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› Awoco Standard Heavy Duty Stainless Steel Commercial Hand Dryer User Manual

Awoco Standard Heavy Duty Stainless Steel 1450W 120V Automatic High Speed Commercial Hand Dryer

Awoco Standard Heavy Duty Stainless Steel Commercial Hand Dryer User Manual

Model: Standard Heavy Duty Stainless Steel 1450W 120V Automatic High Speed Commercial Hand Dryer

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Awoco Standard Heavy Duty Stainless Steel Commercial Hand Dryer. Please read these instructions thoroughly before installation and use, and retain them for future reference.



Figure 1: Front view of the Awoco Standard Heavy Duty Stainless Steel Commercial Hand Dryer.

Product Features:

- **High Speed Drying:** Dries hands in 7 to 10 seconds with concentrated airflow from a round air outlet.
- **Safe Air Temperature:** Operates within a safe temperature range of 68°F to 104°F.
- **Energy Efficient:** 110V-120V AC, 1450W power consumption with low 2W standby power. Features 45-second overtime protection to prevent continuous running.
- **Durable Construction:** Made from easy-to-clean, seamless brush finish #304 stainless steel.
- **Automatic Operation:** Touch-free infrared sensor detects hands from 6-8 inches away.
- **Cleanable Air Filters:** Detachable and cleanable air filters extend the dryer's lifespan by preventing dust accumulation.
- **Quiet Operation:** Produces a noise level of 70dB at 40 inches.
- **UL Listed:** Certified for safety, meeting USA building code requirements.

2. SAFETY INFORMATION

Adherence to the following safety guidelines is crucial for preventing injury and damage to the product. This appliance is intended

for commercial use and must be installed by a qualified electrician in accordance with all local and national electrical codes.

- **Electrical Safety:** This unit is hard-wired compatible. Ensure power is disconnected at the circuit breaker before any installation or maintenance. All wiring must comply with local electrical codes.
- **Installation Location:** Do not install the hand dryer directly above a washbasin. Water reflections can interfere with the sensor, causing the device to run repeatedly or erratically.
- **Temperature:** The air temperature is designed to be safe (68°F to 104°F). Avoid tampering with internal components that could alter this setting.
- **Children:** While the air temperature is safe for children's hands, adult supervision is recommended in areas where children may use the dryer.
- **Maintenance:** Always shut off power before performing any cleaning or maintenance.

3. SETUP AND INSTALLATION

Proper installation is essential for the optimal performance and safety of your hand dryer. It is recommended that installation be performed by a qualified professional.

How to Install



Figure 2: Installation steps for the Awoco Hand Dryer.

- 1. Prepare Mounting Location:** Choose a suitable wall location, ensuring it is not directly above a washbasin to prevent sensor interference. Consider the overall dimensions: 11.8" W x 6.5" D x 12.3" H.
- 2. Remove Outer Shell:** Use an Allen wrench to remove the screws securing the outer stainless steel shell. Carefully detach the shell to expose the internal mounting points.
- 3. Mount to Wall:** Secure the internal unit to the wall using appropriate mounting screws and anchors (typically included). Ensure the unit is level and firmly attached.
- 4. Electrical Connection:** This unit comes with a 56-inch power cord with a plug. It is also hard-wired compatible. If hard-wiring, connect the electrical supply wires to the designated terminals within the unit, following all local electrical codes. Ensure the power supply is 110V-120V AC.
- 5. Reattach Outer Shell:** Once the unit is securely mounted and wired, carefully reattach the stainless steel outer shell and secure it with the screws using the Allen wrench.

For detailed installation instructions, including recommended installation heights and positions, consult a qualified electrician or

refer to the full user manual if available.



Figure 3: Awoco Hand Dryer Dimensions and Weight.

4. OPERATING INSTRUCTIONS

The Awoco hand dryer is designed for simple, touch-free operation.



Figure 4: Hand dryer operation features.

