

AIKE AK2800

AIKE AK2800 High Speed Commercial Hand Dryer User Manual

Model: AK2800 | Brand: AIKE

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the AIKE AK2800 High Speed Commercial Hand Dryer. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Front view of the AIKE AK2800 Hand Dryer. The dryer features a brushed stainless steel finish with the AIKE logo and a hand-sensing icon.

2. SAFETY INFORMATION

- Ensure the power supply matches the specifications of the hand dryer (120V, 1500W).
- Installation must be performed by a qualified electrician in accordance with all local and national electrical codes.
- Disconnect power before performing any maintenance or service.
- Do not block the air inlet or outlet during operation.
- This appliance is not intended for use by persons 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.
- The unit is UL Approved for USA and cUL Approved for Canada, indicating compliance with safety standards.



Figure 2: UL Listed certification mark, indicating compliance with safety standards for the United States and Canada.

3. PRODUCT OVERVIEW

The AIKE AK2800 is a high-speed commercial hand dryer designed for efficiency and durability. Key features include:

- **High Speed Drying:** Utilizes jet air technology for rapid hand drying, typically within 10-15 seconds.
- **Durable Construction:** Crafted from brushed stainless steel for long-lasting strength and corrosion resistance.
- **Flexible Power Options:** Can be used with the included 59-inch power cord for plug-in operation or hard-wired directly into an electrical circuit.
- **Smart-Warm Wind:** Provides comfortable warm air for drying.
- **UL/cUL Approved:** Certified for safety in both the United States and Canada.



Figure 3: Illustration of the hand dryer's fast drying capability (10-15 seconds) and smart-warm wind feature.



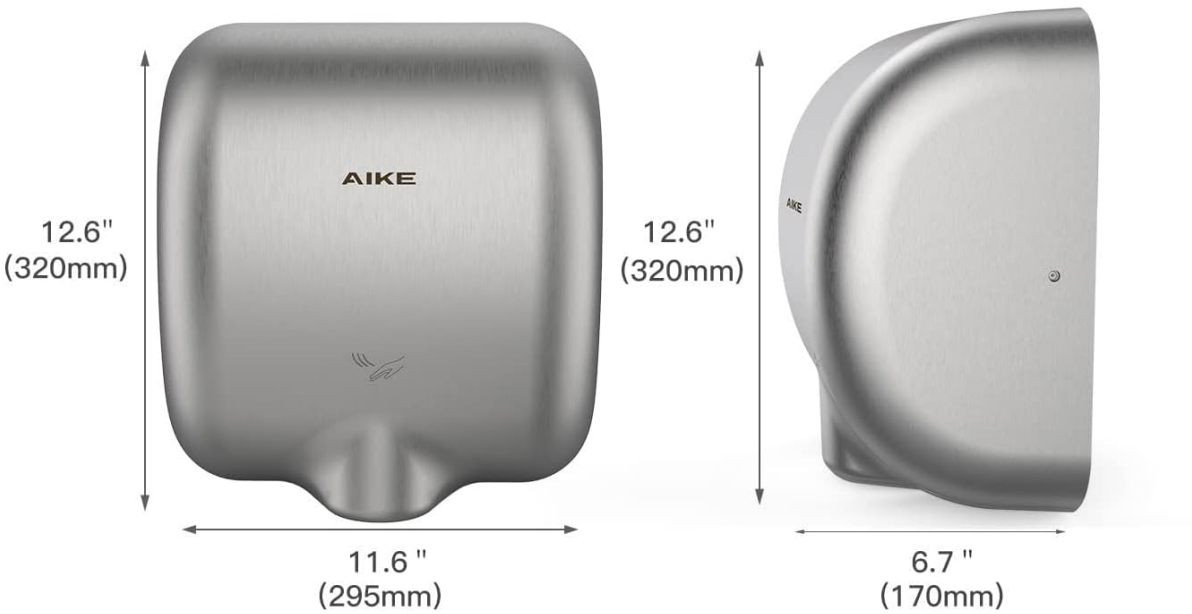
Figure 4: Diagram illustrating the jet air technology used by the hand dryer for efficient drying.

