

## Hisense AS-18TR4R3E1

# Hisense 1.5 Ton 3 Star Inverter Split AC

MODEL: AS-18TR4R3E1 USER MANUAL

## 1. Product Overview

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The Hisense 1.5 Ton 3 Star Inverter Split AC (Model AS-18TR4R3E1) is designed to provide efficient and comfortable cooling for your home. Featuring an inverter compressor, this unit adjusts its power based on the heat load, offering flexible temperature control and enhanced energy efficiency. It includes a 5-in-1 convertible mode, PM 2.5 filter, anti-corrosion properties, and 4-way swing for optimal air distribution.



Image: Hisense 1.5 Ton 3 Star Inverter Split AC, showing both indoor and outdoor units.

## 2. Key Features

- **Inverter Compressor:** Variable speed compressor for energy-efficient cooling, adapting to heat load.
- **5-in-1 Convertible Mode:** Allows flexible adjustment of cooling capacity to match room size or occupancy, optimizing energy use.
- **PM 2.5 Filter:** Advanced filtration system to remove fine particulate matter, dust, odors, and bacteria from the air.
- **Anti-Corrosion:** Features 100% copper internals and specialized anti-corrosion coating for enhanced durability and longevity.
- **4-Way Swing:** Independent horizontal and vertical louvers ensure uniform cooling across the entire room, eliminating hot spots.
- **Quick Chill / Turbo Cool:** Rapid cooling function to quickly reduce indoor temperature.
- **Stabilizer Free Operation:** Designed to handle power fluctuations without the need for an external stabilizer.
- **High Temperature Cooling:** Maintains effective cooling even in extreme ambient temperatures up to 52°C.

- **Environmentally Friendly Refrigerant:** Uses R-32 refrigerant, which has a lower global warming potential.
- **Self-Clean Feature:** Prevents the buildup of mold and bacteria, keeping the unit fresh and efficient automatically.

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**POWER SAVINGS GUIDE**

**ENERGY EFFICIENCY**  
**ISEER - 3.90\***  
 Label Period : 1st July 2022 - 31st Dec 2025

Appliance/Type	: RAC/Split
Brand	: Hisense
Model/Year	: AS-18TR4R3E1/2025
Cooling Capacity (100%)	: 4800 (W)
Cooling Capacity (50%)	: 2400 (W)
Electricity Consumption	: 953.27 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: No

\*Under test conditions, when tested in accordance with ISO 16358 & based on 1500 operating hours per annum. Actual electricity consumption will depend on how the appliance being used.

**3 Star Rating**

Maximum Saving  
Maximum Cooling

Image: Illustration of the 5-in-1 Convertible modes, showing different capacity settings for various needs.

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# TOP FEATURES



**5 in 1  
Convertible**



**Quick  
Chill**



**Stablizer  
Free**



**100%  
Copper**



**Unstoppable Cooling  
at 52°C**



**4 Way  
Swing**

Image: Diagram illustrating the 4-Way Swing feature, showing air distribution in multiple directions.

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## 5 in 1 Convertible

**Save Power or Boost Cooling. The Choice is Yours.**

customised cooling for every Indian season. Save energy when alone, or go Turbo when the family gathers.

**Baby Mode**

**Comfort Mode**

**WFH Mode**

**Family Mode**

**SMART Mode**



Convertible PRO  
5 in 1

Image: Visual representation of the multi-layer PM 2.5 filter, including Activated Carbon, HEPA, Catechin, and Silver filters.

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## Corner-to-Corner Comfort

### 4 Way Swing

Independent horizontal and vertical louvers ensure uniform cooling across the entire room. No hot spots left behind.



Image: Cutaway view of the indoor unit highlighting 100% grooved copper coils for improved heat transfer.

### 3. Setup

Proper installation is crucial for the optimal performance and longevity of your Hisense AC. It is highly recommended to have the unit installed by a certified technician.

#### 3.1. Pre-Installation Checklist

- Ensure the installation area for both indoor and outdoor units is clear and has adequate space for airflow and maintenance.
- Verify that the electrical supply meets the AC's requirements (230 Volts, 4800 Watts).
- Confirm that all included components are present (Indoor Unit, Outdoor Unit, Remote & Batteries, Small Accessories, Communication Wires, Insulated 3m Copper Line Set).

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## Powerful Long-Distance Cooling

Comfort reaches you, no matter where you sit. Experience consistent freshness with an impressive 12-meter air throw, filling every corner of your home with cool air.



Image: All components included in the product package, such as indoor unit, outdoor unit, remote, batteries, and installation accessories.

### 3.2. Indoor Unit Placement

- Choose a location that allows for even air distribution throughout the room.
- Avoid placing the unit above heat sources or in direct sunlight.
- Ensure there is sufficient clearance around the unit for proper airflow and maintenance.

### 3.3. Outdoor Unit Placement

- Place the outdoor unit in a well-ventilated area, away from direct sunlight or obstructions.
- Ensure it is on a stable, level surface to minimize vibration and noise.
- Maintain adequate distance from walls and other structures for optimal heat dissipation.

### 3.4. Electrical Connection

Connect the AC to a dedicated power circuit with appropriate voltage and current ratings. Always use a grounded outlet. Consult a qualified electrician for electrical connections.

## 4. Operating Instructions

Your Hisense AC comes with a remote control for convenient operation. Familiarize yourself with the remote's functions to utilize all features effectively.

