

Samsung AR60H18D15W

Samsung 1.5 Ton 5 Star Bespoke AI Inverter Smart Split AC (Model AR60H18D15W) User Manual

Model: AR60H18D15W

1. INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient use of your Samsung 1.5 Ton 5 Star Bespoke AI Inverter Smart Split AC, Model AR60H18D15W. Please read this manual thoroughly before operating the appliance and retain it for future reference. This air conditioner features advanced technologies such as AI Energy Mode, WindFree cooling, and smart control options for enhanced comfort and energy efficiency.

2. SAFETY INFORMATION

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Installation:** Installation must be performed by qualified service personnel in accordance with the National Wiring Standards. Do not attempt to install the unit yourself.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Refrigerant:** This unit uses R32 refrigerant. Only qualified personnel should handle refrigerant.
- **Cleaning:** Disconnect power before cleaning. Do not use strong detergents or solvents.
- **Operation:** Do not insert fingers or objects into the air inlet/outlet. Do not spray water directly onto the unit.
- **Children:** Keep children away from the unit and remote control.

3. PRODUCT OVERVIEW

3.1 Components

- **Indoor Unit:** Distributes cooled or heated air into the room.
- **Outdoor Unit:** Houses the compressor and condenser.

- **Remote Control:** For convenient operation of the AC unit.
- **Batteries:** Two batteries for the remote control.

3.2 Key Features

- **BESPOKE AI WindFree:** Provides comfortable cooling without direct wind.
- **AI Energy Mode:** Offers up to 30% additional energy savings by optimizing operation.
- **5 Step Convertible:** Adjust cooling capacity as per your needs.
- **4 Way Swing:** Ensures uniform air distribution throughout the room.
- **Wi-Fi & Voice Control:** Control the unit via SmartThings app, Alexa, Google Assistant, or Bixby.
- **Digital Inverter Technology:** For efficient and consistent cooling.
- **Copper Condenser Coil:** Enhances cooling performance and durability.
- **Antimicrobial Air Filter:** Helps maintain air quality.
- **3 Step Auto Clean:** Automatically dries the heat exchanger to prevent bacteria and odor.

3.3 Product Images



Figure 3.1: Indoor Unit of the Samsung Bespoke AI Inverter Smart Split AC. This image shows the sleek white design of the indoor unit with the Samsung logo and "WindFree" branding.

