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› AIKE AK2005H HEPA Filtered Vertical Hand Dryer Instruction Manual

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AIKE AK2005H HEPA Filtered Vertical Hand Dryer Instruction Manual

Model: AK2005H

INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your AIKE AK2005H HEPA Filtered Vertical Hand Dryer. Please read these instructions thoroughly before installation and use, and retain for future reference.



Image: Multiple AIKE AK2005H hand dryers installed in a commercial restroom setting.

SAFETY INSTRUCTIONS

- Ensure the power supply matches the specifications of the hand dryer (110-130V).
- Installation must be performed by a qualified electrician in accordance with local electrical codes.
- Do not immerse the unit in water or other liquids.
- Do not operate the hand dryer with a damaged cord or plug.
- Keep hands and foreign objects away from the air outlet during operation.
- Regularly clean and maintain the unit as described in the maintenance section to ensure optimal performance and hygiene.

PRODUCT FEATURES

- **Powerful Drying:** 1850 watts commercial jet hand dryer for 7-10 second fast drying.
- **Advanced Filtration:** Built-in two-stage HEPA filter cleans the air before it blows on your hands.
- **Durable Construction:** Extremely durable, impact-resistant ABS polycarbonate cover.
- **Adjustable Settings:** Smart warm wind and two options for air velocity (high/low).
- **Hygienic Design:** Automatic, touch-free operation.

- **Easy Maintenance:** Removable drain tank and replaceable HEPA filter.

SPECIFICATIONS

Feature	Detail
Model Number	AK2005H
Power	1850 Watts
Voltage	110-130V
Drying Time	7-10 seconds
Filter Type	Two-stage HEPA filter
Cover Material	ABS Polycarbonate
Product Dimensions	26.97 x 11.81 x 8.66 inches
Item Weight	18.7 pounds

