

DAIKIN FTL50U

Daikin FTL50U 1.5 Ton 3 Star Fixed Speed Split AC User Manual

Model: FTL50U

1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions carefully before operating your Daikin FTL50U Split AC. Keep this manual for future reference.

- Ensure the unit is installed by a qualified technician to prevent electric shock, fire, or injury.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not attempt to repair or modify the unit yourself. Contact authorized service personnel.
- Turn off the power supply before cleaning or performing any maintenance.
- Use only the specified refrigerant (R-32).

2. PRODUCT OVERVIEW

The Daikin FTL50U is a 1.5 Ton 3 Star Fixed Speed Split AC designed for efficient cooling in medium-sized rooms. It features a copper condenser coil, PM 2.5 filter, and uses R-32 refrigerant for environmental friendliness.



Image 1: Daikin FTL50U Indoor Unit in a typical room environment, highlighting its sleek design and key features like R-32 refrigerant, PM 2.5 filter, 50°C ambient operation, and power consumption.

Key Features:

- **Fixed Speed Compressor:** Provides consistent cooling performance.
- **1.5 Ton Capacity:** Ideal for rooms sized 111 to 150 sq.ft.
- **3 Star Energy Rating:** Ensures balanced power consumption.
- **100% Copper Condenser Coil:** Enhances heat exchange, durability, and reduces maintenance.
- **PM 2.5 Filter:** Helps in air purification by filtering fine particulate matter.
- **Power Chill Operation:** Delivers rapid cooling when needed.
- **Coanda Airflow:** Circulates air uniformly across the room, preventing hot spots.
- **R-32 Refrigerant:** Environmentally friendly with zero ozone depletion potential.
- **Self-Diagnosis:** Simplifies troubleshooting by indicating error codes.
- **Dry Mode:** Reduces humidity in the room.
- **Econo Mode:** Optimizes power consumption.
- **Stabilizer Free Operation:** Designed to operate within a wide voltage range.

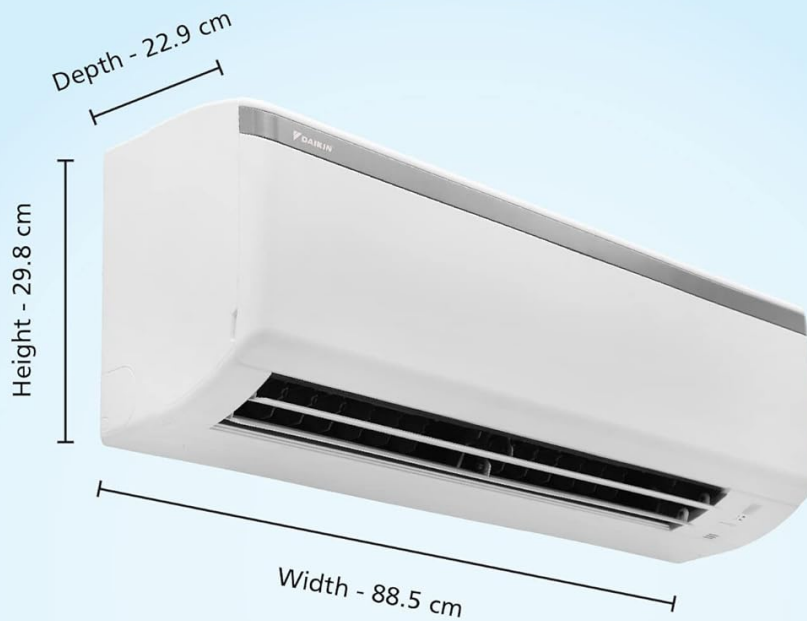
3. INSTALLATION AND SETUP

Professional installation is highly recommended for optimal performance and safety. Refer to the detailed installation manual provided with the product for specific instructions.

