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> Godrej 1 Ton 3 Star Inverter Split AC (AC 1T EC HIC 12Y3TH CA) User Manual

Godrej AC 1T EC HIC 12Y3TH CA

Godrej 1 Ton 3 Star Inverter Split AC User Manual

Model: AC 1T EC HIC 12Y3TH CA

INTRODUCTION

Thank you for choosing the Godrej 1 Ton 3 Star Inverter Split AC. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your air conditioning unit. Please read it thoroughly before using the appliance and retain it for future reference.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

- **Installation:** Installation must be performed by qualified service personnel in accordance with national wiring standards. Incorrect installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Maintenance:** Disconnect power before cleaning or performing any maintenance. Do not attempt to repair the unit yourself. Contact authorized service personnel.
- **Flammable Refrigerant:** This unit uses R32 refrigerant. Do not puncture or burn the refrigerant circuit.
- **Ventilation:** Ensure proper ventilation in the room.
- **Children:** Keep children away from the unit and remote control.

PRODUCT OVERVIEW AND FEATURES

Your Godrej Inverter Split AC is designed for efficient and comfortable cooling, incorporating several advanced technologies.

Key Features:

- **AI Powered Cooling:** Advanced AI delivers intelligent and efficient cooling for superior comfort.
- **5-in-1 Convertible:** Offers flexible cooling modes from 40% to 110% capacity for customized performance and energy savings.
- **Heavy Duty Cooling at 52°C:** Designed to provide powerful cooling even in extreme summer temperatures up to 52°C.
- **i-Sense Technology:** Intelligent sensors detect room temperature and adjust airflow for precise cooling comfort.
- **Blue Fin Anti-Corrosive Coating:** Protective coating enhances durability and improves the lifespan of the air conditioner.
- **Self Clean Technology:** Prevents moisture buildup and supports hygienic airflow for healthier and long-lasting cooling performance.
- **Pure Air Filter:** Built-in air filter removes dust and odors, delivering cleaner and fresher indoor air.
- **3 Star BEE Rating:** Ensures optimized cooling while reducing electricity consumption with an ISEER of 4.31.
- **R32 Refrigerant:** Utilizes an eco-friendly refrigerant.

Included Components:

The product package includes the following items:

- 1 Indoor Unit (IDU)
- 1 Outdoor Unit (ODU)
- User Guide
- Remote Control
- Connecting Pipes



Image: The Godrej Inverter Split AC, highlighting its AI Powered cooling capability.



Image: Illustration of the 5-in-1 Convertible cooling modes, showing different capacity levels.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and longevity of your air conditioner. It is strongly recommended that installation be carried out by authorized and qualified service technicians.

- **Location:** Choose a location for the indoor unit that allows for even air distribution and easy access for maintenance. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight and obstructions.
- **Mounting:** Ensure both indoor and outdoor units are securely mounted according to manufacturer guidelines.
- **Electrical Connection:** Connect the unit to a dedicated power circuit with appropriate voltage (230 Volts) and wattage (1034 Watts).
- **Refrigerant Piping:** The connecting pipes included with the unit must be properly installed and sealed to prevent refrigerant leakage.
- **Drainage:** Ensure the condensate drain pipe is correctly installed to allow for proper water drainage.

Refer to the detailed installation instructions provided by the service technician or the separate installation manual for specific steps.



Image: Dimensions of the indoor and outdoor units for installation planning.

OPERATING INSTRUCTIONS

Your Godrej AC is operated primarily via the remote control. Familiarize yourself with the remote's functions for optimal use.

Basic Operation:

- **Power On/Off:** Press the power button on the remote to turn the unit on or off.
- **Mode Selection:** Use the mode button to cycle through cooling, fan, dry, and other available modes.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed:** Adjust the fan speed to your preference (Auto, Low, Medium, High).
- **Swing Function:** Activate the swing function for automatic louver movement to distribute air evenly.

Special Features Operation:

- **5-in-1 Convertible Cooling:** This feature allows you to adjust the cooling capacity from 40% to 110% based on your needs. Consult your remote control's specific buttons or the user guide for how to activate and select these modes. This helps in saving energy during milder conditions or boosting cooling when required.
- **AI Powered Cooling:** The AI system automatically optimizes cooling performance based on environmental conditions and user preferences, providing intelligent and efficient comfort. No direct user input is typically required for this feature to function.
- **i-Sense Technology:** The remote control has a built-in sensor that detects the ambient temperature around it. When activated, the AC adjusts its operation to maintain the set temperature at the remote's location, ensuring precise cooling comfort where you are.
- **Heavy Duty Cooling:** The unit is designed to maintain effective cooling even when ambient temperatures reach up to 52°C. This mode typically activates automatically under high heat conditions or can be manually selected if available on the remote.

MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your AC unit. Always disconnect power before performing any maintenance.

Filter Cleaning:

- The **Pure Air Filter** should be cleaned regularly (e.g., every two weeks, depending on usage and air quality).
- Open the front panel of the indoor unit.
- Remove the air filters.
- Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
- Allow filters to dry completely before reinstalling.



Image: Diagram showing the Pure Air Filter inside the indoor unit.

Self Clean Technology:

This feature helps prevent moisture buildup and inhibits microbial growth within the indoor unit. Activate the self-clean function as per your remote control's instructions or allow it to run automatically if programmed.

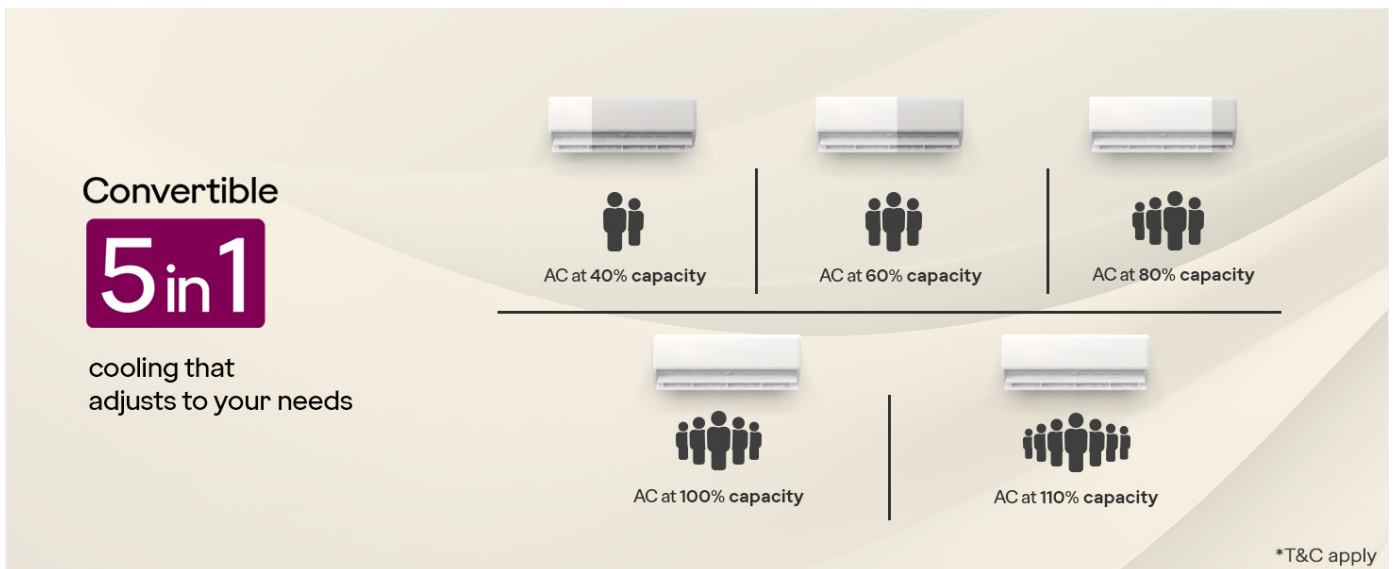


Image: Visual representation of the Self-cleaning technology feature.

Blue Fin Anti-Corrosive Coating:

The Blue Fin coating on the evaporator and condenser coils provides enhanced protection against corrosion, contributing to the unit's durability. While this coating reduces maintenance needs, periodic professional cleaning of the coils is still recommended.



Blue fin anti-corrosive coating

Protects from corrosion & increases coils structural stability.

Image: Close-up of the outdoor unit's coils, illustrating the Blue Fin anti-corrosive coating.

Professional Servicing:

It is advisable to schedule professional servicing at least once a year to ensure thorough cleaning, refrigerant level checks, and overall system inspection.

TROUBLESHOOTING

Before contacting customer support, please refer to the following common issues and their solutions:

Problem	Possible Cause	Solution
AC does not turn on	No power supply; Remote control batteries low; Circuit breaker tripped.	Check power connection; Replace remote batteries; Reset circuit breaker.
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; Obstruction in fan; Unit not level.	Check for loose parts; Remove obstructions; Ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Check and clear drain pipe; Contact service for inspection if installation is suspected.
Remote control not working	Dead batteries; Obstruction between remote and unit; Remote malfunction.	Replace batteries; Remove obstructions; If still not working, contact service for remote replacement.