The advertisement features the Hisense logo and the FIFA World Cup trophy logo with the text 'OFFICIAL SPONSOR'. The main headline is 'Breathe Pure, Live Healthy' in a large, bold, yellow font, followed by 'Advanced 4-in-1 Filtration System' in white. Below this, a white text block states: 'Protect your family from invisible threats. Our multi-layer shield removes PM 2.5, dust, odors, and bacteria.' The central visual is a 3D diagram of four filter layers: a white Activated Carbon filter, a yellow HEPA filter, a grey Catechin Filter, and a green Silver Filter. Blue arrows show air passing through these layers from left to right. Below the filters, labels and functions are listed: 'Activated Carbon' (Removes Odors), 'HEPA' (Traps PM 2.5 Dust), 'Catechin Filter' (Sterilization), and 'Silver Filter' (Bacteria Inactivation). Small icons of bacteria and dust particles are shown being captured or passing through the filters.

Image: Detailed diagram of the remote control, indicating the function of each button.

#### 4.1. Basic Functions

- **On/Off Button:** Press to turn the unit on or off.
- **Mode Selection:** Cycle through cooling, fan, dry, and auto modes.
- **Temperature Adjustment:** Use the up/down arrows to set your desired temperature.
- **Fan Speed Button:** Adjust the fan speed (Auto, Low, Medium, High).
- **H-Swing / V-Swing Buttons:** Control horizontal and vertical louver movement for optimal airflow direction.

#### 4.2. Special Modes

- **5-in-1 Button:** Activates the convertible modes, allowing you to adjust tonnage for energy saving or boosted cooling. Refer to the remote diagram for specific settings.
- **TURBO Button:** Engages the Quick Chill function for rapid cooling.

- **Sleep Button:** Optimizes temperature and fan speed for comfortable sleep and energy saving.
- **Timer Selection:** Set a timer for the unit to turn on or off automatically.



Image: Illustration of the Turbo button activating fast cooling, showing rapid air circulation.

## 5. Maintenance

Regular maintenance ensures your AC operates efficiently and provides clean air.

### 5.1. Filter Cleaning

- The PM 2.5 filter should be cleaned regularly, especially in dusty environments.
- Open the front panel of the indoor unit and carefully remove the filters.
- Clean the filters with a vacuum cleaner or wash them with lukewarm water. Allow them to dry completely before reinserting.

### 5.2. Self-Clean Function

The unit features an intelligent self-clean function that prevents mold and bacteria buildup. Activate this function periodically as per the remote control instructions or user manual for detailed steps.

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# Included in Your Order



Image: Information about complimentary services, including free dry and wet services during the first year.

## 5.3. Professional Servicing

It is recommended to schedule professional servicing at least once a year to ensure thorough cleaning, refrigerant level checks, and overall system health. Hisense offers complimentary services during the first year.

## 6. Troubleshooting

If you encounter issues with your AC, refer to the following common problems and solutions before contacting customer support.

Problem	Possible Cause	Solution
AC not turning on	No power supply, remote batteries dead, circuit breaker tripped.	Check power connection, replace remote batteries, reset circuit breaker.
Insufficient cooling	Dirty air filters, blocked outdoor unit, wrong mode selected, low refrigerant.	Clean air filters, clear obstructions from outdoor unit, select appropriate mode, contact service for refrigerant check.

Problem	Possible Cause	Solution
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	Blocked drain pipe, improper installation.	Clear drain pipe, contact service for inspection and re-installation if necessary.

For issues not listed here or if solutions do not resolve the problem, please contact Hisense customer support.

## 7. Specifications

Feature	Detail
Brand	Hisense
Model Number	AS-18TR4R3E1
Capacity	1.5 Tons
Cooling Power	4.8 Kilowatts
Energy Rating	3 Star (New BEE Rated)
Annual Energy Consumption	953.27 Kilowatt Hours Per Year
ISEER Value	3.9
Refrigerant	R-32
Noise Level	38 Decibels
Product Dimensions (D x W x H)	31.5D x 96W x 23.5H Centimeters
Item Weight	11000 Grams
Filter Type	Antimicrobial Air Filter, PM 2.5 Filter
Special Features	4 Way Swing, Dust Filter, Fast Cooling, Inverter Compressor, Remote Controlled, 5-in-1 Convertible, Anti Corrosion, Stabilizer Free, High Temperature Cooling, Long Air Distance
Included Components	Remote, User Manual
Country Of Origin	India

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## Stay Cool. We'll Handle the Rest.

Two complimentary expert services during your first year.

1 Free Dry Service

1 Free Wet Service

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Image: Power Savings Guide label indicating the 3 Star Energy Rating and annual energy consumption.

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Image: Comparison of Ozone Depletion Potential and Global Warming Potential for R32, R410A, and R22 refrigerants.

## 8. Warranty and Support

Hisense stands by the quality of its products with comprehensive warranty coverage.

- **Comprehensive Warranty:** 5 years on the product.
- **PCB Warranty:** 5 years on the PCB (Printed Circuit Board).
- **Compressor Warranty:** 10 years on the compressor.



## Fast Cooling/ Turbo Cool

By pressing the "TURBO" button, the air conditioner is not affected by the ambient temperature, and always runs at the maximum power and air volume to quickly reduce the indoor temperature.



Image: Visual representation of the warranty terms: 10 years on compressor, 5 years on PCB, and 5 years comprehensive warranty.

### 8.1. Manufacturer Contact Information

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

HISENSE INDIA PRIVATE LIMITED

OFFICE NO.2 UNIT 24, GROUND FLOOR

MIT OLYMPUS, C.TS NUMBER 12, LANE E

KOREGAON PARK, PUNE, MAHARASHTRA, INDIA. PIN-411001