

Acekool Portable Air Conditioners

Acekool Portable Air Conditioner User Manual

Model: Portable Air Conditioners



1. INTRODUCTION

Thank you for choosing the Acekool Portable Air Conditioner. This 3-in-1 unit provides powerful cooling, dehumidifying, and fan functions, designed to create a comfortable environment in your home, office, or bedroom. With its 8000 BTU cooling capacity, it is suitable for rooms up to 350 square feet. This manual provides essential information for safe operation, installation, maintenance, and troubleshooting to ensure optimal performance and longevity of your appliance.



Image 1.1: The Acekool Portable Air Conditioner unit shown with its remote control. The unit is white, rectangular, and features a front grille and control panel on top, with wheels at the base for portability.

2. 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.

- Always operate the unit on a stable, level surface.
- Do not block air inlets or outlets. Maintain at least 20 cm (8 inches) clearance around the unit.
- Do not insert objects into the air vents.
- Ensure the power cord is not damaged and is properly grounded.
- Unplug the unit before cleaning or performing any maintenance.
- Do not use the unit in wet or damp environments, such as bathrooms.
- Keep children and pets away from the unit during operation.

- If the unit is damaged, do not attempt to repair it yourself. Contact qualified service personnel.

3. PRODUCT FEATURES

- **Fast Cooling:** 8000 BTU cooling capacity for rooms up to 350 sq. ft. with thermostat control between 64°F and 90°F.
- **3-in-1 Functionality:** Combines powerful cooling, dehumidifying, and multi-function fan modes.
- **Intelligent/Sleep Mode:** Maintains optimal temperature at low speeds for quiet operation.
- **24-Hour Timer:** Allows setting automatic on/off times for energy saving.
- **Easy Installation:** Includes a window kit with slider bracket, exhaust hose, inlet/outlet hoses, locking screws, and drain hose.
- **Portability:** Equipped with 360° rotating castor wheels and built-in handles for easy relocation.
- **Automated Dehumidify Technology:** Features self-evaporation technology for automatic atomizing of condensed water, with a capacity of 39 pints per day.
- **Adjustable Airflow:** Directional louvers allow for 4-direction cool wind blowing.

3-in-1 Modes & 2 Wind Speed



Image 3.1: Illustration of the three operating modes: Cool (61°F-88°F), Dry (45 pints/day dehumidification), and Fan (Low/High speed). Each mode is depicted with an icon and a visual representation of airflow or moisture removal.

New Upgrade Automated Dehumidify Technology



Image 3.2: The portable air conditioner unit with an overlay indicating its 45 pints/day dehumidification capacity, highlighting its automated dehumidify technology. A window with condensation is shown on the right, representing the "Before" state, and a clear window on the left, representing the "After" state.

4. PARTS LIST

The following components are included with your Acekool Portable Air Conditioner:

- Portable Air Conditioner Unit
- Remote Control (1)
- Exhaust Air Duct / Exhaust Hose (1)
- Drainage Pipe / Drain Hose (1)
- Window Isolation Kit (Slider Bar x 1, Slider Bar Connector x 1)
- Exhaust Pipe Joint (2)