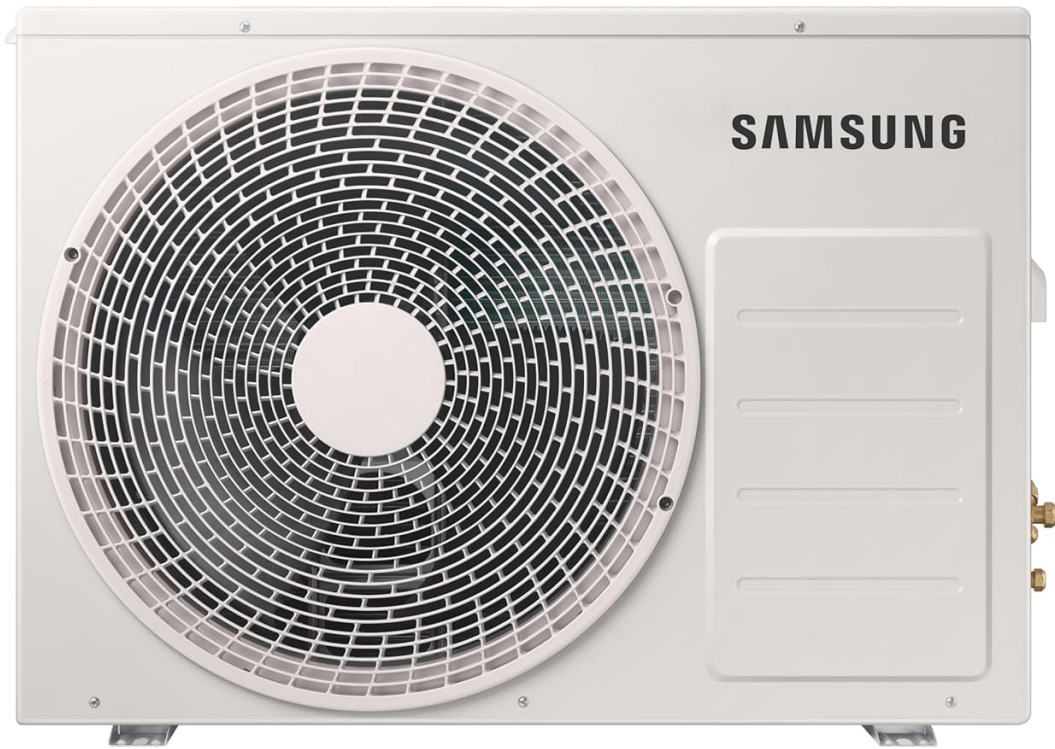


Figure 3.2: Outdoor Unit of the Samsung Bespoke AI Inverter Smart Split AC. The image displays the fan grille and the Samsung logo on the outdoor compressor unit.



Figure 3.3: Remote Control for the Samsung Bespoke AI Inverter Smart Split AC. This white remote features a digital display and various buttons for controlling modes, temperature, fan speed, and special functions.



POWER SAVINGS GUIDE



ENERGY EFFICIENCY
ISEER - 5.77*
Label Period: 1st Jan 2026 - 31st Dec 2027

Appliance/Type	: RAC/Split
Brand	: SAMSUNG
Model/Year	: AR60H18D15WNNA/2026
Cooling Capacity (100%)	: 4750 (W)
Cooling Capacity (50%)	: 2375 (W)
Electricity Consumption	: 636.71 Units Per Year
Compressor Type	: Variable Speed
Heat Pump	: NO



*Under test conditions, when tested in accordance with ISO 16358 & based on 1600 operating hours per annum. Actual electricity consumption will depend on how the appliance being used.

Figure 3.4: Energy Efficiency Label for the Samsung Bespoke AI Inverter Smart Split AC. This label indicates a 5-star BEE rating and an ISEER of 5.77, highlighting its energy-saving capabilities.

4. SETUP AND INSTALLATION

Professional installation by a qualified technician is highly recommended to ensure proper functioning and safety. Incorrect installation can lead to electric shock, fire, or water leakage.

- **Location:** Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources. The outdoor unit should be placed in a well-ventilated area.
- **Mounting:** Ensure both indoor and outdoor units are securely mounted on a stable surface.
- **Electrical Connection:** Connect the unit to a dedicated power circuit as per local electrical codes.
- **Piping:** Ensure refrigerant piping is correctly installed and leak-tested.
- **Drainage:** Verify that the condensate drain pipe is properly installed to allow for efficient water removal.

For detailed installation steps, please refer to the separate installation guide provided with the product or consult a certified technician.

5. OPERATING INSTRUCTIONS

Your Samsung AC can be operated using the provided remote control, the SmartThings app, or voice commands.

5.1 Remote Control Operation

Insert the two provided batteries into the remote control. Point the remote control towards the indoor unit when operating.

- **Power Button ():** Press to turn the unit ON or OFF.
- **Mode Button:** Cycle through operating modes: Cool, Fan, Dry, Auto.
- **Temp Buttons (+ / -):** Adjust the desired temperature.
- **Fan Button:** Adjust fan speed (Auto, Low, Med, High).
- **Swing Button:** Activate or deactivate the 4-way swing function.
- **Options Button (Clean/5sec):** Access special functions like 3 Step Auto Clean (press and hold for 5 seconds).
- **WindFree Button:** Activate WindFree cooling for gentle air distribution.
- **AI Energy Mode:** Refer to the remote's display or specific button for AI Energy Mode activation, which optimizes energy consumption.
- **5 Step Convertible:** Use the remote to select desired cooling capacity levels.

5.2 Smart Control (Wi-Fi & Voice)

The AC unit can be controlled remotely via the Samsung SmartThings app or through voice assistants like Alexa, Google Assistant, and Bixby.

