

[Manuals.plus](#) /

› [HOMCOM](#) /

› HOMCOM 12000 BTU Mini Split Air Conditioner 22 SEER2 115V Wifi Enabled User Manual

HOMCOM 823-089V80WT

HOMCOM 12000 BTU Mini Split Air Conditioner User Manual

Model: 823-089V80WT

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your HOMCOM 12000 BTU Mini Split Air Conditioner (Model 823-089V80WT). Please read it thoroughly before installation and use, and retain it for future reference. This unit offers both cooling and heating functions, high energy efficiency, and smart control capabilities.

2. SAFETY INFORMATION

Important Safety Instructions:

- Read all instructions before using the appliance.
- Installation must be performed by qualified personnel in accordance with all local and national electrical codes.
- Ensure the power supply matches the voltage specified on the unit's rating label (115V).
- Do not operate the unit with wet hands or when standing on wet surfaces.
- Keep children away from the unit.
- Do not block air inlets or outlets.
- Turn off the power supply before cleaning or maintenance.
- Use only the specified refrigerant (R32).
- Do not attempt to repair the unit yourself. Contact qualified service personnel.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. The unit is shipped in two separate boxes.

Comes in 2 Boxes

Packages may arrive separately

BOX 1

- 1 Indoor Unit
- 2 User Manual
- 3 8 Screws
- 4 8 Expansion Bolts
- 5 Remote Control
- 6 Indoor-Outdoor Unit Connection Cable
- 7 Drain Pipe
- 8 Wall Mounting Bracket Pre-Fitted To Indoor Unit

BOX 2

- 1 Outdoor Unit
- 2 2 Copper Connecting Pipes
- 3 Power Connection Cable
- 4 Adhesive Tape
- 5 Sealing Putty
- 6 Wall Sleeve
- 7 4 Anti-Vibration Pads
- 8 Outdoor Unit Drain Connector (Heating Mode)

Image: Components included in the HOMCOM Mini Split Air Conditioner package, divided into Box 1 (Indoor Unit, User Manual, Screws, Expansion Bolts, Remote Control, Connection Cable, Drain Pipe, Wall Mounting Bracket) and Box 2 (Outdoor Unit, Copper Connecting Pipes, Power Connection Cable, Adhesive Tape, Sealing Putty, Wall Sleeve, Anti-Vibration Pads, Outdoor Unit Drain Connector).

Box 1 Contents:

- Indoor Unit
- User Manual
- Screws (8 pcs)
- Expansion Bolts (8 pcs)
- Remote Control
- Indoor-Outdoor Unit Connection Cable
- Drain Pipe
- Wall Mounting Bracket (pre-fitted to Indoor Unit)

Box 2 Contents:

- Outdoor Unit
- Copper Connecting Pipes (2 pcs)
- Power Connection Cable
- Adhesive Tape
- Sealing Putty
- Wall Sleeve
- Anti-Vibration Pads (4 pcs)
- Outdoor Unit Drain Connector (for Heating Mode)

4. SETUP AND INSTALLATION

This mini split air conditioner includes a complete installation kit. However, installation of mini split systems requires specialized tools and knowledge of HVAC systems and electrical wiring. It is highly recommended that installation be performed by a certified HVAC technician to ensure proper function, safety, and to maintain warranty validity.

The installation kit includes a 9.8ft copper line set and 12.8ft interconnecting cables. Follow the detailed instructions provided in the included User Manual (PDF) for specific steps regarding mounting, piping, electrical connections, and vacuuming the lines.

750 Sq Ft Coverage



Image: The indoor unit installed in a living room, demonstrating its ability to cool and heat spaces up to 750 sq. ft. with 12000 BTU cooling and 12300 BTU heating capacity.

5. OPERATING INSTRUCTIONS

Your HOMCOM Mini Split Air Conditioner offers multiple operating modes and control options for optimal comfort.

5.1 Control Methods

- **LCD Remote Control:** Use the included remote for direct control of all functions.
- **Smart App (TUYA App):** Connect the unit to your 2.4GHz WiFi network and manage settings from your smartphone or tablet.
- **Voice Control:** Compatible with Alexa and Google Assistant for hands-free operation.