Come Everything You Need

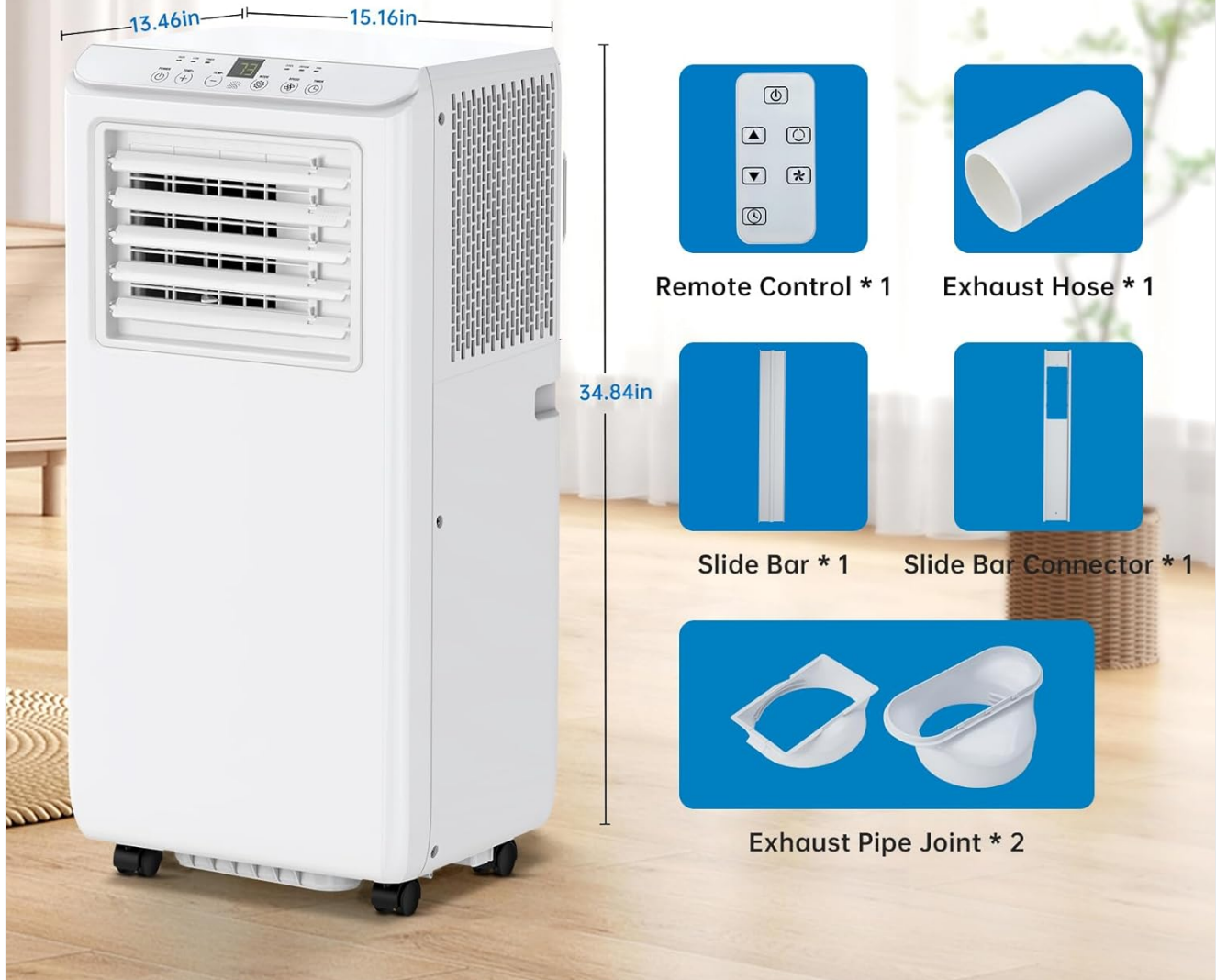


Image 4.1: A visual representation of the portable air conditioner unit with its dimensions (13.46in W x 15.16in D x 34.84in H) and all included accessories: remote control, exhaust hose, slide bar, slide bar connector, and exhaust pipe joints.

5. SETUP AND INSTALLATION

Follow these steps to set up your portable air conditioner for optimal performance.

5.1 Unit Placement

- Place the unit on a firm, level surface in the desired room.
- Ensure there is at least 20 cm (8 inches) of space around the unit for proper airflow.
- The unit is suitable for various locations including bedrooms, living rooms, offices, and garages.