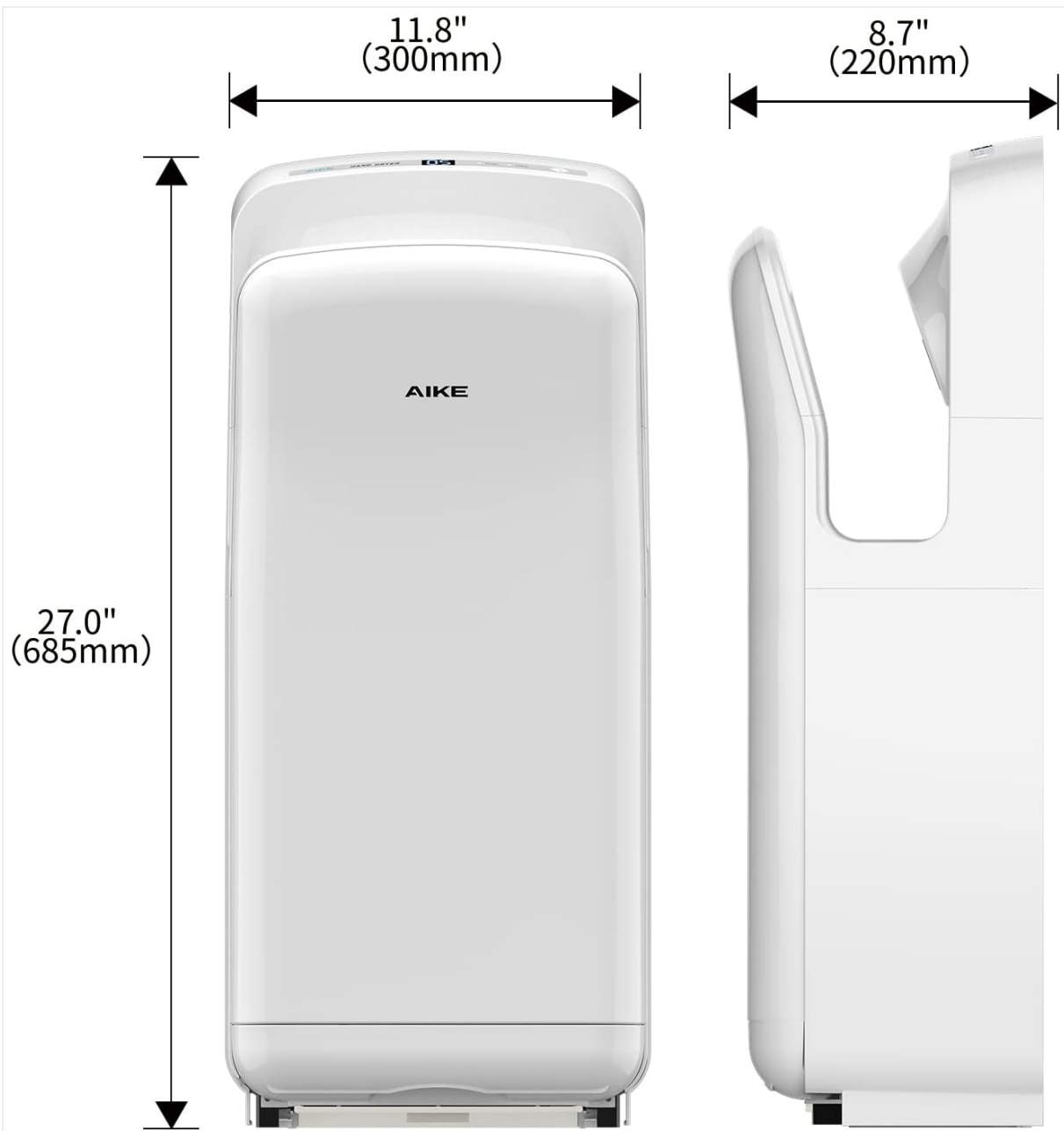


Image: Product dimensions for the AIKE AK2005H hand dryer, showing height, width, and depth.

SETUP AND INSTALLATION

The AIKE AK2005H hand dryer is designed for wall-mounted installation. Professional installation is recommended to ensure proper wiring and secure mounting.

1. **Choose Location:** Select a suitable wall location, ensuring adequate space around the unit for use and maintenance. Consider proximity to a power source.
2. **Mounting:** Securely mount the hand dryer to the wall using appropriate hardware for your wall type. Ensure it is level and firmly attached.
3. **Electrical Connection:** This unit is designed for hardwired installation. Connect the electrical wiring (Live, Neutral, Ground) to the terminal block located behind the access panel. Refer to the diagram below for correct connections.

Hardwired Friendly

easy to reach the connector

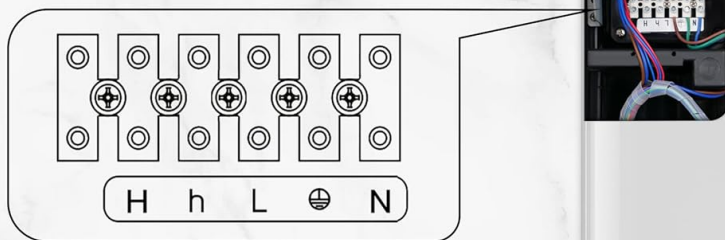


Image: Diagram showing the hardwired electrical connection points (H, h, L, N) for the AIKE hand dryer, indicating where to connect power wires.

4. **Initial Power-Up:** After installation, restore power to the circuit. The unit should power on, indicated by blue lights and a display.

OPERATING INSTRUCTIONS

The AIKE AK2005H hand dryer features automatic, touch-free operation for maximum hygiene.

1. **Activate:** Place your hands into the drying chamber from the top opening. Sensors will detect your hands and activate the airflow.
2. **Drying Process:** Move your hands slowly up and down within the drying chamber to ensure all surfaces are dried evenly. The unit will typically dry hands within 7-10 seconds. A countdown timer may be visible on the display.
3. **Deactivate:** Remove your hands from the drying chamber. The airflow will automatically stop.

Commercial Vertical Hand Dryer

Take performance to the Max



Image: A person demonstrating the use of the AIKE vertical hand dryer by placing hands into the drying slot.

Adjusting Settings (Hidden Switch)

The hand dryer includes a hidden switch panel for adjusting heat and speed settings. This panel is typically located on the side of the unit, accessible by opening a small cover.



Image: Close-up of the AIKE hand dryer showing the hidden switch panel with controls for 'Hot' (On/Off) and 'Speed' (H/L), along with the dual air outlet and drain tank.

- **Heat Setting:** Use the "HOT" switch to turn the warm wind feature ON or OFF.
- **Speed Setting:** Use the "SPEED" switch to select between High (H) or Low (L) air velocity.