Included Components:

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

Unit Dimensions:



Good Sleep
Off Timer



Self Diagnosis



Power Airflow
Dual Flap



Dry Mode
Function



Power Chill
Operation



Coanda
Airflow

Image 2: Indoor Unit Dimensions (22.9D x 88.5W x 29.8H cm)

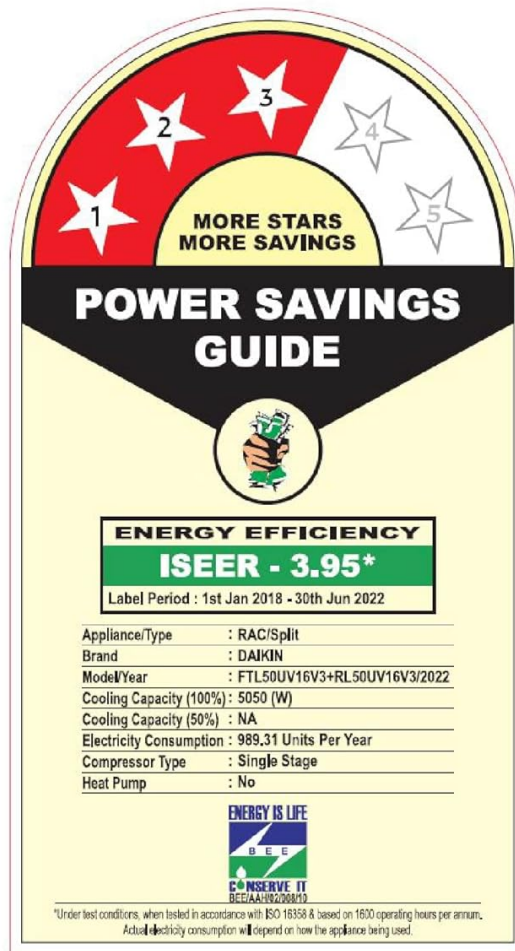


Image 3: Outdoor Unit Dimensions (59.5H x 84.5W x 30.0D cm)

4. OPERATING INSTRUCTIONS

Familiarize yourself with the remote control and various operating modes to maximize your comfort.

Remote Control Overview:



Image 4: Daikin FTL50U Remote Control (Model: ARC484B9)

- **ON/OFF Button:** Powers the unit on or off.
- **MODE Button:** Cycles through operating modes (Cool, Dry, Fan).
- **TEMP ▲/▼ Buttons:** Adjusts the temperature setting.
- **FAN Button:** Adjusts fan speed.
- **SWING Button:** Controls the vertical airflow direction.
- **POWER CHILL Button:** Activates rapid cooling for quick comfort.
- **ECONO Button:** Engages energy-saving operation.
- **DRY MODE Button:** Selects the dehumidification mode.
- **TIMER ON/OFF/CANCEL:** Sets or cancels the on/off timer.

Operating Modes:

- **Cooling Mode:** Use for general cooling. Adjust temperature and fan speed as desired.
- **Power Chill Operation:** Press the 'POWER CHILL' button for quick cooling. This mode rapidly lowers the room temperature.

- **Coanda Airflow:** This feature ensures uniform cooling by directing air upwards along the ceiling, preventing direct drafts and distributing cool air evenly.
- **Dry Mode:** Ideal for humid conditions, this mode reduces moisture in the air without significant temperature drops.
- **Econo Mode:** Activates an energy-saving operation that limits the maximum power consumption, suitable for periods when you want to conserve energy.

Product Feature Video:

Video 1: A brief overview of the Daikin FTL50U Split AC's key features and benefits, including its non-inverter compressor, Power Chill operation, suitability for medium-sized rooms, 3-star energy rating, copper condenser coils, and R32 refrigerant.

5. MAINTENANCE AND CARE

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

PM 2.5 Filter Cleaning:

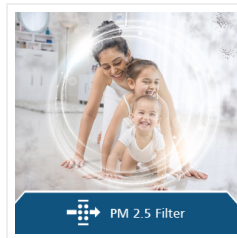


Image 5: PM 2.5 Filter icon, representing the air purification capability.

- The PM 2.5 filter helps remove fine airborne particles.
- Clean the filter regularly (e.g., every two weeks or monthly, depending on usage) to maintain air quality and cooling efficiency.
- Refer to the detailed manual for instructions on how to remove and clean the filter. Typically, filters can be gently vacuumed or washed with water and mild detergent, then air-dried completely before reinstallation.

Copper Condenser Coil:



Image 6: 100% Copper Coil icon, indicating the durable and efficient heat exchanger material.

- The 100% copper condenser coil offers better cooling and requires low maintenance.
- While copper is durable, it's advisable to have the outdoor unit inspected and cleaned by a professional annually to remove accumulated dust and debris, ensuring optimal performance.

Self-Diagnosis Feature:



Image 7: Self-diagnosis icon, indicating the unit's ability to detect and display operational issues.

- The unit is equipped with a self-diagnosis function that displays error codes on the indoor unit or remote control if a malfunction occurs.
- Refer to the troubleshooting section of this manual or the full product manual for a list of error codes and their corresponding solutions.