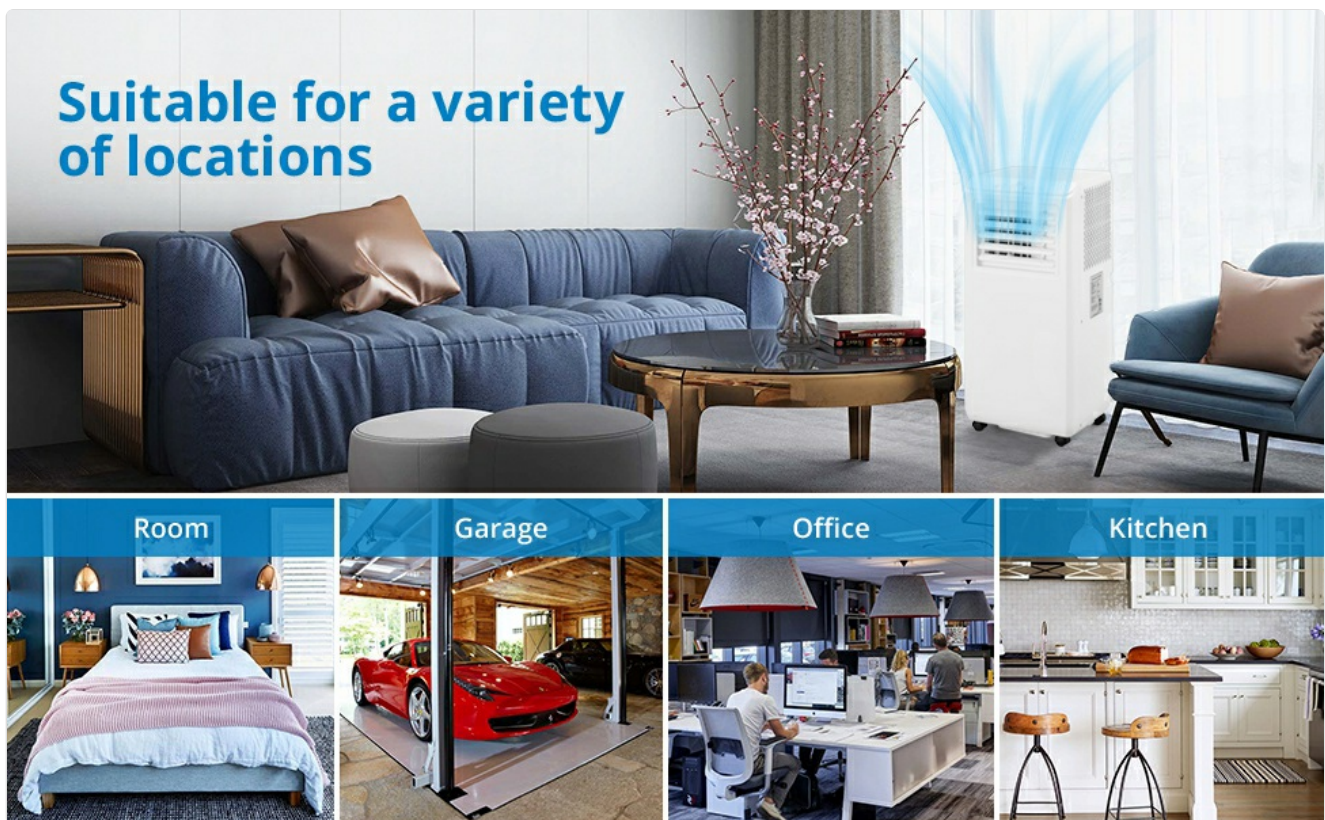


Image 5.1: Examples of suitable locations for the portable air conditioner, including a bedroom, garage, office, and kitchen, demonstrating its versatility.

5.2 Window Kit and Exhaust Hose Installation

1. Connect the exhaust hose to the exhaust pipe joint.
2. Attach the other end of the exhaust hose to the air outlet on the back of the unit.
3. Assemble the window slider kit by connecting the slider bar and slider bar connector. Adjust its length to fit your window opening.
4. Insert the exhaust pipe joint into the opening of the window slider kit.
5. Place the assembled window kit into your window frame, ensuring a secure fit to prevent air leakage.
6. Extend the exhaust hose to the window kit, ensuring it is straight and not kinked to allow for efficient hot air exhaust.
7. For continuous drainage in dehumidifier mode, connect the drainage pipe to the drain port on the unit and direct the other end into a suitable container or drain.