4. SPECIFICATIONS

Parameter	Value
Model	AK2800
Voltage	AC120V
Frequency	50/60Hz
Input Power	1400W (Note: Product title states 1500W, specifications table states 1400W. Please verify with manufacturer if discrepancy is critical.)
Noise Level	72 dB
Air Velocity	246 MPH
Material	Stainless Steel

Parameter	Value
Power Cord Length	1.5m (approx. 59 inches)
Certification	UL Approved for US & Canada, GS Approved in Germany
Product Dimensions	17 x 32 x 29.5 cm (6.7 x 12.6 x 11.6 inches)
Item Weight	5.28 kg (11.64 lbs)

PARAMETERS / AK2800



Model	AK2800	Voltage	AC120V
Frequency	50/60Hz	Input	1400W
Noise Level	72 dB	Air Velocity	246 MPH
Material	Stainless Steel	Power Cord	1.5m
Certification	UL Approved for US & Canada, GS Approved in Germany		

Figure 5: Detailed dimensions and technical parameters for the AK2800 hand dryer.

5. INSTALLATION

The AIKE AK2800 hand dryer offers both plug-in and hard-wired installation options. Professional installation is recommended.

5.1 Tools and Materials Required

- Drill

- Screwdriver (Phillips and Flathead)
- Measuring Tape
- Level
- Pencil
- Wire Strippers (for hard-wired installation)
- Electrical Box (for hard-wired installation, if not already present)
- Appropriate wall anchors/screws (if not supplied or for specific wall types)

5.2 Mounting Location

- Choose a sturdy wall surface capable of supporting the dryer's weight.
- Ensure adequate clearance around the dryer for air circulation and user access.
- Consider standard mounting heights:
 - Men: 115 cm (45 inches) from floor to bottom of dryer
 - Women: 105 cm (41 inches) from floor to bottom of dryer
 - Children/Disabled: 90 cm (35 inches) from floor to bottom of dryer



Figure 6: Example installation of two AIKE hand dryers in a commercial restroom setting.

5.3 Installation Steps

1. **Disconnect Power:** Ensure the main power supply to the installation area is turned off at the circuit breaker.
2. **Remove Cover:** Carefully remove the outer cover of the hand dryer to access the mounting holes and wiring compartment. Refer to the product diagram for screw locations.
3. **Mark Mounting Holes:** Hold the dryer base against the wall at the desired height and use a pencil to mark the locations for the mounting screws. Use a level to ensure proper alignment.
4. **Drill Holes:** Drill pilot holes at the marked locations. Insert appropriate wall anchors if necessary.
5. **Wiring:**
 - **Plug-in Installation:** Route the attached 59-inch power cord to a suitable 120V outlet. Ensure the cord is not strained or pinched.
 - **Hard-wired Installation:** The power cord can be removed. Connect the building's electrical wiring (Live, Neutral, Ground) to the corresponding terminals inside the dryer's wiring compartment. Ensure all connections are secure and insulated. Consult local electrical codes.
6. **Mount Dryer:** Secure the dryer base to the wall using the provided screws or appropriate fasteners. Ensure it is firmly attached.
7. **Reattach Cover:** Replace the outer cover and secure it with its screws.
8. **Restore Power:** Turn the main power supply back on at the circuit breaker.

6. OPERATING INSTRUCTIONS

The AIKE AK2800 hand dryer operates automatically using an infrared sensor.

1. Ensure the hand dryer is properly installed and connected to power.
2. Place your hands under the air outlet. The sensor will detect your hands and activate the dryer.
3. Move your hands slowly back and forth under the airflow for optimal drying.
4. The dryer will automatically shut off approximately 1-2 seconds after your hands are removed from the sensor's range.



Figure 7: Proper hand placement for effective drying under the AIKE AK2800 hand dryer.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your hand dryer.

