

**Senville SENA-09HF-16**

# Senville AURA Series Mini Split Air Conditioner User Manual

Brand: Senville | Model: SENA-09HF-16

## 1. INTRODUCTION AND OVERVIEW

The Senville AURA Series Mini Split Air Conditioner with Inverter Heat Pump is designed to provide efficient and comfortable climate control for your space. This 9000 BTU system offers both cooling and heating capabilities, making it suitable for year-round use. With advanced features like Alexa integration and Energy Star certification, the AURA series combines convenience with energy efficiency.

This manual provides essential information for the proper setup, operation, and maintenance of your Senville AURA Mini Split system. Please read it thoroughly before installation and use to ensure safe and optimal performance.

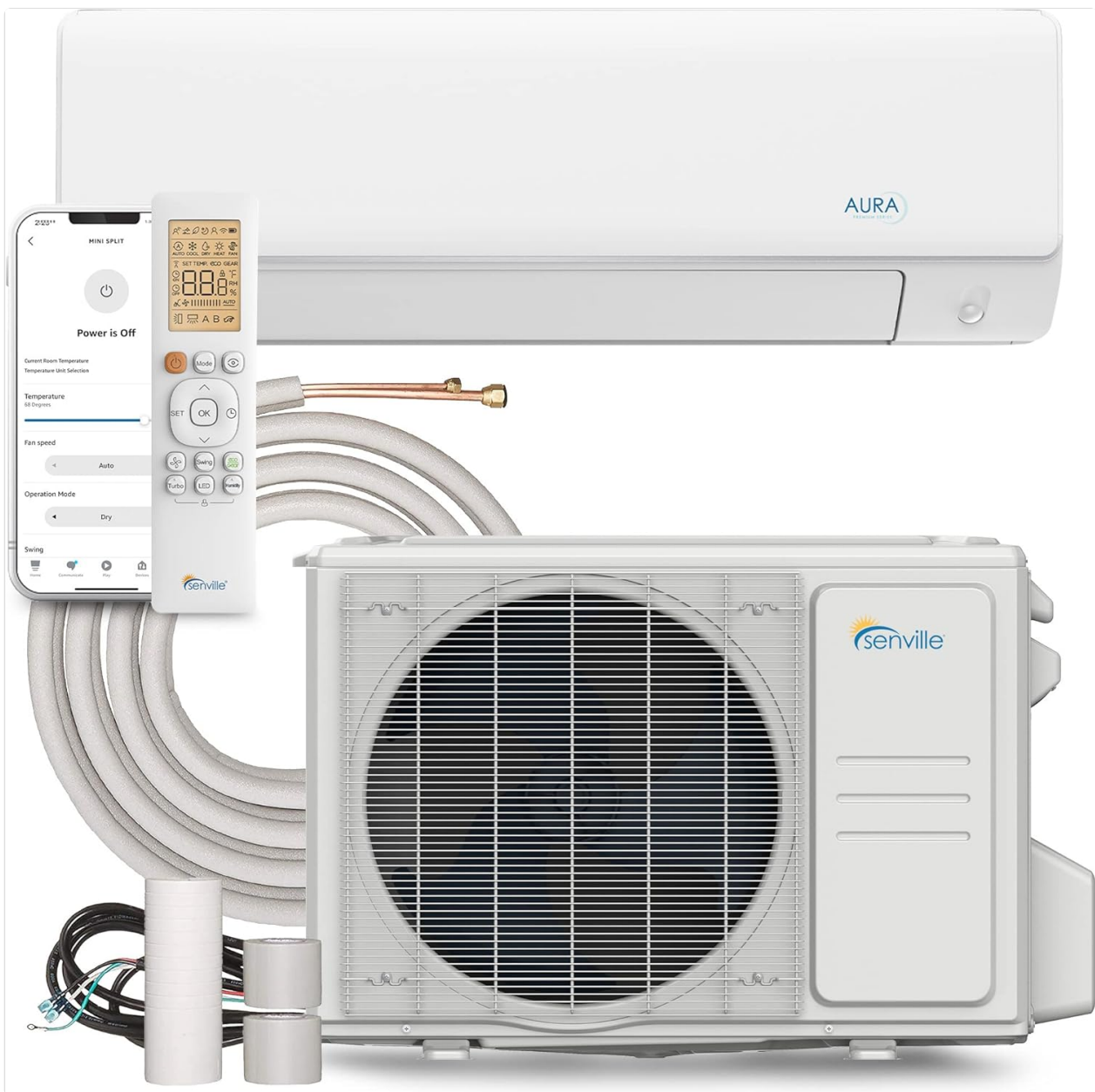


Figure 1: Senville AURA Mini Split Air Conditioner System Components (Indoor Unit, Outdoor Unit, Remote, Line Set)

## 2. KEY FEATURES

- **SMART MINI SPLIT AC WITH ALEXA INTEGRATION:** Control your mini split air conditioner with voice commands or the dedicated app. Adjust temperatures from anywhere for maximum convenience and energy savings. Customize routines to optimize comfort and efficiency.
- **ENERGY STAR CERTIFIED COOLING & HEATING:** This 9,000 BTU mini split system features DC Inverter Technology (208-230V) for ultra-efficient operation. It reduces energy consumption while delivering reliable heating and cooling, even in extreme conditions as low as -22°F/-30°C. The system is AHRI Certified.
- **VERSATILE & POWERFUL PERFORMANCE:** Designed for both residential and light commercial use, this mini split AC is ideal for bedrooms, living rooms, offices, shops, restaurants, and more. Its sleek, modern design seamlessly complements any space.
- **COMPLETE MINI SPLIT SYSTEM:** Includes indoor air handler, outdoor condenser, and a 16ft. line set with communication wire for a comprehensive installation. (Professional installation required—this is NOT a DIY

mini split system.)

