

Sharp AHXP13NRV

Sharp AHXP13NRV Split AC User Manual

Model: AHXP13NRV | Brand: Sharp

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Sharp AHXP13NRV Split Air Conditioner. Please read this manual thoroughly before using the appliance and keep it for future reference. This 1.1 Ton Split AC is designed to provide a cool and comfortable indoor environment, featuring advanced technologies for air purification and energy efficiency.



This image displays the white indoor unit of the Sharp AHXP13NRV Split AC, featuring the Sharp logo and 'ECO INVERTER' branding on the front panel.

KEY FEATURES

- Plasma cluster Ion Technology:** Releases natural levels of positive and negative ions into the air to remove bacteria, mold, airborne viruses, and other contaminants.
- Inverter Control:** Modifies and maintains room temperature by switching the compressor between high and low operation modes, ensuring comfortable, even temperature control with high power savings.

- **Super Jet:** Delivers a powerful blast of cool air for instant cooling.
- **Gentle Cool Air (Coanda Technology):** Provides an all-embracing airflow from the ceiling to the walls, spreading cool air throughout the room for a pleasant environment, ideal for sensitive individuals.
- **Laundry Function:** Assists in drying laundry indoors by blowing air on wet clothing, followed by dehumidification and Plasmacluster Ion emission to suppress odors.
- **Instant Low Wattage / Eco Mode:** Allows setting the air conditioner to energy-saving mode via a two-stage adjustment, limiting power consumption and preventing over-cooling.
- **R410A Refrigerant:** Uses an environmentally friendly refrigerant with no adverse impact on the ozone layer.
- **Microcomputer Control:** Includes Auto Operation, Auto Sleep, and Auto Restart modes for convenient and efficient operation.
- **3-Step Fan Speed Settings:** Allows selection of comfortable fan speeds, with an option for automatic fan speed adjustment.
- **LCD Wireless Remote:** Enables easy operation and control of the unit.
- **Nature Wing Fan Blades:** Designed to optimize airflow and boost air circulation efficiency, contributing to energy savings.

SETUP AND INSTALLATION

The Sharp AHXP13NRV is a split-system air conditioner, requiring professional installation. Ensure that installation is performed by a qualified technician to guarantee proper functioning and safety.

Pre-Installation Considerations:

- **Location:** Choose a location for both the indoor and outdoor units that allows for optimal airflow and easy maintenance.
- **Power Supply:** Ensure the electrical supply meets the unit's requirements (240 Volts, 1150 Watts). A dedicated circuit is recommended.
- **Drainage:** Plan for proper condensate drainage from the indoor unit.
- **Refrigerant Lines:** Ensure proper routing and insulation of refrigerant lines between the indoor and outdoor units.

Note: Incorrect installation can lead to reduced performance, energy inefficiency, and potential safety hazards. Always consult the detailed installation guide provided with the product or a certified technician.

OPERATING INSTRUCTIONS

Your Sharp AHXP13NRV Split AC is operated primarily using the provided LCD wireless remote control. Familiarize yourself with the remote's functions for optimal use.

Basic Operation:

- **Power On/Off:** Use the power button on the remote to turn the unit on or off.
- **Mode Selection:** Select desired operating mode (e.g., Cool, Fan, Dry, Auto) using the mode button.
- **Temperature Adjustment:** Use the temperature up/down buttons to set your desired room temperature.
- **Fan Speed:** Adjust fan speed (Low, Medium, High, Auto) using the fan speed button.

Advanced Functions:

- **Auto Operation:** The unit automatically selects the appropriate operating mode based on the room temperature.
- **Auto Sleep Mode:** Optimizes temperature settings during sleep for comfort and energy saving.

- **On/Off Timer:** Set specific times for the unit to turn on or off automatically. Refer to the remote control's instructions for detailed timer setup.
- **Laundry Function:** Activate this mode to assist in drying clothes indoors. The unit will blow air on wet clothing, then switch to dehumidifier function with Plasmacluster Ions to remove moisture and odors.
- **Eco Mode / Instant Low Wattage:** Engage this mode to reduce power consumption. The unit will operate at a lower wattage, ideal for energy saving.
- **Super Jet Mode:** For rapid cooling, activate the Super Jet function. This delivers a powerful burst of cool air.
- **Gentle Cool Air Mode:** For a softer, more diffused cooling experience, select this mode. It utilizes Coanda technology to spread air gently.

MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Sharp AHXP13NRV Split AC. Always disconnect power before performing any maintenance.

- **Air Filter Cleaning:** Clean the air filters regularly (e.g., every two weeks or as needed) to maintain optimal airflow and air quality. Refer to the product manual for instructions on how to remove and clean the filters.
- **Self-Cleaning Function:** Utilize the unit's self-cleaning feature to help prevent mold and bacteria buildup inside the indoor unit.
- **Outdoor Unit Cleaning:** Keep the outdoor unit free from obstructions, leaves, and debris to ensure proper heat exchange.
- **Professional Servicing:** Schedule annual professional servicing to check refrigerant levels, clean coils, and inspect electrical components.
- **Plasmacluster Ion Maintenance:** The Plasmacluster Ion generator requires no special maintenance, as it continuously cleans the air.

TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power supply; remote control batteries are dead; circuit breaker tripped.	Check power connection; replace remote batteries; reset circuit breaker.
Insufficient cooling.	Dirty air filters; blocked outdoor unit; windows/doors open; room too large.	Clean air filters; clear obstructions from outdoor unit; close windows/doors; ensure unit capacity matches room size.
Unusual noise.	Loose parts; foreign objects in fan; unit not level.	Check for loose parts; remove foreign objects; ensure unit is level. If noise persists, contact service.
Water leakage from indoor unit.	Clogged drain pipe; improper installation.	Check and clear drain pipe; contact a professional for inspection if installation is suspected.

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

SPECIFICATIONS

Attribute	Detail
Brand	Sharp
Model	AHXP13NRV
Capacity	1.1 Tons
Energy Efficiency	High Efficiency (BEE 5 Star Rating)
Noise Level	39 dB
Installation Type	Split System
Colour	White
Control Console	Remote Control (LCD)
Voltage	240 Volts
Wattage	1150 Watts
Cooling Power	1010 Watts
Refrigerant	R410A
Item Dimensions (LxWxH)	29 x 92 x 24 Centimeters

Warranty and Support

Your Sharp AHXP13NRV Split AC comes with a comprehensive warranty to ensure peace of mind:

- Product Warranty:** 1 year on the entire product.
- Compressor Warranty:** 5 years on the compressor.

For warranty claims, technical assistance, or service requests, please contact Sharp customer support. Ensure you have your product model number (AHXP13NRV) and purchase details readily available when contacting support.