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AIKE AK2030

AIKE AK2030 HEPA Filtered Vertical Hand Dryer

Instruction Manual

Model: AK2030 | Brand: AIKE

1. INTRODUCTION

Thank you for choosing the AIKE AK2030 HEPA Filtered Vertical Hand Dryer. This manual provides essential information for the safe installation, operation, and maintenance of your new hand dryer. Please read these instructions thoroughly before use and retain them for future reference.

The AIKE AK2030 is designed for efficient hand drying, featuring a dual HEPA filtration system and a powerful brushless motor for reliable performance and hygiene.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or injury, observe the following:

- This appliance is UL Approved and operates at 110-120V, 14.16 amps, 60 Hz. Ensure the power supply matches these specifications.
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Disconnect power before servicing or cleaning the unit.
- Do not operate the hand dryer with a damaged cord or plug.
- Keep hands and foreign objects away from the air outlets during operation.
- This product is intended for commercial use.

3. PRODUCT OVERVIEW

Key Features:

- **Permanent Magnet Brushless Motor:** Provides reliable and long-lasting performance.
- **Dual HEPA Filter:** Catches 99.9% of hazardous germs and particles, enhancing hygiene.
- **Fast Drying:** Dries hands in 10 seconds or less.

- **UL Approved:** Certified for safety standards.
- **Flexible Power Connection:** Includes a 55-inch wire with a 3-pin plug for simple outlet connection, also suitable for hard-wired installations.
- **Water Collection Tank:** Integrated tank collects excess water, keeping the floor clean.

Components:

The AIKE AK2030 hand dryer features a robust outer casing, internal air ducts, a powerful brushless motor, and a dual HEPA filtration system. A water collection tank is located at the base of the unit.



Figure 3.1: Front view of the AIKE AK2030 Hand Dryer.

Water Collection

500ml water drain tank with level window, keeps the ground clean.



Figure 3.2: Illustration of the two-stage HEPA filtration system, designed to capture germs and particles.



Intelligent LED Display

This hand dryer features an intelligent LED display that tracks drying time.

Figure 3.3: The integrated water collection tank, located at the base of the unit, prevents water from dripping onto the floor.