MAINTENANCE

Regular maintenance ensures the longevity and hygienic performance of your AIKE hand dryer.

1. **Exterior Cleaning:** Wipe the exterior surface with a soft, damp cloth and mild detergent. Do not use abrasive cleaners or solvents.
2. **Drain Tank Emptying:** The hand dryer is equipped with a drain tank to collect excess water. Periodically check and empty the drain tank to prevent overflow and maintain hygiene. The drain tank is typically located at the bottom of the unit and can be pulled out for emptying.
3. **HEPA Filter Replacement:** The two-stage HEPA filter should be inspected and replaced periodically, depending on usage and environmental conditions. A dirty filter can reduce airflow and efficiency. The filter is accessible from the bottom of the unit.

Two-Stage HEPA Filter

HEPA Filter captures 99.97% of dust and allergens from moist toilet environment

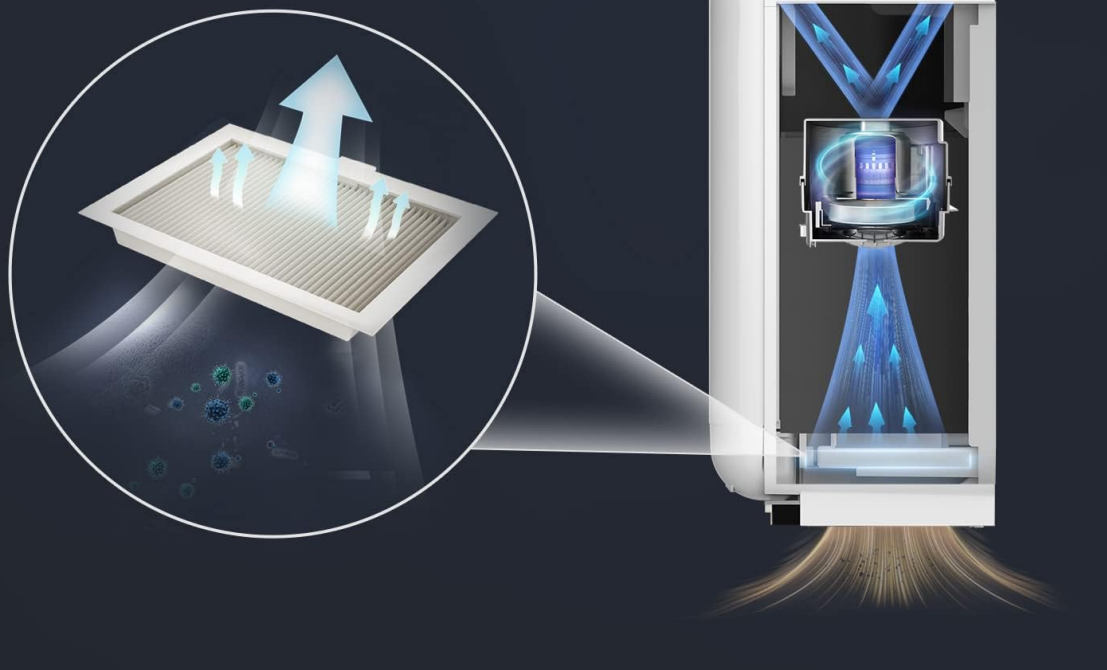


Image: Diagram illustrating the two-stage HEPA filter system within the AIKE hand dryer, showing air intake, filtration, and clean air output.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Hand dryer does not activate.	No power, sensor obstruction, or sensor malfunction.	Check power supply. Ensure hands are placed correctly in the sensor area. Clean sensor window.
Weak airflow.	Clogged HEPA filter, air intake/outlet obstruction.	Inspect and replace HEPA filter. Clear any obstructions from air intake or outlet.
Water leakage.	Full or improperly seated drain tank.	Empty and correctly re-seat the drain tank.
Unit runs continuously.	Sensor malfunction or obstruction.	Clean sensor window. If problem persists, contact support.

WARRANTY AND SUPPORT

The AIKE AK2005H HEPA Filtered Vertical Hand Dryer comes with a **2-year warranty**, including free parts and custom services.

For technical support, warranty claims, or service inquiries, please contact AIKE customer service through their official channels. Please have your model number (AK2005H) and purchase date available when contacting support.

You can visit the official AIKE store for more information: [AIKE Store on Amazon](#)