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› Sharp 1.5 HP Cool Split Air Conditioner User Manual, Model AH-A12ZSE

Sharp AH-A12ZSE

Sharp 1.5 HP Cool Split Air Conditioner User Manual

Model: AH-A12ZSE

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient operation, installation, and maintenance of your Sharp 1.5 HP Cool Split Air Conditioner, Model AH-A12ZSE. Please read this manual thoroughly before using the appliance and keep it for future reference.



Image: Sharp 1.5 HP Cool Split Air Conditioner, showing both indoor and outdoor units.

SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury to persons. This includes:

- Ensure the power supply matches the specifications listed on the unit.
- Do not operate the air conditioner with wet hands.
- Do not insert objects into the air outlet or inlet.
- Keep children away from the unit.
- Do not attempt to repair the unit yourself. Contact qualified service personnel.
- Ensure proper grounding to prevent electric shock.
- Turn off the power supply before cleaning or performing maintenance.

PRODUCT OVERVIEW

Key Features:

- 1.5 HP Cooling Capacity (12000 BTU/hour)
- Two-Way Auto Swing for optimal air distribution (up and down)
- Powerful Jet Mode for rapid cooling
- Dry Function to reduce humidity
- 12-hour On/Off Timer and 1-hour Off Timer
- Fan Mode Control with Auto and 3-speed settings
- Auto Restart Function after power interruptions
- Wireless LCD Remote Control
- Uses eco-friendly R410a refrigerant
- Anti-corrosion Tropical Compressor (Outdoor Unit)
- Equipped with a dust filter
- Energy Efficiency Class B

Included Components:

- Indoor Unit
- Outdoor Unit
- Outdoor Unit Bracket
- 3-meter Connection Pipes
- Remote Control

SETUP

Installation should be performed by a qualified technician. This section provides a general overview of the setup process.

1. **Site Selection:** Choose a location for the indoor unit that allows for even air distribution and easy drainage. The outdoor unit should be placed in a well-ventilated area, away from direct sunlight or heat sources.
2. **Mounting the Indoor Unit:** Securely mount the indoor unit to the wall using the provided bracket, ensuring it is level.
3. **Mounting the Outdoor Unit:** Install the outdoor unit on a stable surface or wall bracket, ensuring proper clearance for airflow.
4. **Connecting Refrigerant Pipes:** Connect the refrigerant pipes between the indoor and outdoor units. Ensure all connections are tight to prevent leaks.
5. **Electrical Wiring:** Connect the power supply and communication wiring according to the wiring diagram in the full installation manual. Ensure proper grounding.
6. **Drainage Pipe Installation:** Install the drainage pipe from the indoor unit to ensure proper condensate removal.
7. **Vacuumping and Test Run:** Evacuate the refrigerant lines and perform a test run to check for proper operation and cooling performance.

OPERATING INSTRUCTIONS

Your air conditioner can be operated using the wireless LCD remote control.

Basic Operation:

- **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
- **Mode Selection:** Press the **MODE** button to cycle through modes: Cool, Dry, Fan.
- **Temperature Adjustment:** Use the **TEMP UP** and **TEMP DOWN** buttons to set the desired temperature.
- **Fan Speed:** Press the **FAN** button to select fan speed (Low, Medium, High, Auto).
- **Swing Function:** Press the **SWING** button to activate or deactivate the automatic vertical air swing.

Advanced Functions:

- **Powerful Jet Mode:** Activate this mode for rapid cooling. Refer to the remote control section for specific button.
- **Timer Function:** Set the 12-hour On/Off timer or the 1-hour Off timer using the **TIMER** button on the remote.
- **Dry Function:** Select the Dry mode to dehumidify the room without significant cooling.

MAINTENANCE

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

Cleaning the Air Filter:

1. Open the front panel of the indoor unit.
2. Remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
4. Rinse thoroughly and allow to dry completely in a shaded area.
5. Reinstall the dry filters and close the front panel.

Frequency: Clean the air filters every two weeks or more frequently if the unit is used in a dusty environment.

Cleaning the Unit:

- Wipe the indoor unit with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry.
- Do not use harsh chemicals, abrasive cleaners, or hot water.
- Periodically check the outdoor unit for obstructions (leaves, debris) and clear them.

TROUBLESHOOTING

Before contacting service, check the following common issues:

Problem	Possible Cause	Solution
Unit does not start	No power, circuit breaker tripped, remote control batteries low.	Check power supply, reset breaker, replace remote batteries.
Insufficient cooling	Dirty air filter, blocked outdoor unit, doors/windows open, temperature setting too high.	Clean filter, clear obstructions, close openings, lower temperature setting.
Unusual noise	Loose parts, foreign objects, unit not level.	Check for loose parts, remove objects, ensure unit is level. If noise persists, contact service.

Problem	Possible Cause	Solution
Water leakage from indoor unit	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, contact a qualified technician.

If the problem persists after checking these points, please contact Sharp customer service or a qualified technician.

SPECIFICATIONS

Feature	Detail
Brand	Sharp
Model Number	AH-A12ZSE
Cooling Capacity	12000 BTU/hour (1.5 HP)
Color	White
Refrigerant	R-410A
Voltage	220-240 V
Frequency	50 Hz
Electrical Power	1090 W
Energy Efficiency Ratio (EER)	11.5 BTU/hour
Energy Consumption Efficiency Class	B
Seasonal Energy Efficiency Ratio (SEER)	15
Noise Level	40 dB
Indoor Unit Dimensions (WxHxD)	879 x 289 x 229 mm
Outdoor Unit Dimensions (WxHxD)	760 x 540 x 270 mm
Indoor Unit Net Weight	9 kg
Outdoor Unit Net Weight	30 kg
Connection Pipe Length	3 meters
Filter Type	Dust Filter
Compressor Type	Rotary Scroll
Country of Origin	Egypt

WARRANTY AND SUPPORT

Your Sharp 1.5 HP Cool Split Air Conditioner comes with a full 5-year free warranty.
For warranty claims, technical support, or service requests, please contact Sharp customer service. Keep your

purchase receipt and product model number (AH-A12ZSE) readily available when contacting support. For more information, you may visit the official Sharp website or contact your local authorized dealer.