Installation Steps of the Exhaust Hose



Image 5.2: A six-panel diagram illustrating the installation steps for the exhaust hose and window kit. It shows how to attach the hose to the unit, assemble the window slider, and secure the hose in the window opening.

6. OPERATING INSTRUCTIONS

Your Acekool Portable Air Conditioner can be operated using the LED touch panel on the unit or the included remote control.

6.1 Control Panel and Remote Control Overview

LED Touch Panel with Remote Control

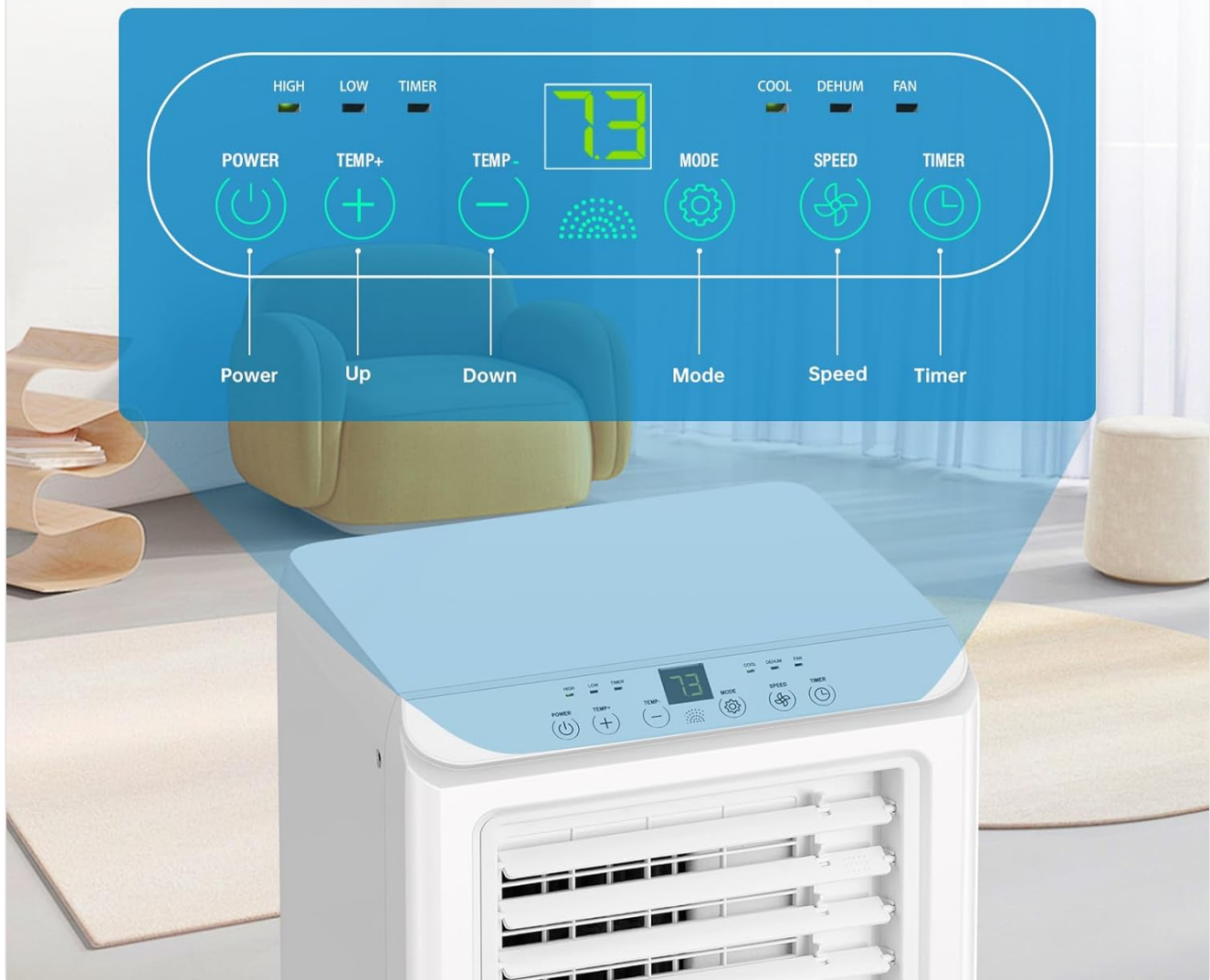


Image 6.1: A detailed view of the LED touch control panel on top of the unit, showing buttons for Power, Temperature Up/Down, Mode, Speed, and Timer. The display shows the current temperature (e.g., 73°F).

- **Power Button:** Turns the unit on or off.
- **Temp +/- Buttons:** Adjusts the desired temperature (64°F to 90°F).
- **Mode Button:** Cycles through Cool, Dehumidify (Dry), and Fan modes.
- **Speed Button:** Adjusts fan speed (Low/High).
- **Timer Button:** Sets the 24-hour timer for automatic on/off.

6.2 Operating Modes

- **Cool Mode:** Provides powerful cooling. Set your desired temperature. The unit will cool until the room reaches the set temperature.
- **Dehumidify (Dry) Mode:** Removes excess moisture from the air. The fan operates at a fixed low speed. Ensure the drainage pipe is connected for continuous drainage.
- **Fan Mode:** Circulates air without cooling. Choose between low and high fan speeds.
- **Sleep Mode:** Activates automatically when the timer is set for overnight operation. The unit will maintain optimal temperature at low fan speeds for quiet operation.

6.3 Adjusting Airflow Direction

The unit features adjustable louvers on the front. Manually adjust these louvers to direct the cool air in the desired direction.



Image 6.2: The portable air conditioner unit positioned in a room, demonstrating how its directional louvers can be adjusted to blow cool air in four different directions, optimizing airflow distribution.

7. MAINTENANCE

Regular maintenance ensures the efficiency and longevity of your air conditioner.

7.1 Cleaning the Air Filter

- The unit is equipped with a standard filter.
- Clean the air filter every two weeks or more frequently if the unit is used in a dusty environment.
- To clean, remove the filter from the back of the unit.