- **ADVANCED FEATURES FOR ENHANCED COMFORT:** Enjoy whisper-quiet operation, precise temperature control, and energy-efficient performance with Turbo Mode, Sleep Mode, and Auto Restart for an optimized indoor climate.

The advertisement features a woman sleeping peacefully in a bed in a bright, modern bedroom. A white Senville AURA Mini Split is mounted on the wall above the bed, with orange wavy lines representing air flow directed towards the bed. The background shows a window with white curtains and a view of trees outside. The Senville logo is in the top left corner. The main title 'AURA Cool & Heat Mini Split' is in large, bold black font, followed by the tagline 'More comfortable, efficient & smart'. Below this, text states 'Efficient at wide range ambient temperature:-22°F to 122°F'. On the right side, there are four blue circular icons with white symbols: a snowflake for 'Efficient Cooling & Heating', a hand holding a coin for 'Lower Operating Cost', a speaker with an 'x' for 'Lower Noise', and a smartphone with a signal icon for 'Smart Control'. At the bottom right, there is a black-bordered box containing the text 'works with' and the 'alexa' logo.

**senville®**

## AURA Cool & Heat Mini Split

More comfortable, efficient & smart

Efficient at wide range ambient temperature:-22°F to 122°F

- Efficient Cooling & Heating
- Lower Operating Cost
- Lower Noise
- Smart Control

works with | alexa

Figure 2: Benefits of Senville AURA Mini Split (Efficient Cooling & Heating, Lower Operating Cost, Lower Noise, Smart Control)



\*Warranty provided when installed by a qualified installer & registered online  
\*\*Being the best seller of Amazon mini split category from 2019 to 2021

Figure 3: Senville AURA Certifications (Energy Star, AHRI Certified, UL Listed) and Best Seller Awards

### 3. SETUP & INSTALLATION

The Senville AURA Mini Split system requires professional installation to ensure proper function, safety, and warranty validity. Attempting self-installation may void your warranty and could lead to system damage or personal injury.

#### 3.1. Site Selection

- **Indoor Unit:** Choose a location that allows for optimal airflow distribution throughout the room, away from direct heat sources or obstructions. Ensure sufficient space around the unit for maintenance.
- **Outdoor Unit:** Select a stable, level surface away from direct sunlight, excessive dust, or areas with poor ventilation. Ensure adequate clearance for airflow and maintenance access.

#### 3.2. Electrical Requirements



The Senville AURA 9000 BTU model operates on 208-230V DC power. A dedicated circuit with appropriate breaker size is required. Consult a qualified electrician to ensure your electrical system meets the necessary specifications and to perform the wiring connections.

### 3.3. Component Installation

- **Indoor Unit Mounting:** The indoor air handler is mounted on a wall using a sturdy bracket. Ensure the wall can support the unit's weight.
- **Outdoor Unit Mounting:** The outdoor condenser can be mounted on a wall bracket or a ground-level pad. Ensure it is stable and vibration-free.
- **Line Set Connection:** The pre-charged 16ft line set connects the indoor and outdoor units, carrying refrigerant and communication wiring. Proper vacuuming of the line set is crucial before releasing refrigerant.
- **Drainage:** Connect the condensate drain line from the indoor unit to an appropriate drainage point to prevent water accumulation.



The advertisement features the Senville logo at the top left. The main headline reads "Ingenuous Flexibility For Any Climate Condition". On the left, a Senville indoor unit is shown with a cutaway view of its internal components. To the right, two climate scenarios are depicted: a snowy mountain landscape at -22°F and a desert landscape at 122°F. Each scenario is accompanied by a circular icon (a snowflake for cold and a flame for heat) and text describing the unit's capabilities: "Down to -22°F with Arctic Heat Pump" and "Up to 122°F with Inverter Heat Pump".

**Ingenuous Flexibility  
For Any Climate Condition**

**-22°F**  
Down to -22°F with Arctic Heat Pump

**122°F**  
Up to 122°F with Inverter Heat Pump

Figure 4: Senville AURA's Wide Operating Temperature Range (-22°F to 122°F)

## 4. OPERATING INSTRUCTIONS

Your Senville AURA Mini Split system can be operated using the included remote control or via smart controls through the Senville app and Alexa integration.

