

## Haier HSU24HD-AOW5BN-INV

# Haier 2 Ton 3 Star HEXA Inverter Split AC User Manual

Model: HSU24HD-AOW5BN-INV

## 1. INTRODUCTION

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This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Haier 2 Ton 3 Star HEXA Inverter Split AC. Please read this manual thoroughly before using the air conditioner and retain it for future reference.

## 2. SAFETY INFORMATION

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Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury.

- Ensure the unit is installed by a qualified technician.
- Do not operate the unit with wet hands.
- Do not insert objects into the air outlet or inlet.
- Keep children away from the unit.
- Turn off the power supply before cleaning or maintenance.
- Use only the specified refrigerant (R32).

## 3. PRODUCT OVERVIEW

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### 3.1 Components

Your Haier Split AC package includes the following main components:

- Indoor Unit
- Outdoor Unit
- Remote Control
- 3m Copper Tube with Insulation
- 3.5m Power Cord

### 3.2 Key Features

This air conditioner is equipped with advanced features for enhanced performance and user comfort:

- **HEXA Inverter Technology:** Provides efficient and stable cooling performance.
- **7-in-1 Intelli Convertible Modes:** Allows flexible capacity control from 40% to 110% to save energy.
- **Frost Self Clean:** Automatically cleans the indoor unit coil in 21 minutes, removing dust and bacteria.
- **Supersonic Cooling:** Achieves rapid cooling in approximately 10 seconds.
- **Hyper PCB:** Designed for stabilizer-free operation and protection against power surges.
- **Super Anti-Corrosion:** Features plastic grill and aluminum coatings for enhanced durability.
- **HD Filter:** Super Micro Anti Bacterial Filter for improved air quality.
- **R32 Refrigerant:** Environmentally friendly with low global warming potential.
- **Low Noise Operation:** Operates quietly, especially in Quiet Mode (34 dB).
- **2-Way Air Swing:** Ensures uniform air distribution.



Image: Haier 2 Ton 3 Star HEXA Inverter Split AC, showing both indoor and outdoor units.

## 4. SETUP (INSTALLATION)

Installation of the Haier Split AC requires specialized tools and knowledge. It is mandatory to have the unit installed by

Haier or authorized service centers to ensure proper functioning and warranty validity.

#### 4.1 Pre-Installation Check

- Verify that the installation site meets the required space and electrical specifications.
- Ensure all components listed in Section 3.1 are present.

#### 4.2 Professional Installation

Contact Haier customer service to schedule professional installation. The installation process typically involves:

1. Mounting the indoor unit securely on a wall.
2. Installing the outdoor unit on a stable surface, ensuring proper ventilation.
3. Connecting the copper refrigerant tubes and electrical wiring between the indoor and outdoor units.
4. Performing vacuuming and refrigerant charging (if necessary).
5. Testing the unit for proper operation.



Image: Indoor and outdoor unit dimensions, along with the remote control, illustrating physical specifications for installation planning.

## 5. OPERATING INSTRUCTIONS

### 5.1 Remote Control Functions

The remote control allows you to manage all functions of your AC. Point the remote control towards the indoor unit when operating.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through cooling, fan, dry, and heat (if applicable) modes.
- **Temperature Buttons (▲/▼):** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Auto, Low, Medium, High).
- **Swing Button:** Activates/deactivates the vertical air swing.
- **ECO Mode:** Optimizes energy consumption for economical operation.
- **Turbo Mode:** Provides maximum cooling power for rapid temperature reduction.
- **Quiet Mode:** Reduces fan speed and compressor noise for silent operation.
- **Dark Mode:** Turns off the display lights on the indoor unit for undisturbed sleep.
- **Sleep Mode:** Automatically adjusts temperature and fan speed for comfortable sleep.

### 5.2 7-in-1 Intelli Convertible Modes

This feature allows you to adjust the AC's cooling capacity based on your needs, leading to energy savings.



Image: Visual representation of the 7-in-1 Intelli Convertible Modes, including Intelli Adjust, Super Expandable, Summer Comfort, Monsoon Comfort, Child Comfort, Winter Comfort, and Sleep Comfort.

To activate and cycle through these modes, refer to your remote control's specific button (often labeled 'Convertible' or 'Mode'). The modes include:

- **Intelli Adjust:** Automatically adjusts capacity.
- **Super Expandable:** Boosts cooling capacity beyond 100%.
- **Summer Comfort:** Optimized for typical summer conditions.
- **Monsoon Comfort:** Manages humidity during rainy seasons.
- **Child Comfort:** Gentle cooling for children's rooms.
- **Winter Comfort:** Provides heating (if applicable) or mild cooling.
- **Sleep Comfort:** Gradual temperature adjustment for sleep.

