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› Uhome 12000 BTU Portable Air Conditioner with Heater User Manual

Uhome UPF1-12H

Uhome 12000 BTU Portable Air Conditioner with Heater User Manual

Model: UPF1-12H

INTRODUCTION

Thank you for choosing the Uhome 12000 BTU Portable Air Conditioner with Heater. This versatile 4-in-1 unit provides cooling, heating, dehumidification, and fan functions, designed to offer optimal comfort in various indoor environments. This manual provides detailed instructions for safe operation, installation, maintenance, and troubleshooting to ensure efficient and long-lasting performance of your appliance.





Figure 1: Uhome 12000 BTU Portable Air Conditioner with Heater

This image shows the Uhome 12000 BTU Portable Air Conditioner with Heater from a front-side angle, highlighting its compact design and control panel.

SAFETY INFORMATION

Please read all safety warnings and instructions carefully before using this appliance to prevent injury or damage. Keep this manual for future reference.

- Ensure the unit is placed on a stable, level surface.
- Do not operate the unit near open flames or heat sources.
- Always unplug the unit before cleaning or performing any maintenance.
- Do not block the air inlets or outlets. Maintain at least 12 inches of clearance around the unit.
- Do not insert fingers or objects into the air outlet.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance

by a person responsible for their safety.

- Children should be supervised to ensure that they do not play with the appliance.
- Use only the power supply specified in the specifications.

PRODUCT OVERVIEW

The Uhome portable air conditioner is designed for ease of use and mobility. It features a user-friendly control panel and convenient handles and casters for easy relocation.



Figure 2: Unit Dimensions and Mobility Features

This image illustrates the dimensions of the Uhome portable AC unit (13.39"D x 17.44"W x 32.68"H) and highlights its built-in handles and four 360-degree casters for easy movement.

Components Included:

- Portable Air Conditioner Unit
- Remote Control
- Exhaust Duct
- Drain Hose
- Window Plates (Window Kit)
- User Manual (this document)

What's in the box?



Figure 3: Included Components

This image displays all the components included in the product packaging: the main unit, remote control, exhaust duct, drain hose, and window plates.

SETUP AND INSTALLATION

Proper installation is crucial for the efficient operation of your portable air conditioner. Follow these steps to set up your unit.

1. Positioning the Unit:

Place the unit on a flat, stable surface, ensuring there is at least 12 inches (30 cm) of space around the unit for proper airflow. The unit is equipped with 360-degree casters for easy movement between rooms.

2. Window Kit Installation:

The window kit is designed for most standard vertical or horizontal sliding windows. It includes adjustable window plates to fit window openings from 37 inches to 50.2 inches. For larger openings (53.15" - 73.62"), contact customer support for additional parts.

1. Assemble the window plates to fit your window opening. Secure them with screws if necessary.

2. Open the window and place the assembled window kit into the window frame. Close the window firmly against the kit to secure it.
3. Attach one end of the exhaust duct to the unit's exhaust outlet and the other end to the opening in the window kit. Ensure a tight seal to prevent air leakage.



Figure 4: Window Kit Setup

This image demonstrates the installation of the window kit with the exhaust hose connected, showing how the unit vents hot air outside through a sliding window.

3. Power Connection:

Plug the power cord into a grounded 115V electrical outlet. Ensure the outlet meets the unit's power requirements to avoid tripping breakers. It is recommended to use a dedicated circuit for the appliance.

OPERATING INSTRUCTIONS

Your Uhome portable air conditioner offers four operational modes: Cool, Heat, Fan, and Dehumidifier. You can control the unit using the LED display panel or the included remote control.

4-In-1 Multiple Setting Options

Air Conditioner + Fan + Heater + Dehumidifier



Figure 5: 4-in-1 Multiple Setting Options

This image visually represents the four main functions of the unit: Air Conditioner (snowflake icon), Fan (fan icon), Heater (sun icon), and Dehumidifier (water drop icon).

Control Panel and Remote Control:

The control panel on top of the unit and the remote control provide access to all functions. The remote control allows operation from up to 7 meters away.



Figure 6: Remote Control and Air Flow

This image shows the portable AC unit in a bedroom setting, with a hand holding the remote control, indicating signal reception within 7 meters and illustrating the air flow (360 m³/h).