- **SmartThings App:** Download the Samsung SmartThings app on your smartphone. Follow the in-app instructions to connect your AC unit to your home Wi-Fi network. Once connected, you can control all functions, monitor energy usage, and set schedules from anywhere.
- **Voice Control:** Link your SmartThings account with your preferred voice assistant (Alexa, Google Assistant,

Bixby). Use voice commands such as "Turn on the AC," "Set temperature to 24 degrees," or "Activate WindFree mode."

6. MAINTENANCE

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

- **Air Filter Cleaning:** The Antimicrobial Air Filter should be cleaned every two weeks or more frequently depending on usage.
 1. Open the front panel of the indoor unit.
 2. Remove the air filter.
 3. Clean the filter with a vacuum cleaner or wash it with lukewarm water and a mild detergent.
 4. Allow the filter to dry completely in a shaded area before reinstalling.
- **3 Step Auto Clean:** Utilize the 3 Step Auto Clean function (accessible via the remote control) to automatically dry the heat exchanger, preventing mold and odors.
- **Outdoor Unit:** Keep the area around the outdoor unit clear of obstructions, leaves, and debris to ensure proper airflow. Periodically clean the outdoor coil with a soft brush.
- **Professional Servicing:** It is recommended to have your AC unit professionally serviced at least once a year by a qualified technician.

7. TROUBLESHOOTING

Before contacting service, check the following common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; Remote control batteries are dead.	Check circuit breaker; Replace remote control batteries.
Insufficient cooling.	Dirty air filter; Obstruction in outdoor unit; Room too large.	Clean air filter; Remove obstructions; Ensure unit capacity matches room size.
Unusual noise.	Loose parts; Unit not level; Foreign object in fan.	Contact service if noise persists after checking for obvious obstructions.
Water leakage from indoor unit.	Clogged drain pipe; Improper installation.	Check and clear drain pipe; Contact service for inspection.

The unit also features **Auto Error Diagnosis**, which may display error codes on the indoor unit or remote. Refer to the SmartThings app or contact customer support with the error code for further assistance.

8. SPECIFICATIONS

Feature	Detail
Brand	Samsung
Model Name	AR60H18D15W

Feature	Detail
Capacity	1.5 Tons
Energy Rating	5 Star BEE Rating
ISEER	5.77 W/W
Annual Energy Consumption	636.71 Kilowatt Hours Per Year
Cooling Power	6.7 Kilowatts
Refrigerant	R32 (Environmental Friendly)
Noise Level (Indoor)	24 Decibels
Compressor Type	Rotary Scroll (Digital Inverter)
Indoor Unit Dimensions (WxHxD)	105.5 x 29.9 x 21.5 cm
Outdoor Unit Dimensions (WxHxD)	88 x 63.8 x 31 cm
Item Weight	45.8 Kilograms (Total)
Special Features	Anti Bacterial Filter, Dehumidifier, Inverter Compressor, Remote Controlled, WiFi Enabled, WindFree, AI Energy Savings, 5 Step Convertible, 4 Way Swing, Voice Control (Alexa, Google, Bixby), SmartThings app, 3 Step Auto Clean, Durafin Ultra, Triple Protection Plus, Coated Copper tubes.
Power Source	Corded Electric (230 Volts, 1050 Watts)
Recommended Room Size	150 to 180 sq ft

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your Samsung Air Conditioner comes with the following warranty:

- **Product Warranty:** 5 year comprehensive warranty.
- **Compressor Warranty:** 10 years on the Digital Inverter Compressor.

Terms and Conditions Apply. To avail warranty service, please provide the product's model name and seller's details mentioned on your invoice.

9.2 Customer Support

For any queries, assistance, or service requests, please contact Samsung Customer Care:

- **Telephone (Toll Free):** 1800 40 7267864 (1800 40 SAMSUNG)
- **WhatsApp:** 1800-57-267864
- **Email:** support.india@samsung.com

- **Registered Office:** Samsung India Electronics Pvt. Ltd., 6th Floor, DLF Centre, Sansad Marg, New Delhi-110001.

The brand's service center will allot a convenient slot for service upon contact.