

## Hisense CA35MR05G, CA35MR05W

# Hisense Inverter EASY SMART Air Conditioner 12000 BTU User Manual

Model: CA35MR05G, CA35MR05W

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## 1. SAFETY INFORMATION

Please read all safety warnings and instructions carefully before installing, operating, or performing maintenance on this air conditioner. Keep this manual for future reference.

- Installation must be performed by qualified personnel in accordance with national wiring standards.
- Ensure the power supply matches the rating plate specifications.
- Do not insert fingers or objects into the air inlet/outlet.
- Do not attempt to repair the unit yourself. Contact authorized service personnel.
- Use only the specified refrigerant (R-32).
- Ensure proper grounding to prevent electric shock.

For detailed installation instructions, refer to the official [Installation Manual \(PDF\)](#).

## 2. SETUP AND INSTALLATION

This Hisense Inverter EASY SMART air conditioner is a split-system unit, requiring both an indoor and an outdoor unit for operation. Professional installation is mandatory.

### 2.1 Components Included

- Indoor Unit (Evaporator)

- Outdoor Unit (Condenser)
- Remote Control
- User Manual (this document)
- Installation Manual (separate document)

## 2.2 Installation Overview

Installation involves mounting the indoor unit, mounting the outdoor unit, connecting refrigerant piping, electrical wiring, and drainage. Due to the complexity and safety requirements, installation should only be performed by certified technicians.



Figure 1: Hisense Inverter EASY SMART Indoor and Outdoor Units. The indoor unit is a sleek white rectangular casing, while the outdoor unit features a large fan grille and Hisense branding.

Key steps include:

1. **Site Selection:** Choose appropriate locations for both indoor and outdoor units, ensuring proper airflow, drainage, and structural support.
2. **Mounting:** Securely mount the indoor unit on a wall and the outdoor unit on a stable surface or wall bracket.
3. **Piping Connection:** Connect the refrigerant lines between the indoor and outdoor units. This requires

specialized tools and knowledge to prevent leaks and ensure system integrity.

4. **Electrical Wiring:** Connect the power supply and communication cables according to the wiring diagram provided in the installation manual.
5. **Drainage:** Install the condensate drain pipe to ensure proper water removal from the indoor unit.
6. **Vacuuming and Refrigerant Charging:** Evacuate the system to remove air and moisture, then charge with the correct amount of R-32 refrigerant.
7. **Test Run:** Perform a test run to verify proper operation and check for any issues.

For detailed instructions, please refer to the dedicated [Installation Manual \(PDF\)](#).

### 3. OPERATING INSTRUCTIONS

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Your Hisense Inverter EASY SMART air conditioner is controlled via the included remote control. Ensure the remote has fresh batteries and is pointed towards the indoor unit.

#### 3.1 Remote Control Overview



Figure 2: Hisense Inverter EASY SMART Indoor Unit. The unit features a clean white design with a central digital display showing the set temperature.

The remote control allows you to adjust various settings:

- **POWER Button:** Turns the unit ON or OFF.
- **MODE Button:** Cycles through operating modes: Auto, Cool, Dry, Fan, Heat.
- **TEMP ▲/▼ Buttons:** Adjusts the desired temperature.
- **FAN Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **SWING Button:** Controls the vertical louver movement for air direction.
- **TIMER Button:** Sets the ON/OFF timer.
- **SLEEP Button:** Activates sleep mode for quiet operation and energy saving during sleep.
- **SMART/AI Button:** Automatically adjusts settings for optimal comfort and energy efficiency.
- **Wi-Fi Button:** Activates or deactivates the Wi-Fi function (if optional module is installed).

## 3.2 Operating Modes

Mode	Description
<b>AUTO</b>	The unit automatically selects cooling, heating, or fan-only operation based on the room temperature.
<b>COOL</b>	Cools the room to the set temperature. Ideal for hot weather.
<b>DRY</b>	Dehumidifies the room while slightly cooling it. Useful in humid conditions.
<b>FAN</b>	Circulates air without cooling or heating.
<b>HEAT</b>	Heats the room to the set temperature. Ideal for cold weather.

