Haier HSU18K-PYSC4BN-INV

Haier 1.5 Ton 4 Star Triple Inverter Split AC (Model: HSU18K-PYSC4BN-INV) User Manual

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Haier 1.5 Ton 4 Star Triple Inverter Split AC, model HSU18K-PYSC4BN-INV. Please read this manual thoroughly before using the appliance and keep it for future reference.

Safety Precautions

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury. Ensure the unit is installed by qualified personnel. Do not attempt to repair or modify the unit yourself. Disconnect power before any maintenance or cleaning.

2. Product Overview

The Haier HSU18K-PYSC4BN-INV is a 1.5 Ton 4 Star Triple Inverter Split AC designed for efficient cooling. It features a variable speed compressor, 7-in-1 convertible cooling modes, 4-way air swing, and Frost Self Clean technology.

Key Features:

- **Triple Inverter+ Compressor:** Adjusts power based on heat load for efficiency.
- **7-in-1 Intelli Convertible Modes:** Allows capacity control from 40% to 110%.
- **Frost Self Clean:** Automatic indoor wet wash in 21 minutes, removing odor, dust, and bacteria.
- **HD Filter:** For improved air quality.
- **Supersonic Cooling:** Achieves optimum cooling in 10 seconds, even at 60°C ambient temperature.
- **4-Way Air Swing:** Ensures uniform cooling distribution.
- **Hyper PCB:** Provides protection against power surges and fluctuations.
- **R32 Refrigerant:** Environmentally friendly with no ozone depletion potential.



Figure 2.1: Haier 1.5 Ton Split AC Indoor Unit. This image shows the white indoor unit of the Haier split air conditioner, typically mounted on a wall.



Figure 2.2: Triple Inverter+ Technology. This graphic illustrates the energy-saving benefits of the Triple Inverter+ compressor technology, showing a wind turbine and green leaves, symbolizing efficiency.



Figure 2.3: Hyper PCB Protection. This image highlights the Hyper PCB's resistance to insects, corrosion, and moisture, ensuring stable and durable operation of the outdoor unit.



Figure 2.4: 7-in-1 Intelli Convertible Modes. This diagram explains the various cooling capacities and modes available, including Supersonic Cooling, Intelli Adjust, Winter Comfort, Child Comfort, Monsoon Comfort, Summer Comfort, and Super Expandable.

3. Setup and Installation

The installation of this Haier inverter AC must be performed by Haier or authorized service centers. Improper installation can lead to malfunction, electric shock, or fire. Please ensure the installation team adheres to all safety guidelines.

Unpacking and Components:

Upon receiving your AC unit, verify that all components are present and undamaged. The box should contain:

- 1 Indoor Air Conditioner Unit
- 1 Outdoor Unit
- Remote Control
- 3m Copper Tube
- 3.5m Power Cord
- User Manual (this document)
- Warranty Card



Figure 3.1: Remote Control and Accessories. This image displays the remote control unit along with the copper tubing and power cord included for installation.

Pre-Installation Checks:

1. Ensure the installation area is suitable for the indoor and outdoor units, considering space, drainage, and power supply.
2. Confirm the power supply matches the unit's requirements (230 Volts).
3. Verify that the copper tubing and power cord lengths are sufficient for the planned installation.

4. Operating Instructions

Your Haier AC is equipped with various modes and features for optimal comfort. Use the remote control to access these functions.

Remote Control Functions:

The remote control allows you to adjust settings such as temperature, fan speed, operating mode, and special features.

- **Power Button:** Turns the unit ON/OFF.
- **Mode Button:** Cycles through cooling, fan, dry, and other available modes.
- **Temperature Adjustment Buttons (TEMP ▲/▼):** Increases or decreases the set temperature.
- **Fan Speed Button:** Adjusts the fan speed (Auto, Low, Medium, High).
- **Swing Button:** Activates or deactivates the 4-way air swing function.
- **ECO Mode:** Optimizes energy consumption.
- **Turbo Mode:** Provides rapid cooling.
- **Sleep Mode:** Adjusts temperature for comfortable sleep and energy saving.
- **Frost Self Clean Button:** Initiates the self-cleaning cycle.
- **Timer Button:** Sets the ON/OFF timer.
- **Light Button:** Controls the display light on the indoor unit.

Operating Modes:

- **Cooling Mode:** Standard cooling operation.
- **7-in-1 Intelli Convertible Modes:** Adjusts cooling capacity from 40% to 110% based on your needs. Refer to the remote control for specific key assignments (e.g., L1 for Monsoon Comfort, L2 for Child Comfort, L3 for Winter Comfort, Normal for Summer Comfort, Turbo for Super Expandable).
- **Dry Mode:** Reduces humidity in the room.
- **Fan Mode:** Circulates air without cooling.
- **Supersonic Cooling:** Achieves rapid cooling in approximately 10 seconds.
- **Quiet Mode:** Operates at a lower noise level (34 dB).
- **Dark Mode:** Turns off the display light for undisturbed sleep.

5. Maintenance

Regular maintenance ensures the longevity and efficient performance of your Haier AC. Always disconnect power before performing any maintenance.

Frost Self Clean Function:

This feature performs an automatic indoor wet wash in approximately 21 minutes. It helps remove accumulated dust, odor, and bacteria from the indoor coil, providing 99.9% clean air. To activate, press the "Frost Self Clean" button on your remote control.

Filter Cleaning:

The HD filter 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.

Outdoor Unit Cleaning:

Periodically check the outdoor unit for any obstructions (leaves, debris) and gently clean the coils with a soft brush or cloth. Ensure proper airflow around the unit.

