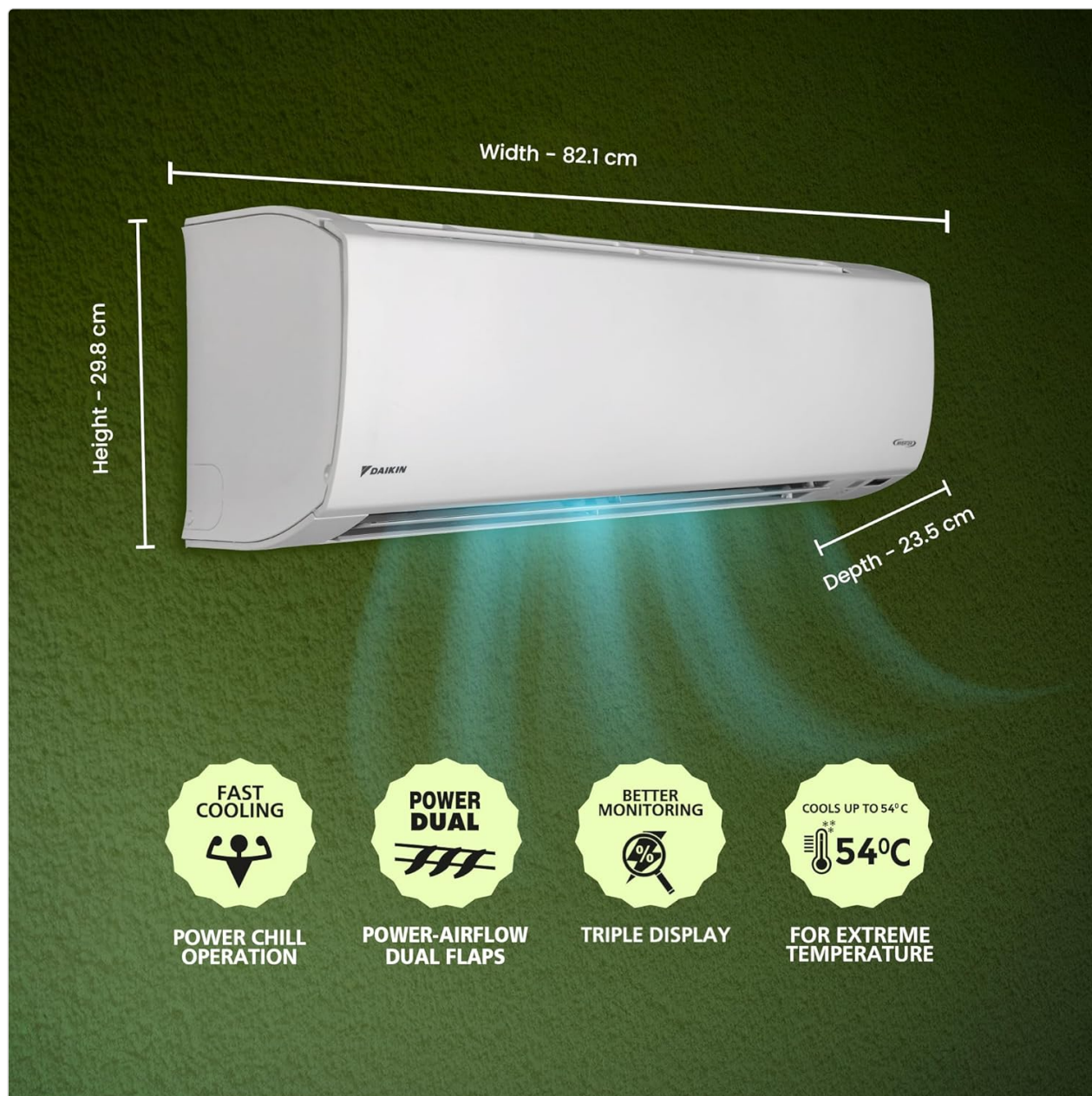


Figure 2: Indoor Unit Dimensions (Width - 82.1 cm, Height - 29.8 cm, Depth - 23.5 cm)

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Figure 3: Outdoor Unit Dimensions (Width - 84.5 cm, Height - 59.5 cm, Depth - 30 cm)

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4. Operating Instructions

The Daikin AC is operated using the provided remote control. Familiarize yourself with the remote's functions for optimal use.



Figure 4: Remote Control and Key Features

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- **Power Chill Operation:** Activates maximum cooling capacity for rapid temperature reduction.
- **Econo Mode:** Optimizes operation to reduce power consumption while maintaining comfort.
- **Coanda Airflow:** Directs air upwards along the ceiling, allowing cool air to circulate evenly without directly blowing on occupants.
- **Hepta Sense:** An intelligent sensing technology that optimizes cooling based on various factors.
- **Triple Display:** Provides real-time information on the indoor unit, such as temperature and operational status.
- **Dew Clean Technology:** Automatically cleans the indoor coil to prevent mold and bacteria growth, ensuring fresh air.

