

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

Manuals.plus /

› [Airton](#) /

› Airton Reversible Air Conditioner Heat Pump (Model 409934-409597-409729) User Manual

Airton 409934-409597-409729

Airton Reversible Air Conditioner Heat Pump (Model 409934-409597-409729) User Manual

Comprehensive Guide for Installation, Operation, and Maintenance

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Airton Reversible Air Conditioner Heat Pump. Please read this manual thoroughly before attempting to install or operate the unit. Keep this manual for future reference.

1.1 Safety Information

Always adhere to local electrical codes and safety regulations. Installation should be performed by qualified personnel. Disconnect power before performing any maintenance or service. Do not block air inlets or outlets. Use only the specified refrigerant (R32).

2. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- Indoor Unit
- Outdoor Unit
- Pre-charged Refrigerant Line (ReadyClim, 1/4 3/8, 4 meters)
- WiFi Kit
- Remote Control + Batteries
- Electrical Wire
- Power Cable
- Indoor Mounting Bracket
- Dust Filters
- Condensate Drain Hose (2 meters)
- Insulating Tape
- Anti-Vibration Blocks (4 units)
- User Manual (this document)

- Warranty Booklet



Image 2.1: Overview of the Airton reversible air conditioner package, showing both indoor and outdoor units, refrigerant lines, remote control, and WiFi module.

3. PRODUCT COMPONENTS

3.1 Indoor Unit

The indoor unit is designed for quiet operation and efficient air distribution within your living space. It features a modern, elegant design with an integrated LED display.



Image 3.1: The indoor unit of the Airton air conditioner, featuring a sleek white design and a digital display on the right side.

3.2 Outdoor Unit

The outdoor unit houses the compressor and condenser, providing powerful and reliable performance. It is pre-charged with R32 refrigerant.



Image 3.2: The outdoor unit of the Airton air conditioner, showing the fan grille and the Airton branding with a French flag motif.

3.3 ReadyClim Refrigerant Lines

The pre-charged ReadyClim refrigerant lines simplify installation by eliminating the need for vacuum pumping. These lines are 4 meters in length.



Image 3.3: The coiled, pre-charged refrigerant lines with brass fittings, part of the ReadyClim system for easy installation.

3.4 WiFi Module

The included WiFi module allows for smart control of your air conditioner via a smartphone or tablet application.



Image 3.4: The Airton Smart WiFi Module (ACW02), a small white rectangular device with a connecting cable.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing your Airton air conditioner. For detailed instructions, refer to the separate installation guide provided with your product. Professional installation is recommended.

4.1 Site Selection

- **Indoor Unit:** Choose a location that allows for even air distribution, away from direct heat sources or obstructions. Ensure sufficient space for maintenance.
- **Outdoor Unit:** Select a stable, level surface with good airflow, away from direct sunlight or excessive dust. Maintain adequate clearance around the unit.

4.2 Mounting the Units

1. Mount the indoor unit bracket securely on the wall, ensuring it is level.
2. Install the outdoor unit on a stable base or wall bracket.

4.3 Connecting Refrigerant Lines (ReadyClim)

The ReadyClim system simplifies connection:

1. Carefully uncoil the pre-charged refrigerant lines.
2. Connect the lines to the corresponding ports on both the indoor and outdoor units. Ensure connections are tight to prevent leaks.
3. Follow the specific instructions in the installation guide for opening the valves and checking for leaks.

4.4 Electrical Connections

Connect the electrical wiring between the indoor and outdoor units, and then connect the main power cable to a suitable power supply (220-240V~). Ensure all connections are secure and comply with electrical safety standards.

4.5 Condensate Drain

Connect the condensate drain hose to the indoor unit and ensure it slopes downwards to allow for proper drainage of condensed water.