### 4.1. Remote Control Functions

The remote control provides full access to all system functions:

- **Power On/Off:** Turns the unit on or off.
- **Mode Selection:** Cycle through operating modes:
  - **Cool:** For cooling the room.
  - **Heat:** For heating the room.
  - **Fan:** Circulates air without heating or cooling.
  - **Dry:** Dehumidifies the air.
  - **Auto:** Automatically selects mode based on room temperature.
- **Temperature Adjustment:** Increase or decrease the desired temperature.
- **Fan Speed:** Adjust fan speed (Auto, Low, Medium, High, Turbo).
- **Swing:** Controls the vertical louver movement for air distribution.
- **Sleep Mode:** Optimizes temperature and fan speed for comfortable sleep and energy saving.
- **Timer:** Set a timer for the unit to turn on or off.
- **Self Clean:** Activates a self-cleaning function for the indoor coil.

### 4.2. Smart Controls (App & Alexa)

With the optional Alexa Kit installed, you can connect your Senville AURA to your home Wi-Fi network and control it via the Senville app or voice commands through Amazon Alexa.

- **Remote Access:** Control your unit from anywhere using the Senville app on your smartphone.
- **Voice Control:** Use simple voice commands with Alexa (e.g., "Alexa, set my mini split to cooling").
- **Scheduling & Routines:** Set up custom schedules and routines for automated operation based on your preferences or geolocation.



## Smart Controls

Use voice or app control with Alexa, whether you are too busy to move your hand, or you are away from home. Easy plug and play the app after installing your Alexa Kit in the box.



Figure 5: Senville AURA Smart Controls via App and Alexa



30dB  
Whisper

Senville  
AURA

45dB  
Library

60dB  
Normal Talk



## Lower noise operation

With Inverter technology & silent mode function, the inner unit operating noise can be down to 38dB, which you can enjoy a quiet dream at night.

Figure 6: Senville AURA's Low Noise Operation (as low as 23.5 dB)

## 5. MAINTENANCE

Regular maintenance is essential for the longevity and efficient operation of your Senville AURA Mini Split system.

### 5.1. Air Filter Cleaning

Clean the air filters in the indoor unit every 2-4 weeks, or more frequently if the unit is used heavily or in dusty environments. Dirty filters can reduce airflow and efficiency.

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Wash filters with lukewarm water and mild detergent, or vacuum them to remove dust.
4. Allow filters to dry completely before reinserting them.

### 5.2. Outdoor Unit Care



Periodically inspect the outdoor condenser unit for debris, leaves, or dirt that may obstruct airflow. Gently clean the coils with a soft brush or vacuum. Ensure the area around the outdoor unit is clear of vegetation and other obstructions.

### 5.3. Professional Servicing

It is recommended to have a qualified HVAC technician perform an annual professional service. This includes checking refrigerant levels, inspecting electrical connections, and thoroughly cleaning internal components to ensure peak performance and prevent potential issues.

## 6. TROUBLESHOOTING

If you encounter issues with your Senville AURA Mini Split, refer to the common troubleshooting tips below. For complex problems, contact a qualified technician or Senville customer support.

- **Unit Not Turning On:**

- Check if the unit is properly plugged in.
- Verify the circuit breaker is not tripped.
- Ensure the remote control batteries are not depleted.

- **Insufficient Cooling/Heating:**

- Clean the air filters in the indoor unit.
- Check for obstructions around the indoor or outdoor units.
- Ensure the temperature setting is appropriate for the desired comfort level.
- Verify that doors and windows are closed to prevent air leakage.

- **Unusual Noises:**

- Gurgling or hissing sounds are normal and indicate refrigerant flow.
- Cracking sounds may occur due to expansion/contraction of plastic parts.
- If noises are loud or persistent, contact a technician.

- **Water Leaks:**

- Check if the condensate drain line is clogged or kinked.
- Ensure the indoor unit is properly leveled.

- **Wi-Fi Connectivity Issues:**

- Ensure your Wi-Fi network is active and the signal is strong.
- Restart your Wi-Fi router and the mini split unit.
- Follow the app's instructions for re-pairing the device.

## 7. SPECIFICATIONS

Specification	Detail
Model Number	SENA-09HF-16
Product Dimensions	48 x 48 x 60 inches
Item Weight	95.7 pounds
Form Factor	Mini-Split
Capacity	9000 BTU (0.75 Tons)
Voltage	220 Volts (DC)
Noise Level	23.5 dB
Seasonal Energy Efficiency Ratio (SEER)	28.00
Special Feature	Alexa Enabled
Certifications	AHRI Certified, UL Listed, Energy Star

## 8. WARRANTY & SUPPORT

### 8.1. Warranty Information

The Senville AURA Series Mini Split Air Conditioner comes with a **5-year parts warranty** and a **10-year compressor limited warranty**. Please note that professional installation is required for the warranty to be valid. The warranty does not cover labor costs and is exclusively for parts replacement. Replacement parts are available for purchase outside of the warranty terms.

### 8.2. Customer Support

For any questions, technical assistance, or troubleshooting beyond the scope of this manual, please contact Senville customer support. Our expert team is available to help with setup, maintenance, and any issues you may encounter.

- **Phone Support:** Talk directly with HVAC experts.
- **24/7 Live Chat:** Get answers day or night.