Seamless Smart Control

"Hey Alexa,
set my AC to cool mode"

"Okay"

Image: Seamless Smart Control via the TUYA App and voice commands with Alexa or Google Assistant.

Convenient Remote Access



7

Modes

Auto Fan Cool Sleep Heat ECO Dry

4

Wind Speeds

Low Mid High Auto

More Features: Display °F/°C 24H Timer Swing iClean iFeel Health

Image: Convenient Remote Access, displaying the remote control with options for 7 modes (Auto, Fan, Cool, Sleep, Heat, ECO, Dry) and 4 wind speeds (Low, Medium, High, Auto).

5.2 Operating Modes

- **Cool Mode:** Provides cooling to maintain your desired temperature.
- **Heat Mode:** Provides heating for colder conditions.
- **Dry Mode:** Dehumidifies the air.
- **Fan Mode:** Circulates air without cooling or heating.
- **ECO Mode:** Optimizes energy consumption for efficiency.
- **Auto Mode:** Automatically selects cooling or heating based on the ambient temperature.

5.3 Fan Speeds

Select from four fan speeds: Low, Medium, High, or Auto, to adjust airflow intensity.

5.4 Timer Function

Set the unit to turn on or off automatically within a 0.5 to 24-hour period.

5.5 Sleep Mode

Activates ultra-quiet operation (as low as 23dB) for undisturbed rest, while maintaining comfortable temperatures.

Ultra-Quiet Performance
For a more peaceful space

Timer
0.5-24H

10 dB 23 dB 40 dB 50 dB

Breathing Our Product Library Talking

The image shows a woman sitting on a couch, reading a book. An air conditioner unit is mounted on the wall, with blue light rays emanating from it. A noise level scale is shown at the bottom, with markers for 10 dB (Breathing), 23 dB (Our Product), 40 dB (Library), and 50 dB (Talking). A timer icon and text 'Timer 0.5-24H' are also present.

Image: Ultra-Quiet Performance, showing the noise level of the product (23 dB) compared to breathing (10 dB), a library (40 dB), and talking (50 dB).

6. MAINTENANCE

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

- **Filter Cleaning:** The unit features a mesh filter. Clean the air filter regularly (e.g., every two weeks) to maintain air quality and efficiency. Refer to the detailed manual for instructions on how to remove and clean the filter.
- **Self-Cleaning Function:** The unit includes a self-cleaning function to keep the indoor coil fresh and prevent mold

and bacteria buildup. Activate this function as recommended in the full user manual.

- **Outdoor Unit:** Keep the outdoor unit clear of debris, leaves, and other obstructions to ensure proper airflow.
- **Professional Check-up:** Consider an annual professional inspection and cleaning to ensure the system operates at peak efficiency.

7. TROUBLESHOOTING

If you encounter issues with your air conditioner, refer to the following common troubleshooting steps. For more complex problems, consult the full user manual or contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on	No power, circuit breaker tripped, remote control batteries dead.	Check power supply, reset circuit breaker, replace remote batteries.
Insufficient cooling/heating	Dirty air filter, blocked outdoor unit, incorrect mode setting, low refrigerant.	Clean air filter, clear obstructions from outdoor unit, select correct mode, contact technician for refrigerant check.
Unusual noise	Loose parts, foreign objects, fan imbalance.	Inspect for loose parts or objects. If noise persists, contact support.
Water leakage	Clogged drain pipe, improper installation.	Check and clear drain pipe. If issue persists, professional inspection is needed.
WiFi connection issues	Incorrect WiFi password, router too far, 5GHz network selected.	Ensure correct password, move router closer, connect to 2.4GHz network.

8. SPECIFICATIONS

Key technical specifications for the HOMCOM 12000 BTU Mini Split Air Conditioner (Model 823-089V80WT).