1. **Power On:** Ensure the hand dryer is properly installed and connected to a power source. The power (red) LED indicator will illuminate.
2. **Activate Dryer:** Place your hands under the air outlet. The automatic infrared sensor will detect your hands from approximately 6-8 inches away. The operate (blue) LED indicator will light up, and the dryer will start.
3. **Dry Hands:** Move your hands gently under the airflow for 7 to 10 seconds until dry.
4. **Automatic Shut-off:** The dryer will automatically stop once your hands are removed from the sensor's range. It features a 45-second overtime protection, meaning it will run for a maximum of 45 continuous seconds before stopping. A new motion will trigger a new drying cycle.



Figure 5: Safe operating temperature range.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your Awoco hand dryer. Always disconnect power before performing any maintenance.

- **Exterior Cleaning:** The seamless brush finish #304 stainless steel exterior is easy to clean. Use a soft, damp cloth and a mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive pads that could scratch the surface.
- **Air Filter Cleaning:** The hand dryer features detachable and cleanable air filters. If you notice a decrease in airflow, it is likely due to a clogged filter.
 - a. Shut off power to the unit at the circuit breaker.

- b. Remove the screws securing the outer shell with an Allen wrench.
- c. Carefully remove the outer shell.
- d. Locate and detach the air filter(s).
- e. Clean the air filter(s) by gently tapping out dust or rinsing with water. Ensure the filter is completely dry before reinstallation.
- f. Reinstall the clean filter(s), reattach the outer shell, and secure with screws.
- g. Restore power to the unit.

Comparison with Other Hand Dryers

	Awoco Hand Dryers	Other Hand Dryers
Shell Material	Seamless Stainless Steel	ABS Plastic
Color Finish	Brush finish, no obvious fingerprints	Polish shiny, with easy fingerprints
Air Temperature	68-104 °F	Might reach 150 °F, too hot
Air Filters	Detachable & cleanable	-
Overtime Protection	45 seconds	-
Safety Certificate	UL certified for USA & Canada	CE certified for Europe
Technical Support	USA warranty, parts, repair or exchange	-

Easy maintenance:

Once the airflow is slow, shut off power, remove the screws, take the shell off, and clean the air filter.

Contact Awoco customer service for any issues, parts or questions.

Figure 6: Maintenance and feature comparison.

6. TROUBLESHOOTING

Refer to the following common issues and solutions before contacting customer support.

Problem	Possible Cause	Solution
Dryer does not start.	No power supply; sensor obstructed or faulty.	Check circuit breaker. Ensure hands are within 6-8 inches of the sensor. Clean sensor area.
Dryer runs continuously or erratically.	Sensor interference (e.g., water reflections, sticky gum); faulty sensor.	Ensure dryer is not installed above a washbasin. Check for and remove any obstructions on the sensor. The 45-second overtime protection will stop continuous running.

Problem	Possible Cause	Solution
Airflow is weak or slow.	Clogged air filter.	Clean the detachable air filter as described in the Maintenance section.
Dryer stops after 45 seconds.	Overtime protection activated.	This is normal operation to save energy. Remove hands and re-present them to the sensor to restart.

7. SPECIFICATIONS

Feature	Detail
Model	Standard Heavy Duty Stainless Steel Commercial Hand Dryer
Power Supply	110V-120V AC
Rated Power	1450W
Standby Power	2W
Drying Time	7-10 seconds
Air Temperature	68°F to 104°F
Airflow Speed	157 MPH (approx.)
Sensor Range	6-8 inches
Overtime Protection	45 seconds continuous run
Noise Level	70dB at 40 inches
Material	#304 Stainless Steel (brush finish)
Dimensions (W x D x H)	11.8" x 6.5" x 12.3" (approx. 11-7/8" W x 6-1/2" D x 12-3/8" H)
Item Weight	23.4 pounds (for 2 units); approx. 9.2 lbs (for single unit)
Certifications	UL Listed

8. WARRANTY AND SUPPORT

Awoco provides comprehensive support for its products.

- **Warranty:** This product comes with a 1-year manufacturer's warranty covering parts, repair, or exchange.
- **Customer Service:** For any issues, parts inquiries, or technical questions, please contact Awoco customer service. Technical support is available in the USA.

For further assistance, please refer to the contact information provided with your purchase or visit the official Awoco website.