5. Maintenance

Regular maintenance ensures efficient operation and extends the lifespan of your AC unit.

- **Filter Cleaning:** The unit is equipped with a PM 1.0 filter and an Apataito filter. These filters should be cleaned regularly (e.g., every two weeks or as needed) to maintain air quality and cooling efficiency. Refer to the detailed instructions in the full user manual for filter removal and cleaning procedures.
- **Dew Clean Technology:** Utilize the Dew Clean function to automatically clean the indoor coil.
- **Anti-Corrosion Treatment:** The outdoor unit features an anti-corrosion treatment to protect it from environmental elements. Periodically inspect the outdoor unit for any debris or blockages.
- **Professional Servicing:** Schedule annual professional servicing by a Daikin technician to check refrigerant levels, clean coils, and inspect all components.

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6. Troubleshooting

If you encounter issues with your AC, consider the following basic troubleshooting steps before contacting service:

- **No Power:** Check the circuit breaker and ensure the unit is properly plugged in.
- **Insufficient Cooling:** Verify that the temperature setting is appropriate, filters are clean, and there are no obstructions to airflow. Ensure windows and doors are closed.
- **Unusual Noises:** Minor noises during operation are normal. If you hear loud or unusual sounds, turn off the unit and contact a service technician.
- **Remote Control Not Working:** Check the batteries and ensure there are no obstructions between the remote and the indoor unit.

For persistent issues or complex problems, contact Daikin customer support or a certified service technician.

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7. Specifications



Figure 5: Energy Efficiency Guide (ISEER - 5.20)

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Feature	Detail
Brand	DAIKIN
Model Number	ATKM50UV16VA
Capacity	1.5 Tons
Cooling Power	5.28 Kilowatts

Refrigerant	R-32
Filter Type	PM 1.0 Filter, Apataito Filter
Noise Level (Indoor)	32 Decibels
Power Source	Corded Electric
Voltage	285 Volts
Wattage	1360 Watts
Indoor Unit Dimensions (DxWxH)	23.5D x 90.6W x 29.8H Centimeters
Item Weight	43000 Grams
Special Features	3D Airflow, Apataito Filter, DNNS Self Heal Coating, Dew Clean Technology, Hepta Sense

8. Warranty and Support

Your Daikin AC unit comes with the following warranty:

- **Compressor:** 10 Years
- **PCB (Printed Circuit Board):** 5 Years

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For warranty claims, technical support, or service requests, please contact Daikin customer service. Ensure you have your product model number (ATKM50UV16VA) and proof of purchase available.

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Related Documents - ATKM50UV16VA

	Daikin High-Efficiency Light Commercial Rooftop DR Series Mechanical Guide Specifications Detailed mechanical guide specifications for Daikin's High-Efficiency Light Commercial Rooftop DR Series units (3-12.5-ton AC, Gas Electric, and Heat Pump). Covers features, construction, compliance, voltages, warranty, cabinet details, controls, components, and available options.
	Daikin DC6TE Commercial Split System Air Conditioner - Specifications & Data Comprehensive technical specifications, performance data, dimensions, and wiring diagrams for Daikin DC6TE commercial three-phase split system air conditioners (7.5 and 10-ton models).
	Daikin DHC Series Air Conditioner Installation Manual This manual provides detailed installation instructions for Daikin DHC Series light commercial packaged air conditioner units, ranging from 7.5 to 12.5 tons. It covers essential safety guidelines, unit location, rigging, electrical wiring, startup procedures, and maintenance, ensuring proper and safe installation by qualified professionals. Visit www.daikincomfort.com for more information.
	Daikin DBG Commercial Gas/Electric Packaged Rooftop Units (15-25 Tons) Technical specifications and installation overview for Daikin DBG Commercial gas/electric packaged rooftop units, covering 15, 20, and 25-ton models.
	Daikin DSG Series Packaged Gas/Electric Units: 15-25 Ton Installation Guide Comprehensive installation instructions for Daikin DSG Series Packaged Gas/Electric Units (15-25 Ton). Covers safety, electrical, gas, rigging, and operational procedures for commercial HVAC systems.
	Daikin DBC Commercial Packaged Rooftop Unit (15-25 Tons) Specifications Technical specifications, features, and installation information for Daikin DBC Commercial 15-25 Ton packaged rooftop units. Includes details on cooling performance, electrical data, and available accessories.

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DAIKIN ATKM50UV16VA

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