

AIKE AK2800B

AIKE Surface Mounted High Speed Commercial Hand Dryer

Model: AK2800B

INTRODUCTION

Thank you for choosing the AIKE AK2800B High Speed Commercial Hand Dryer. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new hand dryer. Please read this manual thoroughly before installation and use, and retain it for future reference.

The AIKE AK2800B is a robust, surface-mounted hand dryer designed for commercial environments. It features a durable brushed stainless steel finish, high-speed drying capabilities, and is CUL Approved for Canada and UL Approved for the US, ensuring safety and reliability.

SAFETY INFORMATION

Always adhere to the following safety precautions to prevent injury or damage to the unit.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the power supply matches the unit's specifications (120V, 50/60Hz).
- **Grounding:** The hand dryer must be properly grounded to prevent electrical shock.
- **Water Exposure:** Do not install the unit where it may be directly exposed to water spray or submersion.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block air inlets or outlets.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.
- **Children:** 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.

PRODUCT OVERVIEW

The AIKE AK2800B hand dryer is designed for efficient and hygienic hand drying. Key features include:

- **High-Speed Drying:** Utilizes powerful airflow for rapid hand drying, typically within 10-15 seconds.
- **Durable Construction:** Crafted from heavy-duty brushed stainless steel for long-lasting strength and corrosion resistance.
- **CUL/UL Approved:** Certified for safety standards in both Canada and the United States.
- **Flexible Installation:** Can be hardwired or used with the included 59-inch power cord for plug-in operation. The power cord is easily removable for hardwiring.
- **Hygienic Operation:** Touch-free activation promotes better hygiene compared to traditional drying methods.



Image: Front view of the AIKE AK2800B High Speed Commercial Hand Dryer, showcasing its brushed stainless steel finish and sleek design.



Image: A diagram illustrating the powerful 'Jet Air' airflow system of the hand dryer, showing air being drawn in and expelled for efficient drying.