- **Cleaning the Exterior:** Wipe the stainless steel cover with a soft, damp cloth and a mild, non-abrasive cleaner. Do not use harsh chemicals or abrasive pads, as these can damage the finish. Dry thoroughly after cleaning.
- **Cleaning the Air Inlet/Outlet:** Periodically inspect the air inlet and outlet for dust or debris accumulation. Use a soft brush or vacuum cleaner to gently remove any blockages. Ensure power is disconnected before cleaning these areas.
- **Sensor Cleaning:** Keep the infrared sensor window clean and free of obstructions to ensure proper automatic operation. Wipe gently with a soft, dry cloth.
- **Filter Maintenance (if applicable):** While this model does not explicitly mention a user-serviceable filter, if your unit has one, refer to specific instructions for cleaning or replacement.

Warning: Always disconnect power to the unit before performing any cleaning or maintenance.

8. TROUBLESHOOTING

Refer to the following table for common issues and their solutions.


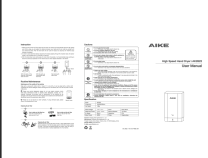
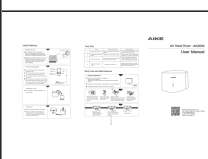
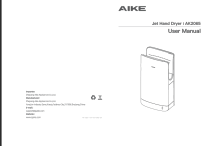
Problem	Possible Cause	Solution
Dryer does not activate.	No power supply. Sensor obstructed or dirty. Hands not within sensor range.	Check circuit breaker and power connection. Clean sensor window. Place hands directly under the air outlet.
Airflow is weak.	Air inlet/outlet blocked. Motor issue.	Disconnect power and clean air inlet/outlet. If problem persists, contact support.
Dryer runs continuously.	Sensor malfunction. Obstruction near sensor.	Ensure no objects are continuously in front of the sensor. Disconnect power, clean sensor, and restart. If issue persists, contact support.
Unusual noise or smell.	Internal component issue.	Immediately disconnect power. Do not operate the unit. Contact AIKE support.


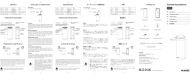
9. WARRANTY AND SUPPORT

AIKE is committed to product quality. If you encounter any issues or have questions regarding your AK2800 hand dryer, please contact AIKE customer support. Refer to your purchase documentation for specific warranty terms and contact information.

For support, please visit the official AIKE website or contact your retailer.

Related Documents - AK2800

	AIKE AK2630S High Speed Hand Dryer User Manual This manual provides instructions for the installation, operation, and maintenance of the AIKE AK2630S High Speed Hand Dryer. It includes safety precautions, troubleshooting tips, and product specifications in multiple languages.
	AIKE High Speed Hand Dryer AK2822 User Manual User manual for the AIKE High Speed Hand Dryer, model AK2822. Provides instructions on operation, routine maintenance, cleaning the air filter, installation, troubleshooting, and technical specifications.
	AIKE AK2630 Air Hand Dryer User Manual User manual for the AIKE AK2630 Air Hand Dryer, covering installation, testing, daily use, maintenance, specifications, and safety precautions.
	AIKE AK2065 Jet Hand Dryer User Manual - Installation, Features, and Maintenance Comprehensive user manual for the AIKE AK2065 Jet Hand Dryer. Covers installation procedures, features, specifications, maintenance, troubleshooting, and safety precautions for optimal use.

	<p>AIKE AK1205 Automatic Soap Dispenser User Manual</p> <p>User manual for the AIKE AK1205 Automatic Soap Dispenser. Provides detailed instructions on installation, operation, liquid adjustment, battery management, troubleshooting, and specifications for the AIKE automatic soap dispenser.</p>
	<p>AIKE AK1335 Automatic Soap Dispenser User Manual</p> <p>User manual for the AIKE AK1335 automatic soap dispenser, detailing specifications, operation, charging, and maintenance. Learn how to use and care for your AIKE dispenser.</p>