- Wash the filter with warm, soapy water. Rinse thoroughly and allow it to air dry completely before reinserting.

7.2 Draining Condensed Water

- In Cool mode, the unit utilizes self-evaporation technology, which atomizes condensed water and expels it with the exhaust air. This minimizes the need for manual drainage.

- In Dehumidify mode, or if the humidity is very high, the internal water tank may fill up. When the tank is full, the unit will stop operating and an indicator light may illuminate.
- To drain, turn off the unit and unplug it.
- Locate the drain port at the bottom rear of the unit.
- Place a shallow pan or tray beneath the drain port. Remove the drain plug to allow water to flow out.
- Once drained, replace the drain plug securely.
- For continuous drainage in Dehumidify mode, connect the provided drainage pipe to the drain port and direct it to a floor drain or a larger container.

7.3 Storage

- Before storing, ensure all water is drained from the unit.
- Clean the air filter.
- Unplug the power cord and coil it neatly.
- Store the unit in a cool, dry place, away from direct sunlight and extreme temperatures.

8. TROUBLESHOOTING

Refer to this section for common issues and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; power cord unplugged; circuit breaker tripped.	Ensure unit is plugged in; check power outlet; reset circuit breaker.
Unit is not cooling effectively.	Air filter clogged; room too large; windows/doors open; exhaust hose not properly installed or kinked; temperature setting too high.	Clean air filter; ensure room size is within specifications (350 sq. ft.); close windows/doors; check exhaust hose for proper installation and kinks; lower temperature setting.
Unit is leaking water.	Drain plug not secured; internal water tank full (in dehumidify mode); unit not level.	Ensure drain plug is tightly closed; drain the internal water tank; place unit on a level surface.
Unit is noisy.	Unit not on a level surface; fan speed too high; internal components vibrating.	Place unit on a level surface; reduce fan speed; ensure nothing is obstructing the fan.
Remote control not working.	Batteries dead or incorrectly inserted; remote not pointed at unit sensor.	Replace batteries; ensure correct polarity; point remote directly at the unit's sensor.