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

SPECIFICATIONS

Feature	Detail
Brand	Godrej

Feature	Detail
Model Name	AC 1T EC HIC 12Y3TH CA
Capacity	1 Ton
Cooling Power	3.38 Kilowatts
BEE Star Rating	3 Star (ISEER 4.31)
Annual Energy Consumption	607.63 Watts
Product Dimensions (Indoor Unit)	21D x 84.9W x 28.9H Centimeters
Item Weight (Indoor Unit)	10 Kilograms
Noise Level	35 Decibels
Inverter Type	Has Inverter
Installation Type	Split System
Voltage	230 Volts
Wattage	1034 Watts
Refrigerant	R32
Control Method	Remote Control
Country Of Origin	India



Image: Power Savings Guide label indicating BEE 3 Star rating and ISEER value.

WARRANTY AND SUPPORT

Warranty Information:

Your Godrej AC comes with a **5-year comprehensive warranty on the product and a 10-year warranty on the inverter compressor**. This warranty is applicable on purchases from 1st September 2024 (until withdrawn at the sole discretion of

the Company) for individual and retail customers only.

To avail the warranty, you must register on the Godrej Brand website within 30 days from the date of invoice or installation done by a company Authorized Service Provider (ASP). The comprehensive warranty covers gas refill charges, technician visit charges, and remote replacement cost, with no hidden costs (T&C Apply).

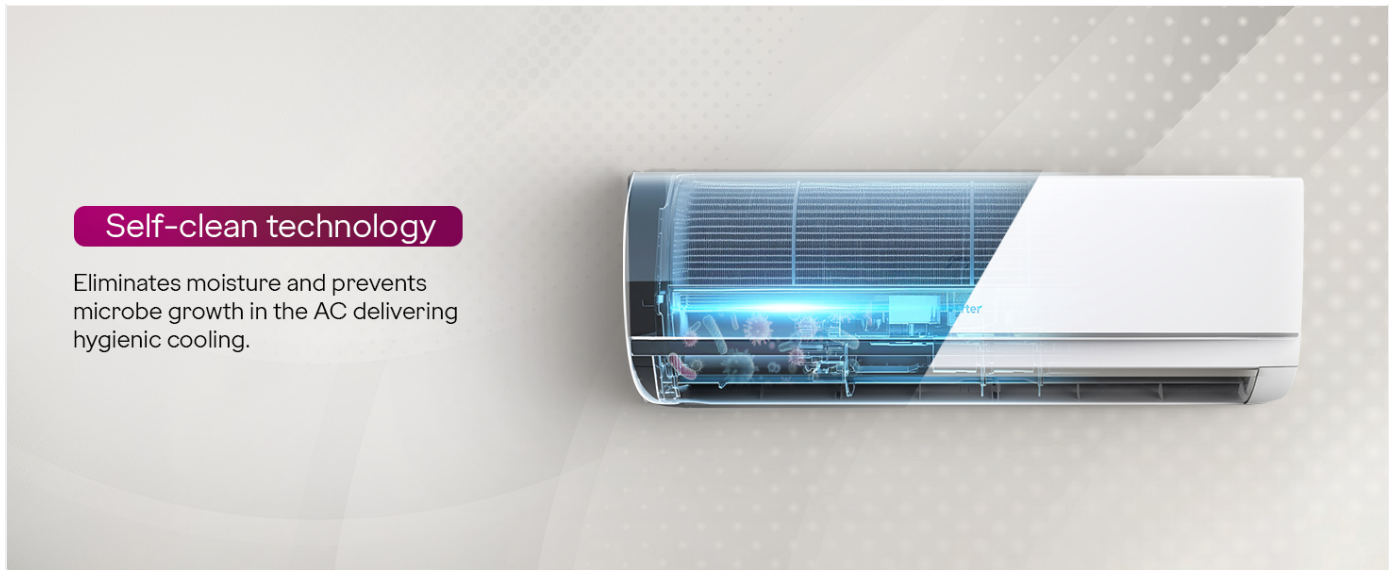


Image: Details of the 5-year comprehensive warranty and 10-year compressor warranty.

Customer Support:

For any queries, assistance, or to register your warranty, please contact Godrej customer support:

- **Telephone:** 080-67436743
- **WhatsApp:** Send 'Hi' to 9321665511
- **Email:** smartcare@godrej.com

Manufacturer: Godrej & Boyce Mfg. Co. Ltd., Pirojshanagar, Vikhroli (W), Mumbai - 400 079, India.