Image: Detailed specifications including dimensions of indoor (82.7W x 30H x 20D cm) and outdoor (70.5W x 53H x 28D cm) units, cooling capacity (12000 BTU), heating capacity (12300 BTU), SEER2 (22), voltage (115V/60Hz), airflow volume (665 CFM), max fuse size (15A), and noise levels (Indoor 42dB, Outdoor 53dB, Sleep Mode 23dB).

Feature	Specification
Model Number	823-089V80WT
Cooling Capacity	12000 BTU
Heating Capacity	12300 BTU
SEER2 Rating	22
Voltage	115V
Refrigerant	R-32
Coverage Area	Up to 750 Sq. Ft.

Feature	Specification
Noise Level (Sleep Mode)	23 dB
Control Methods	App, Remote, Voice (Alexa, Google Assistant)
Indoor Unit Dimensions (DxWxH)	20D x 82.7W x 30H cm
Outdoor Unit Dimensions (DxWxH)	28D x 70.5W x 53H cm
Total Product Weight	34.93 kg
Annual Energy Consumption	139 kWh per year
Operating Temperature Range (Heating)	Down to 5°F (-15°C)
Operating Temperature Range (Cooling)	Up to 122°F (50°C)



36%

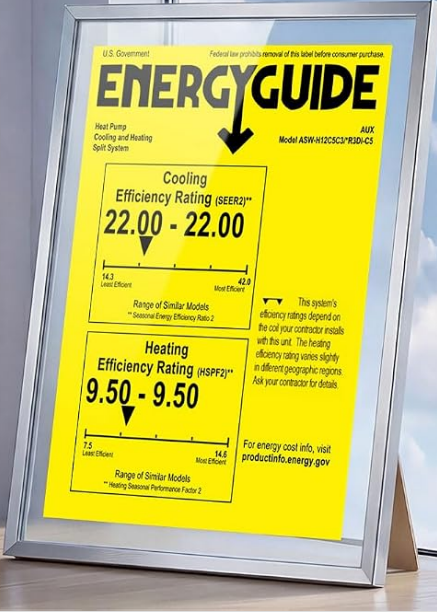
Ours
22 SEER2

Other
14 SEER2

Efficiency Meets Savings

Harness the power of inverter technology

- ⚡ High Energy Efficiency
- 💧 Lower Energy Costs



U.S. Government Federal law prohibits removal of this label before consumer purchase

ENERGYGUIDE

Heat Pump Cooling and Heating Split System Model ASW-H125C3*93D-05

Cooling Efficiency Rating (SEER2)**
22.00 - 22.00

Heating Efficiency Rating (HSPF2)**
9.50 - 9.50

Range of Similar Models
** Seasonal Energy Efficiency Ratio 2

This system's efficiency ratings depend on the cool your contractor installs with this unit. The heating efficiency rating varies slightly in different geographic regions. Ask your contractor for details.

For energy cost info, visit productinfo.energy.gov

Image: Energy Guide label highlighting the SEER2 22 rating for high energy efficiency and lower energy costs.

Industry-Leading Warranty

Your comfort is protected, season after season.



5-Year General Parts

For maximum system durability.



5-Year Care Compressor

The powerful heart of your AC, guaranteed.



Lifetime Tech Support

Dedicated customer care and troubleshooting.

Advanced Base Heater

Prevents freezing for reliable outdoor operation

Cool even at

122°F

Heating even at

5°F



Image: Advanced Base Heater feature, ensuring reliable outdoor operation for heating even at 5°F and cooling even at 122°F.

9. WARRANTY AND SUPPORT

Your HOMCOM Mini Split Air Conditioner is backed by a limited warranty and dedicated customer support.

- **Warranty:** 90 Day Warranty Against Manufacturer Defects.
- **Extended Warranty Information:**
 - 5-Year General Parts Warranty for maximum system durability.
 - 5-Year Compressor Warranty for the powerful heart of your AC.
- **Technical Support:** Lifetime Technical Support is available for dedicated customer care and troubleshooting assistance.
- **Manufacturer Contact:** Aosom Canada, Markham, Ontario, CA. Telephone: [1-416-792-6088](tel:1-416-792-6088).

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question