Mode Selection:

- **Cool Mode:** For cooling the room. Set desired temperature between 60°F and 86°F.
- **Heat Mode:** For heating the room. Set desired temperature between 60°F and 86°F.
- **Fan Mode:** Circulates air without cooling or heating. Choose from High, Mid, or Low fan speeds.
- **Dehumidifier Mode:** Removes excess moisture from the air (up to 91 pints/day).

Additional Functions:

- **Timer:** Program the unit to automatically turn on or off within a 24-hour period.
- **Swing:** Activates the automatic air swing function to adjust the wind direction for wider air distribution.
- **Sleep Mode:** Reduces fan speed and noise for quiet operation during sleep.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your Uhome portable air conditioner.

1. Cleaning the Air Filter:

The washable dust filters trap dirt and debris, improving indoor air quality. Clean the filter every two weeks or more frequently depending on usage and air quality.

1. Unplug the unit from the power outlet.
2. Locate and remove the air filter from the back or side of the unit.
3. Wash the filter under running water (warm, soapy water if heavily soiled).
4. Allow the filter to air dry completely before reinserting it into the unit.

2. Draining Water:

The unit features a self-evaporating system, which typically reduces the need to empty water trays. However, in high humidity conditions or when using dehumidifier mode, the internal water tank may fill up. The unit will display "FL" (Full) and stop operating when the tank is full.

1. Unplug the unit.
2. Place a shallow pan or bucket under the drain outlet at the back of the unit.
3. Remove the drain plug to allow water to flow out.
4. Once drained, replace the drain plug securely.

3. Storage:

If storing the unit for an extended period, ensure it is completely drained and the filter is clean and dry. Store in a cool, dry place, preferably covered to protect from dust.

TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; Power cord not plugged in; Circuit breaker tripped; Water tank full.	Check power supply; Ensure cord is securely plugged in; Reset circuit breaker; Drain water tank (if "FL" displayed).
Unit does not cool/heat effectively.	Air filter clogged; Room too large; Doors/windows open; Exhaust hose not properly installed; Temperature setting too high/low.	Clean air filter; Ensure room size is within 400 sq. ft.; Close all doors/windows; Check exhaust hose connection; Adjust temperature setting.
Unit is noisy.	Unit not on a level surface; Air filter clogged.	Place unit on a flat, stable surface; Clean air filter.
"FL" indicator is on.	Water tank is full.	Drain the water tank as per maintenance instructions.

SPECIFICATIONS

Detailed technical specifications for the Uhome 12000 BTU Portable Air Conditioner with Heater.

Feature	Detail
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Feature	Detail
Brand Name	Uhome
Model Info	UPF1-12H
Cooling Power	12000 British Thermal Units (BTU)
Heating Power	12000 British Thermal Units (BTU)
Item Weight	57.3 pounds
Product Dimensions	13.39 x 17.44 x 32.68 inches
Coverage Area	Up to 400 Square Feet
Noise Level	52 dB
Voltage	115 Volts
Wattage	1380 watts
Refrigerant	R-32
Filter Type	Washable Filter
Certification	ETL
Included Components	Remote control, Exhaust duct, Drain hose, Manual, Window plates

U.S. Government

Federal law prohibits removal of this label before consumer purchase.

ENERGYGUIDE

Portable Air Conditioner

Uhome
Model UPF1-12H
Capacity 7,800 BTUs



Estimated Yearly Energy Cost

\$101



Cost Range of Similar Models

7.5

Combined Energy Efficiency Ratio

Your cost will depend on your utility rates and use.

- Cost range based only on models of similar capacity.
- Estimated energy cost based on a national average electricity cost of 13 cents per kWh and a seasonal use of 8 hours a day over a 3 month period.
- For more information, visit www.ftc.gov/energy.

Figure 7: Energy Guide Label

This image displays the U.S. Government EnergyGuide label for the portable air conditioner, showing an estimated yearly energy cost of \$101 and a Combined Energy Efficiency Ratio of 7.5.

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation. You may also find additional support resources on the Uhome official website.

For common issues, please consult the troubleshooting section of this manual. For further assistance, please contact customer support.

- **Customer Support:** Refer to your purchase receipt or product packaging for specific contact information.
- **Online Resources:** Check the manufacturer’s website for FAQs, updated manuals, and product registration.

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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

Answered questions about this manual

Why does my Uhome UPF1-12H portable air conditioner beep every few seconds while the screen displays '0' and the timer light turns on?

Based on the Uhome UPF1-12H manual, the behavior you are describing is likely related to the Timer function being active or stuck in a programming loop. When the timer light is on and the...

[Read full answer](#)