## 3.3 Wi-Fi Function (Optional)

If your unit is equipped with the optional Wi-Fi module, you can control it remotely using the Hisense ConnectLife app on your smartphone. Refer to the separate Wi-Fi setup guide for detailed instructions on connecting your unit to your home network.

## 4. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. Always disconnect power before performing any maintenance.

### 4.1 Air Filter Cleaning (Every 2 Weeks)

The air filters in the indoor unit should be cleaned regularly to maintain air quality and efficiency.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters with a vacuum cleaner or wash them with lukewarm water (below 40°C).
4. Allow the filters to dry completely in a shaded area before reinstalling.
5. Close the front panel.



Figure 3: Hisense Inverter EASY SMART Indoor Unit with its front panel slightly open, revealing the air filters inside.

## 4.2 Outdoor Unit Cleaning (Annually)

The outdoor unit's coil and fan blades can accumulate dirt and debris, reducing efficiency. This cleaning should ideally be performed by a professional technician.

- Ensure the power supply to the outdoor unit is disconnected.
- Carefully remove any leaves, dust, or obstructions from the coil fins and fan blades.
- Do not bend the fins. If they are bent, gently straighten them.

## 4.3 Seasonal Checks

- **Before Summer:** Check for any blockages in the outdoor unit, ensure the drain pipe is clear, and clean air filters.
- **Before Winter:** Ensure the unit is clean and consider a professional check-up if using for heating.

## 5. TROUBLESHOOTING

Before contacting service, review the following common issues and solutions.

Problem	Possible Cause	Solution
Unit does not start	No power; Batteries in remote are dead; Circuit breaker tripped.	Check power supply; Replace remote batteries; Reset circuit breaker.
Insufficient cooling/heating	Dirty air filters; Blocked outdoor unit; Doors/windows open; Temperature setting incorrect.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Adjust temperature setting.
Noisy operation	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	Clogged drain pipe; Improper installation.	Clear drain pipe; Contact installer for inspection.
Remote control not working	Dead batteries; Obstruction between remote and unit; Remote malfunction.	Replace batteries; Remove obstruction; Try another remote if available or contact service.

If the problem persists after attempting these solutions, please contact Hisense customer support or a qualified service technician.

## 6. TECHNICAL SPECIFICATIONS

Feature	Detail
Brand	Hisense
Model Numbers	CA35MR05G, CA35MR05W
Type	Split System Inverter Air Conditioner
Capacity	12000 BTU (1 Ton)
Refrigerant	R-32
Voltage	240 Volt
Power (Cooling)	3516.85 Watts (approx. 12000 BTU)
Energy Efficiency (SEER)	16
Energy Class	A++/A+
Indoor Unit Dimensions (L x H x D)	790 mm x 255 mm x 200 mm
Indoor Unit Weight	7.1 kg
Outdoor Unit Dimensions (L x H x D)	780 mm x 540 mm x 260 mm
Outdoor Unit Weight	25.0 kg
Control Method	Remote Control, Wi-Fi (Optional)
Filter Type	Pre-filter
Special Features	Inverter Technology, Wi-Fi Connectivity (Optional)

## 7. WARRANTY INFORMATION

This Hisense air conditioner comes with a **Limited Warranty**. The specific terms and duration of the warranty may vary by region and retailer. Please retain your proof of purchase for warranty claims.

The warranty typically covers manufacturing defects and malfunctions under normal use. It generally does not cover damage caused by improper installation, misuse, lack of maintenance, or unauthorized repairs.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official Hisense website for your region.

## 8. CUSTOMER SUPPORT

If you require assistance with installation, operation, maintenance, or troubleshooting that is not covered in this manual, please contact Hisense customer support.

- **Hisense Official Website:** Visit [www.hisense.com](http://www.hisense.com) for product information, FAQs, and support contact details specific to your region.
- **Authorized Service Centers:** For repairs and technical assistance, contact an authorized Hisense service center.

When contacting support, please have your model number (CA35MR05G, CA35MR05W) and serial number ready.

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This manual is for informational purposes only. Specifications are subject to change without notice.