### 5.3 Supersonic Cooling

For rapid cooling, activate the Supersonic Cooling feature. This mode quickly lowers the room temperature, providing comfort in approximately 10 seconds.



Image: Illustration of Supersonic Cooling, highlighting the rapid 10-second cooling capability.

## 5.4 Cooling at High Ambient Temperatures

Your Haier AC is designed to provide efficient cooling even when outdoor temperatures reach up to 60°C.



Image: Scene depicting the AC operating effectively in a high ambient temperature environment, indicating its ability to cool at 60°C.

## 6. MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

### 6.1 Frost Self Clean Function

The Frost Self Clean feature performs a complete wet wash of the indoor unit's evaporator coil. This process takes approximately 21 minutes and helps remove accumulated dust, mold, and bacteria, ensuring 99.9% clean air and preventing odors.



Image: Before and after comparison of the indoor unit coil, demonstrating the effectiveness of the Frost Self Clean function in removing dirt and frost.

To activate, press the 'Self Clean' button on your remote control (if available) or refer to the remote control manual for specific instructions.

## 6.2 Cleaning the HD Filter

The Super Micro Anti Bacterial Filter should be cleaned regularly to maintain air quality and cooling efficiency.



Image: Hands removing or inserting the Super Micro Anti Bacterial Filter from the indoor unit for cleaning.

1. Turn off the AC and disconnect power.
2. Open the front panel of the indoor unit.
3. Carefully remove the air filters.
4. Clean the filters with a vacuum cleaner or wash them with lukewarm water and mild detergent.
5. Allow filters to dry completely before reinserting.
6. Close the front panel and restore power.

## 6.3 General Cleaning

- Wipe the indoor and outdoor unit surfaces with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris and obstructions.

## 7. TROUBLESHOOTING

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Before contacting customer service, refer to the following common issues and 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; Doors/windows open; Temperature setting too high; Outdoor unit obstructed.	Clean air filters; Close doors/windows; Lower temperature setting; Clear obstructions around outdoor unit.
Unusual noise	Loose parts; Unit not level; Debris in fan.	Contact service technician; Ensure unit is level; Check for and remove debris.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Contact service technician for inspection and repair.

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

## 8. SPECIFICATIONS

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Feature	Detail
Brand	Haier
Model Number	HSU24HD-AOW5BN-INV
Capacity	2 Tons
Cooling Power	6300 Watts (21500 BTU)
Energy Rating	3 Star (ISEER: 3.90)
Annual Energy Consumption	2000 KWH
Refrigerant	R-32
Condenser Coil	100% Copper
Noise Level (Indoor)	47 dB (Normal Mode), 34 dB (Quiet Mode)
Air Circulation	1350 CFM
Max Air Throw	20 meters
Indoor Unit Dimensions (D x W x H)	23 x 1000 x 29.5 cm

Feature	Detail
Outdoor Unit Dimensions (D x W x H)	30.1 x 81 x 59.4 cm
Item Weight	26 Kilograms
Special Features	Anti Bacterial Filter, Auto Clean, Dehumidifier, Fast Cooling, Silent Mode, 7 in 1 Intelli Convertible, Frost Self Clean, Supersonic Cooling, HEXA Inverter, Hyper PCB, Super Anti-Corrosion

## 9. WARRANTY AND SUPPORT

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### 9.1 Warranty Information

Your Haier AC comes with the following warranty:

- **Product Warranty:** 5 years on the entire inverter air conditioner.
- **Compressor Warranty:** 12 years on the compressor (includes 1-year standard warranty + 4-year promotional warranty activated post-installation).

**Important:** Installation by Haier/authorized centers and 2 maintenance services (paid) yearly are mandatory to avail the full warranty. Terms and conditions apply; warranty excludes gas, plastic parts, and technician visit charges. To claim warranty, retain your Amazon invoice as proof of purchase. The user manual can also be accessed from the official Haier website.

### 9.2 Customer Support

For any queries, service requests, or troubleshooting assistance, please contact Haier customer support:

- **Manufacturer:** Haier Appliances India Pvt Ltd
- **Address:** Plot No. H-6, DMIC Integrated Industrial Township, Greater Noida, Uttar Pradesh - 201308
- Refer to your warranty card or Haier's official website for contact numbers and email support.