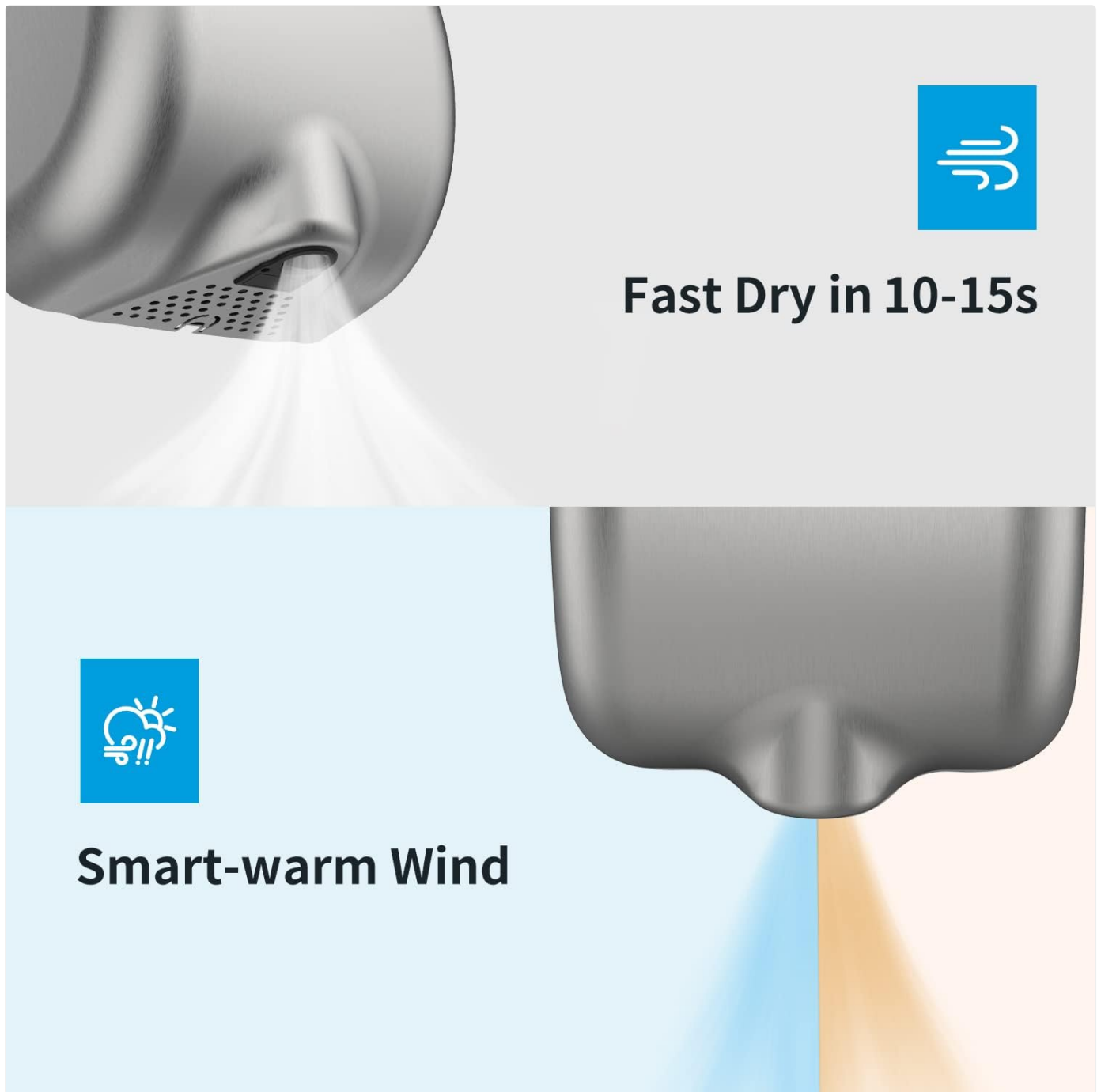


Image: Visual representation of the hand dryer's "Fast Dry in 10-15s" capability and its "Smart-warm Wind" feature, indicating quick and comfortable drying.

SETUP AND INSTALLATION

Proper installation is crucial for the performance and safety of your hand dryer. It is recommended that installation be performed by a certified electrician.

Tools Required:

- Drill
- Measuring Tape
- Level

- Screwdriver (Phillips and Flathead)
- Wire Strippers (for hardwiring)
- Safety Glasses

Installation Steps:

1. **Choose Location:** Select a suitable wall location, ensuring sufficient space for hand drying and compliance with local accessibility standards. Recommended mounting height varies based on user group (e.g., 40-44 inches from floor for adults).
2. **Mark Drilling Points:** Use the mounting template (if provided, or measure from the unit) to mark the drilling points on the wall. Ensure the marks are level.
3. **Drill Holes:** Drill holes at the marked points. Insert wall anchors if necessary for secure mounting.
4. **Wiring (Hardwire Option):**
 - *Disconnect Power:* Ensure power to the circuit is OFF at the breaker.
 - *Remove Cover:* Carefully remove the front cover of the hand dryer.
 - *Remove Power Cord:* If using hardwire, detach the pre-installed power cord.
 - *Connect Wiring:* Connect the building's electrical wiring to the terminal block inside the unit (Live to L, Neutral to N, Ground to G). Ensure all connections are secure.
 - *Secure Wiring:* Route wiring neatly and secure it to prevent strain.
5. **Mount the Unit:** Align the hand dryer with the drilled holes and secure it to the wall using the provided screws. Ensure it is firmly attached.
6. **Replace Cover:** Reattach the front cover securely.
7. **Power On:** Restore power to the circuit.
8. **Test Operation:** Test the hand dryer by placing hands under the sensor.

Plug-in Option:

If using the plug-in option, simply mount the unit as described above and plug the attached 59-inch power cord into a suitable 120V grounded electrical outlet. Ensure the outlet is easily accessible and not in a location prone to water exposure.



Image: Two AIKE hand dryers mounted on a tiled wall in a commercial bathroom, demonstrating typical installation in a washroom environment.

OPERATING INSTRUCTIONS

The AIKE AK2800B hand dryer operates automatically via an infrared sensor.