9. SPECIFICATIONS

Model Number	Portable Air Conditioners
Brand	Acekool
Cooling Power	8000 British Thermal Units (BTU)
Floor Area Coverage	Up to 350 Square Feet

Dehumidification Capacity	39 Pints/Day
Product Dimensions	15.16"D x 13.46"W x 34.84"H
Item Weight	50.4 pounds
Voltage	115 Volts
Noise Level	51 dB
Refrigerant	R 410A
Filter Type	Standard filter
Color	White

10. WARRANTY AND CUSTOMER SUPPORT

Your Acekool Portable Air Conditioner comes with a **1-Year Warranty** from the date of purchase. For warranty claims, technical assistance, or any questions regarding your product, please contact Acekool customer support. Refer to the contact information provided with your purchase documentation or visit the official Acekool website.


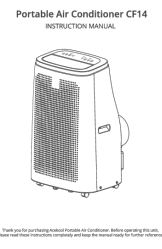
For more information, you can visit the [Acekool Store on Amazon](#).



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This manual is for informational purposes only. Product specifications are subject to change without notice.

Related Documents - Portable Air Conditioners

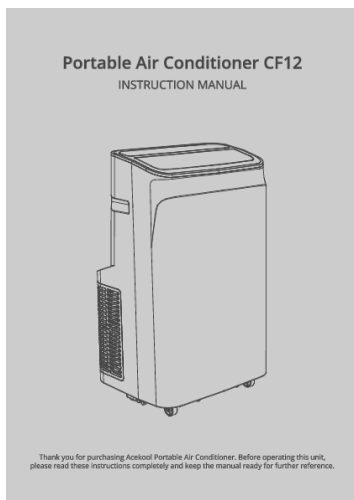
<div></div>	<p>Acekool Window Air Conditioner CW4 User Manual</p> <p>User manual for the Acekool Window Air Conditioner CW4, providing comprehensive safety instructions, assembly guides, operating procedures, and troubleshooting tips for efficient and safe operation.</p>
<div></div>	<p>Acekool PAC-M01 Portable Air Conditioner: Instruction Manual</p> <p>This instruction manual provides detailed information on operating, installing, maintaining, and troubleshooting the Acekool PAC-M01 Portable Air Conditioner. Includes safety precautions, features, and control settings.</p>

[\[pdf\]](#) Guide Test Report

Jeff Zhang Intertek 212725 3855036 Energy Guide US Babevy 14000 BTU Wi Fi Connected Portable Air Conditioner babevy bbov2367 KT PHO 109JQCO1212725 10000 bbov2368 10FE3UOT212725 12000 bbov2371 0XJ11HNO212725 bbov2372 10A14U39212725 bbov2375 0XJ34SDC212725 bbov2376 0UIH2JET212725 bbov2377 0UIH6H5J212725 bbov2380 0XJ1J44A212725 bbov2381 109IOPP3212725 bbov2384 0UIH4QBM212725 bbov2390 109JZ5NJ212725 bbov2391 0XJ0O4PK212725 8000 bbov2362 10G024Q2212725 bbov2363 0XHWSTFL212725 bbov2364 107L5KA9212725 bbov2365 107LPIZ1212725 bbov2366 107IBL48212725 bbov2369 10F8KGR3212725 bbov2370 10G2TS7T212725 bbov2379 108W6IO3212725 bbov2382 0XHWJFXX212725 bbov2383 0XHWW41K212725 bbov2385 107IXFG1212725 bbov2387 10G4S3CZ212725 bbov2388 10G432QL212725 Window bbov2374 0WPZBUY9212725 bbov2373 0WPX3CAE212725 6000 bbov2378 0WPUZ5B5212725 5000 bbov2386 0Y8ALVOQ212725 bbov2389 0WQ0PYCUBabevy 109JQCO1babevy 10FE3UOTbabevy 0XJ11HNObabevy 10A14U39babevy 0XJ34SDCbabevy 0UIH2JETbabevy 0UIH6H5Jbabevy 0XJ1J44Ababevy 109IOPP3babevy 0UIH4QBMbabevy 109JZ5NJbabevy 0XJ0O4PKbabevy 10G024Q2babevy 0XHWSTFLbabevy 107L5KA9babevy 107LPIZ1babevy 107IBL48babevy 10F8KGR3babevy 10G2TS7Tbabevy 108W6IO3babevy 0XHWJFXXbabevy 0XHWW41Kbabevy 107IXFG1babevy 10G4S3CZbabevy 10G432QLbabevy 0WPZBUY9babevy 0WPX3CAEbabevy 0WPUZ5B5babevy 0Y8ALVOQbabevy 0WQ0PYCU212725 energy guide us212725 ussecure img1 ag wfdn dm document 42866855 8cc1 4d22 85a9 e1998dc10874 us |||