4. SPECIFICATIONS

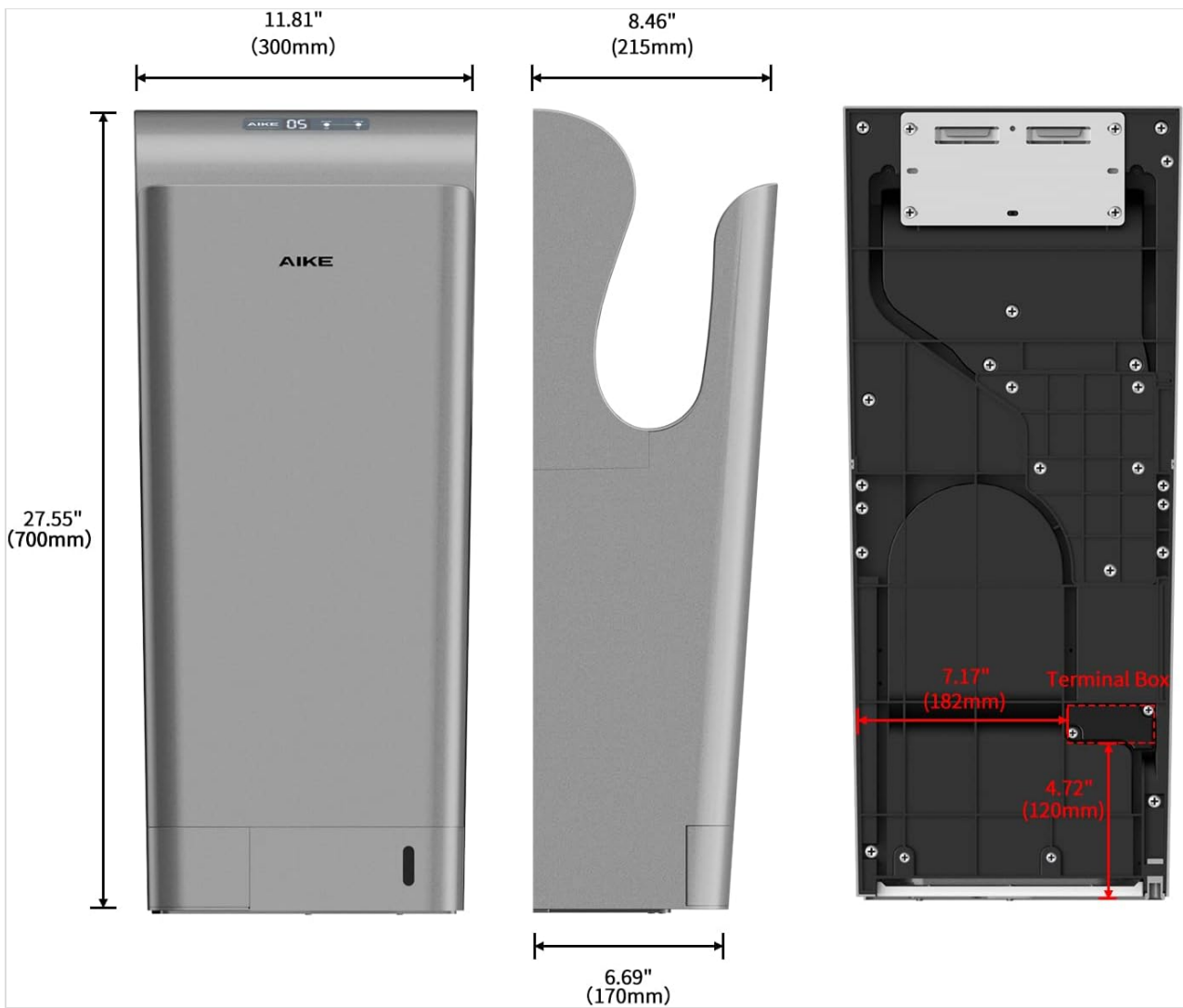


Figure 4.1: Product dimensions of the AIKE AK2030 Hand Dryer.

Specification	Value
Model Number	AK2030
Product Dimensions	7.87 x 8.46 x 27.56 inches (200 x 215 x 700 mm)
Item Weight	22.9 pounds (10.39 kg)
Voltage	110-120V
Amperage	14.16 Amps
Frequency	60 Hz
Power	1850W
Noise Level	68-70 decibels
Drying Time	7-10 seconds
Filter Type	Dual HEPA Filter
Manufacturer	Zhejiang AIKE Appliances Co., Ltd.

5. INSTALLATION

The AIKE AK2030 hand dryer is designed for wall mounting. It comes with a 55-inch wire and a 3-pin plug for direct connection to a standard electrical outlet. Alternatively, the unit can be hard-wired by a qualified electrician.

Installation Steps:

1. **Choose Location:** Select a suitable wall location, ensuring adequate space around the unit for operation and maintenance. Consider ADA compliance if applicable.
2. **Mounting:** Securely mount the hand dryer to the wall using appropriate fasteners for the wall type. Refer to the included mounting template for precise hole placement.
3. **Electrical Connection:**
 - **Plug-in:** If using the provided plug, ensure a compatible 110-120V outlet is available within reach of the 55-inch cord.
 - **Hard-wire:** For hard-wired installations, a qualified electrician must connect the unit directly to the building's electrical system, following all local electrical codes.
4. **Final Check:** After installation, ensure the unit is securely fastened and all electrical connections are correct and safe.



6. OPERATION

Using the Hand Dryer:

1. Wash hands thoroughly.
2. Insert wet hands into the drying chamber from the top opening. The dryer will activate automatically.
3. Move hands slowly up and down within the drying chamber to ensure all surfaces are exposed to the airflow.
4. The powerful airflow will dry hands in approximately 7-10 seconds.
5. Remove hands once dry. The unit will automatically shut off.



Figure 6.1: Proper hand placement for effective drying.

Adjusting Settings (Hidden Switch):

The AIKE AK2030 features a hidden switch located at the bottom of the unit. This switch allows you to:

- Switch between high and low air speed settings.

- Turn the intelligent heat system on or off.

Access the switch by opening the small panel at the bottom. Adjust settings as desired for optimal comfort and energy efficiency.

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Video 6.1: Demonstration of the AIKE AK2030 Hand Dryer's features and operation, including internal components and drying process.

7. MAINTENANCE

Regular maintenance ensures the longevity and hygienic performance of your AIKE AK2030 hand dryer.

HEPA Filter Maintenance:

- The dual HEPA filter should be inspected periodically and replaced as needed. The frequency depends on usage and environmental conditions.
- To replace the filter, disconnect power to the unit. Refer to the detailed instructions in the full service manual for accessing the filter compartment.
- Use only genuine AIKE replacement HEPA filters (Model AK2903).

Water Collection Tank:

- The water collection tank should be emptied regularly to prevent overflow and maintain hygiene.
- The tank is typically located at the bottom of the unit and can be easily removed for emptying and cleaning.
- Clean the tank with mild soap and water, then dry thoroughly before reinserting.

Exterior Cleaning:

- Wipe the exterior surfaces with a soft, damp cloth and mild, non-abrasive cleaner.
- Do not use harsh chemicals or abrasive materials that could damage the finish.

8. TROUBLESHOOTING

If your AIKE AK2030 hand dryer is not functioning correctly, please consult the following table before contacting support.

Problem	Possible Cause	Solution
Dryer does not activate	No power supply	Check power outlet, circuit breaker. Ensure unit is plugged in or hard-wired correctly.
Weak airflow	Clogged HEPA filter	Inspect and replace HEPA filter if dirty.
Water dripping from unit	Full water collection tank	Empty and clean the water collection tank.
Dryer runs continuously	Sensor obstruction or malfunction	Clean sensor area. If problem persists, contact support.

9. WARRANTY AND SUPPORT

The AIKE AK2030 Hand Dryer comes with a **2-year limited warranty** from the manufacturer, Zhejiang AIKE Appliances Co., Ltd. Additionally, lifetime technology support is provided.

For warranty claims, technical assistance, or further inquiries, please contact AIKE customer support. Refer to the official AIKE website or your purchase documentation for contact details.