1. **Activate:** Place your hands directly under the air outlet. The sensor will detect your hands and automatically activate the dryer.
2. **Dry Hands:** Move your hands slowly back and forth under the airflow to ensure thorough drying. The high-speed air will quickly remove water from your hands.
3. **Deactivate:** Once your hands are dry, remove them from the sensor's range. The dryer will automatically shut off after a few seconds.



Image: A user's hands positioned under the AIKE hand dryer, demonstrating the automatic activation and the powerful airflow for drying.

MAINTENANCE

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

- **Cleaning the Exterior:**

- *Frequency:* Clean the exterior surface regularly, depending on usage and environment.
- *Procedure:* Disconnect power before cleaning. Use a soft, damp cloth with a mild, non-abrasive cleaner. Do not use harsh chemicals, abrasive pads, or solvents, as these can damage the stainless steel finish. Dry thoroughly with a clean cloth.

- **Cleaning Air Inlets/Outlets:**

- *Frequency:* Inspect air inlets and outlets periodically for dust or lint buildup.
- *Procedure:* Disconnect power. Use a soft brush or vacuum cleaner to gently remove any obstructions from the air vents. Do not insert any objects into the vents.

• **Sensor Cleaning:**

- *Frequency:* If the sensor becomes less responsive, clean it.
- *Procedure:* Disconnect power. Gently wipe the sensor lens with a soft, dry cloth.

Note: There are no user-serviceable parts inside the unit beyond basic cleaning. For internal issues, contact qualified service personnel.

TROUBLESHOOTING

Refer to the table below for common issues and their potential solutions.

Problem	Possible Cause	Solution
Hand dryer does not turn on.	No power supply. Sensor obstructed or dirty. Internal fault.	Check circuit breaker/fuse. Ensure unit is plugged in or hardwired correctly. Clean sensor lens. Remove any obstructions. Contact qualified service personnel.
Airflow is weak.	Air inlets/outlets blocked by dust/lint. Motor issue.	Disconnect power and clean air inlets/outlets. Contact qualified service personnel.
Dryer runs continuously.	Sensor dirty or faulty. Object continuously in sensor range.	Clean sensor lens. Remove any objects from sensor range. If issue persists, contact service.
Unusual noise during operation.	Loose components. Motor bearing wear.	Disconnect power and check for any loose external parts. Contact qualified service personnel.

SPECIFICATIONS

Technical specifications for the AIKE AK2800B Hand Dryer.

Feature	Detail
Model Number	AK2800B
Brand	AIKE
Color	Brushed Stainless Steel

Feature	Detail
Power/Wattage	1500 Watts
Voltage	120V AC
Frequency	50/60Hz
Noise Level	72 dB
Air Velocity	246 MPH
Material	Stainless Steel
Item Weight	4.5 kg (9.9 lbs)
Dimensions (approx.)	39.1 x 32.4 x 20.3 cm (15.4 x 12.7 x 8 inches)
Power Cord Length	1.5 m (59 inches)
Certifications	CUL Approved (Canada), UL Approved (US)

PARAMETERS / AK2800B



Model	AK2800B	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		

Image: A detailed diagram displaying the dimensions (length, width, depth) and key technical parameters of the AIKE AK2800B hand dryer.



Image: The CUL US Listed certification logo, indicating compliance with safety standards for Canada and the United States.

WARRANTY AND SUPPORT

AIKE is committed to providing high-quality products and customer satisfaction.

Warranty Information:

Please refer to the product packaging or the official AIKE website for specific warranty terms and conditions applicable to your region. Typically, AIKE products come with a limited warranty covering manufacturing defects.

Customer Support:

If you encounter any issues with your AIKE hand dryer, require technical assistance, or have questions regarding installation or operation, please contact AIKE customer support. You can find contact information on the official AIKE website or through your purchase platform.

AIKE Support: "We have always been paying attention to the quality of our products. Feel free to contact us if you have any dissatisfaction of the purchase."

For more information, visit the official AIKE store: [AIKE Store on Amazon.ca](#)

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