Professional Servicing:

It is mandatory to have 2 maintenance services (paid) yearly by Haier or authorized centers to maintain warranty validity and optimal performance. Excludes gas/plastic parts.

6. Troubleshooting

Before contacting customer service, please 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 filter; Blocked outdoor unit; Room too large; Doors/windows open; Temperature setting too high.	Clean air filter; Clear obstructions from outdoor unit; Ensure proper room size; Close doors/windows; Lower temperature setting.
Unusual noise	Loose parts; Obstruction in fan; Unit not level.	Contact service center for inspection.
Water leakage from indoor unit	Clogged drain pipe; Improper installation.	Contact service center for inspection.

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

7. Specifications

Detailed technical specifications for the Haier 1.5 Ton 4 Star Triple Inverter Split AC (Model: HSU18K-PYSC4BN-INV).

Feature	Detail
Brand	Haier
Model	HSU18K-PYSC4BN-INV
Capacity	1.5 Tons

Feature	Detail
Cooling Power	5250 Watts
Energy Rating	4 Star
ISEER	4.45
Annual Energy Consumption	913 Kilowatt Hours Per Year
Noise Level (Indoor Unit)	42 dB (Normal Mode), 34 dB (Quiet Mode)
Installation Type	Split System
Refrigerant	R32
Condenser Coil	100% Copper
Voltage	230 Volts
Indoor Unit Dimensions (LxWxH)	91.6 x 22.3 x 30.6 cm
Indoor Unit Weight	13 kg
Outdoor Unit Dimensions (LxWxH)	86 x 34.5 x 55 cm
Outdoor Unit Weight	29 kg
Total Item Weight	40 kg
Manufacturer	Haier Appliances India Pvt Ltd.

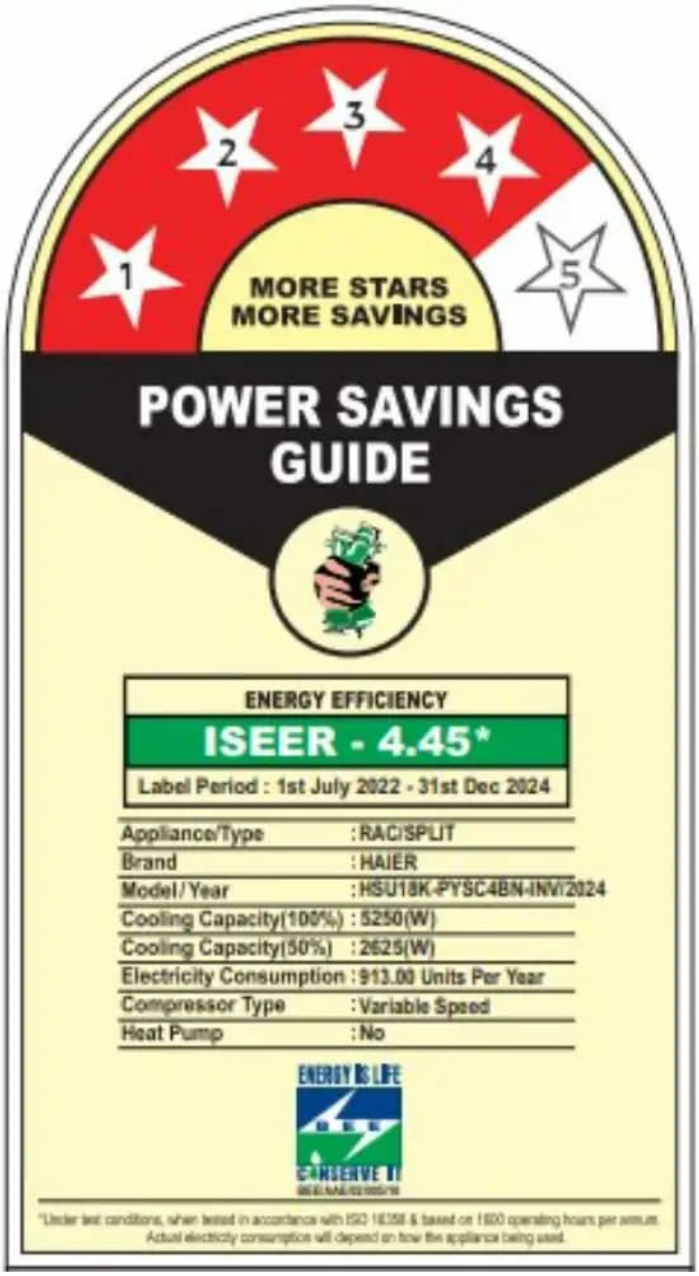


Figure 7.1: Energy Savings Guide. This label provides details on the appliance's energy efficiency, including ISEER rating (4.45), cooling capacity, and annual energy consumption (913 units per year).

8. Warranty and Support

Warranty Information:

Your Haier 1.5 Ton 4 Star Triple Inverter Split AC comes with the following warranty:

- **Unit Warranty:** 5 years on the split air conditioner.
- **Compressor Warranty:** 12 years on the compressor.

- The warranty includes a 1-year warranty card in the box plus a 4-year promotional warranty post-installation for the unit, and 12 years for the compressor.
- Warranty is valid only if installation is done by Haier or authorized centers.
- Two paid maintenance services yearly are mandatory to maintain warranty validity.
- Warranty excludes gas and plastic parts.

Customer Support:

For any service requests, technical assistance, or warranty claims, please contact Haier customer support. Refer to the warranty card or Haier's official website for contact details specific to your region.

Manufacturer: Haier Appliances India Pvt Ltd.

Address: Plot No. H-6, DMIC Integrated Industrial Township, Greater Noida Uttar Pradesh - 201308