6. TROUBLESHOOTING

Before contacting service, please check the following common issues:

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries dead; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
Insufficient cooling	Air filter clogged; Temperature setting too high; Doors/windows open; Outdoor unit obstructed.	Clean air filter; Lower temperature; Close doors/windows; Clear obstructions around outdoor unit.
Unusual noise	Loose parts; Fan obstruction; Unit not level.	Check for loose parts; Remove obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Drain pipe clogged or bent; Unit not level.	Check and clear drain pipe; Ensure unit is level.
Remote control not working	Batteries dead or incorrectly inserted; Obstruction between remote and unit.	Replace batteries; Ensure clear line of sight to indoor unit.

If the problem persists after trying these solutions, or if an error code is displayed, please contact Daikin customer support or an authorized service center.

7. SPECIFICATIONS

Detailed technical specifications for the Daikin FTL50U Split AC.

Feature	Specification
Brand	DAIKIN
Model Name	FTL50U
Capacity	1.5 Tons

Feature	Specification
Cooling Power	5.05 Kilowatts
Energy Efficiency (BEE Star Rating)	3 Star
Annual Energy Consumption	989.31 Kilowatt Hours Per Year
Noise Level (Indoor Unit)	38 Decibels
Refrigerant	R-32
Filter Type	PM 2.5
Compressor Type	Rotary Scroll (Non-Inverter)
Core Material	Copper
Voltage	230 Volts
Wattage	1278 Watts
Indoor Unit Dimensions (DxWxH)	22.9D x 88.5W x 29.8H Centimeters
Outdoor Unit Dimensions (DxWxH)	30.0D x 84.5W x 59.5H Centimeters
Item Weight	51500 Grams (Total)
Control Method	Remote Control
Floor Area Suitability	150 Square Feet
Ambient Operation	Up to 50°C

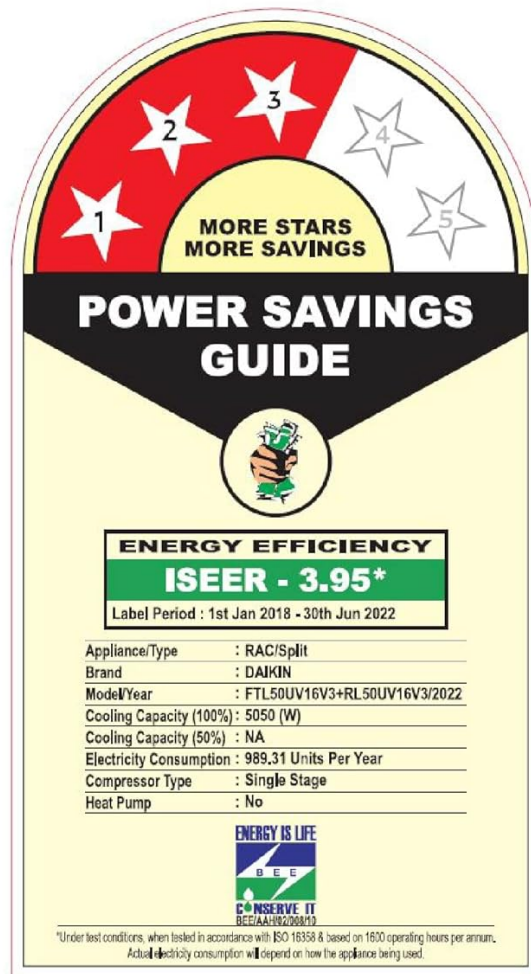


Image 8: Daikin FTL50U Outdoor Unit, illustrating its robust design and rotary compressor.



Image 9: Daikin FTL50U Energy Label, showing the 3-star rating and ISEER of 3.95.

8. WARRANTY AND SUPPORT

Your Daikin FTL50U Split AC comes with comprehensive warranty coverage:

- **1 Year Comprehensive Warranty** on the Product.
- **1 Year Warranty** on the Condenser.
- **5 Years Warranty** on the Compressor.

For service, support, or warranty claims, please contact:

Manufacturer: Daikin Airconditioning India Pvt. Ltd.

Address: 210, 1st Floor, Okhla Industrial Area, Phase 3, Delhi 110020

You can also scan the QR code on the manufacturing label for soft copies of the Operational Manual, Installation Manual, Warranty Card, E-Waste Guideline & Wiring Diagram.