Acekool Innovation INC TEST REPORT SCOPE OF WORK ENERGY EFFICIENCY TESTING - PORTABLE AIR CONDITIONER - PAC-M01 REPORT NUMBER 211228014GZU-001 ISSUE DATE 11-Jan-2022 REVISED DATE NONE PAGES 11 DOCUMENT CONTROL NUMBER PAC-US-TRF_V1.1 24-05-2021 2021 INTERTEK Testing Laboratory: Address:...

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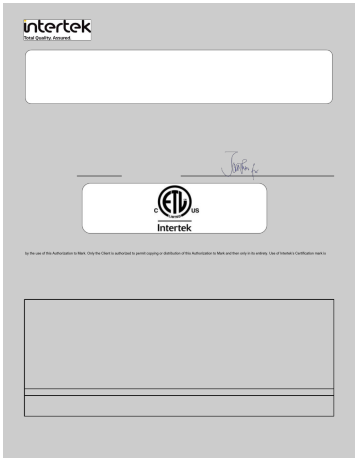


[\[pdf\]](#) User Manual Instructions Catalog

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Speed Key ...

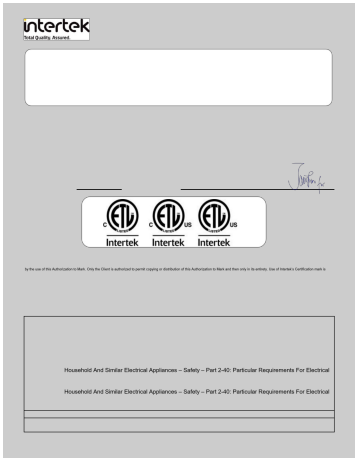
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[Intertek Authorization to Mark for Zhejiang Oulun Electric Co., Ltd.](#)

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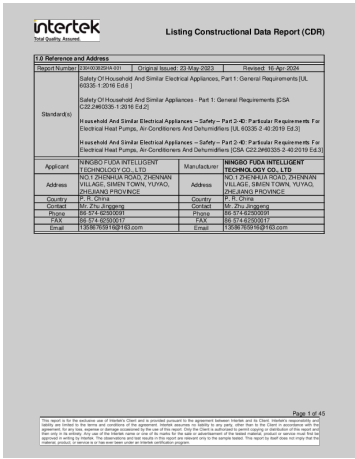
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[\[pdf\] Catalog](#)

Constructional Data Report Standard Multi Mark Gil Diaz JINJUNYE 10 000 BTU 3 in 1 Portable Air Conditioner with 2 Fan Speeds Dehumidifier Mode R32 Refrigerant White Y THD 450062 01 c The Home Depot3a5bef4a 03b9 4523 b0c9 13808227a5ccimages thdstatic catalog Images 3a 3a5bef4a 13808227a5cc DepotJINJUNYE DJ 13808227a5ccf894c9c8 173b 4c9a 9d0d b89eb7ca8ca6images f8 f894c9c8 b89eb7ca8ca6 ||| ||| AUTHORIZATION TO MARK This authorizes the application of the Certification Mark s shown below to the models described in the Product s Covered section when made in accordance with the conditions set forth in the Certification Agreement and AUTHORIZATION TO MARK This authorizes the application of the Certification Mark s shown below to the models described in the Product s Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multip...