4.6 WiFi Module Installation and Setup

1. Locate the designated port on the indoor unit for the WiFi module.
2. Plug in the WiFi module securely.
3. Download the "Smart Life - Smart Living" application from your smartphone's app store (App Store or Google Play Store).
4. Follow the in-app instructions to pair your air conditioner with your smartphone or tablet. This typically involves creating an account, adding a device, and connecting to your home WiFi network.

5. OPERATING INSTRUCTIONS

Your Airton air conditioner can be operated using the included remote control or via the "Smart Life" app.

5.1 Remote Control Functions

The remote control allows you to adjust settings such as:

- **Power On/Off:** Turns the unit on or off.
- **Mode Selection:** Cycle through operating modes (Cool, Heat, Fan, Dry, Auto).
- **Temperature Adjustment:** Increase or decrease the desired temperature.
- **Fan Speed:** Adjust the fan speed (Low, Medium, High, Auto).
- **Swing Function:** Control the vertical louver movement for air direction.
- **Timer:** Set a timer for automatic power on or off.
- **Sleep Mode:** Adjusts temperature and fan speed for comfortable sleep.

5.2 Operating Modes

- **Cool Mode:** Provides cooling by removing heat from the room.
- **Heat Mode:** Provides heating by transferring heat into the room.
- **Fan Mode:** Circulates air without heating or cooling.
- **Dry Mode:** Reduces humidity in the room.
- **Auto Mode:** Automatically selects the appropriate mode based on the ambient temperature.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner.

6.1 Air Filter Cleaning

The air filters should be cleaned every two weeks or more frequently depending on usage and air quality.

1. Turn off the unit and disconnect power.
2. Open the front panel of the indoor unit.
3. Remove the air filters.
4. Clean the filters with a vacuum cleaner or wash them with lukewarm water and a mild detergent.
5. Allow the filters to dry completely before reinstalling them.
6. Close the front panel.

6.2 Unit Exterior Cleaning

Wipe the exterior of both indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.

6.3 Seasonal Checks

Before the cooling or heating season, inspect the outdoor unit for any obstructions (leaves, debris) and ensure the condensate drain is clear.

7. TROUBLESHOOTING

This section addresses common issues you might encounter. If the problem persists, contact qualified service personnel.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply; Remote control batteries depleted	Check power connection and circuit breaker; Replace remote control batteries
Insufficient cooling/heating	Dirty air filters; Blocked air inlets/outlets; Incorrect mode setting; Room size exceeds capacity	Clean air filters; Clear obstructions; Select correct mode; Ensure unit matches room size (up to 30m ²)
Water leakage from indoor unit	Clogged condensate drain hose; Improper installation	Clear the drain hose; Consult installation guide or professional
WiFi connection issues	Incorrect app settings; Router issues; Module not properly connected	Re-pair device in app; Restart router; Ensure WiFi module is securely plugged in

8. SPECIFICATIONS

Feature	Detail
Brand	Airton
Model Number	409934-409597-409729
Type	Mini-split Reversible Air Conditioner / Heat Pump
Cooling Capacity	2500W (9000 BTU)

Feature	Detail
Heating Capacity	2800W (9000 BTU)
Refrigerant	R32
Power Supply	220-240V~
Energy Efficiency (Cooling)	A++ (SEER 6.10)
Energy Efficiency (Heating)	A+ (SCOP 4)
Indoor Unit Noise Level	36 dBA
Outdoor Unit Noise Level	50 dBA
Recommended Area	Up to 30 m ² (80 m ³)
Dimensions (L x W x H)	79.2 x 19.5 x 27.9 cm (Indoor Unit)
Weight	42 kg (Total)
Special Feature	ReadyClim technology, WiFi module
Batteries Required	2 AA (for remote control)

9. WARRANTY AND SUPPORT

Your Airton air conditioner comes with a warranty. Please refer to the separate warranty booklet included in your package for detailed terms and conditions, including coverage period and claim procedures.

For technical support, service, or spare parts inquiries, please contact Airton customer service. Contact information can typically be found in your warranty booklet or on the official Airton website.