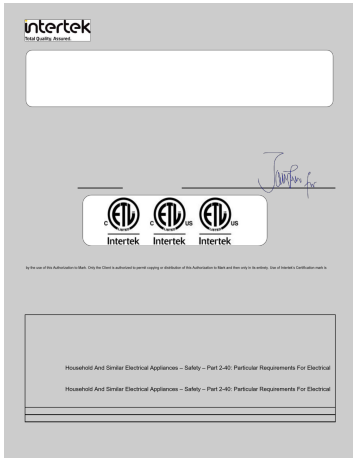
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[Ningbo Fuda Intelligent Technology Portable Air Conditioner Constructional Data Report](#)

This Intertek Listing Constructional Data Report (CDR) details the compliance of NINGBO FUDA INTELLIGENT TECHNOLOGY CO., LTD's portable air conditioners with UL and CSA safety standards, covering critical components and testing.

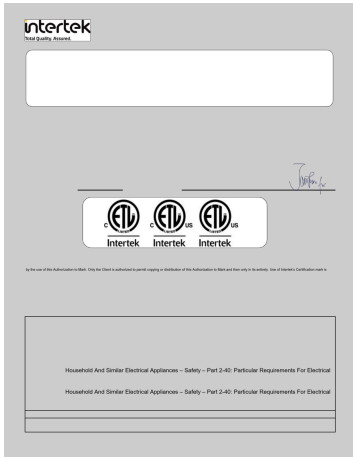
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[Intertek Authorization to Mark for Portable Air Conditioners](#)

This document from Intertek authorizes the application of certification marks to portable air conditioner models manufactured by Ningbo Fuda Intelligent Technology Co., Ltd., listing various brand names and applicable standards.

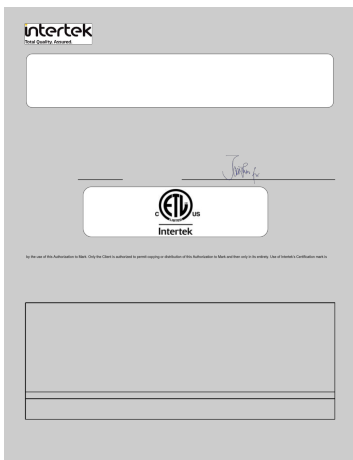
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[Intertek Authorization to Mark for Ningbo Fuda Intelligent Technology Co., Ltd.](#)

This document from Intertek confirms the authorization for Ningbo Fuda Intelligent Technology Co., Ltd. to apply the Intertek Certification Mark to their portable air conditioner models. It lists applicable standards and a comprehensive range of product model numbers.

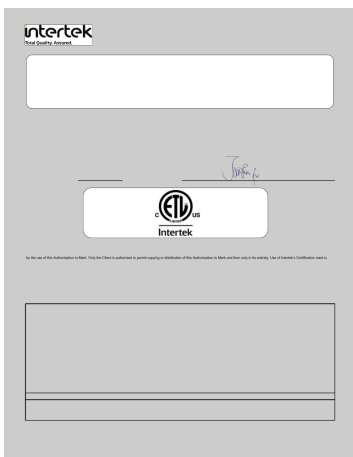
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[Intertek Authorization to Mark for Zhejiang Oulun Electric Co., Ltd. Portable Air Conditioners](#)

This document authorizes the application of the Intertek Certification Mark to portable air conditioner models manufactured by Zhejiang Oulun Electric Co., Ltd., as described in the product covered section. It details the applicant, manufacturer, authorized party, standards, and specific model numbers.

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