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› Haws 8300-8309 Combination Emergency Shower and Eye/Face Wash User Manual

Haws 8300-8309

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Model: 8300-8309 | Brand: Haws

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Haws Model 8300-8309 Combination Emergency Shower and Eye/Face Wash. This unit is designed to provide immediate and effective decontamination in emergency situations involving hazardous material exposure to the eyes, face, or body.

The Haws 8300-8309 features an Axion MSR showerhead and an Axion MSR eye/face wash head. The eye/face wash head utilizes an inverted directional laminar flow to sweep contaminants away from the vulnerable nasal cavity, ensuring enhanced comfort and effectiveness. The drench showerhead delivers a dispersed flow for uniform drenching.





Figure 1: Haws 8300-8309 Combination Emergency Shower and Eye/Face Wash. This image shows the complete unit, including the green showerhead, the yellow and green striped pipe, the eye/face wash bowl with a yellow activator, and the floor flange.

2. SAFETY INFORMATION

It is crucial to understand and adhere to all safety guidelines to ensure the effective operation of this emergency equipment. This unit is certified by CSA to meet the ANSI Z358.1 Standard for Emergency

Eyewash and Shower Equipment, which outlines performance and use requirements for emergency response products.

- Ensure the unit is installed in an easily accessible location, free from obstructions.
- Regularly inspect the unit for proper function and clear any debris.
- Familiarize all potential users with the location and operation of the emergency shower and eye/face wash.
- In case of chemical exposure, activate the unit immediately and flush the affected area for a minimum of 15 minutes. Seek medical attention promptly.

3. SETUP AND INSTALLATION

Installation of the Haws 8300-8309 unit should be performed by qualified personnel in accordance with local codes and the ANSI Z358.1 standard.

3.1 Components

- Axion MSR ABS plastic drench showerhead
- Axion MSR eye/face wash head with stainless steel 11-inch round bowl
- Chrome-plated brass stay-open ball valve with stainless steel ball and stem
- Chrome-plated brass in-line 50x50 mesh water strainer
- Schedule 40 hot-dipped galvanized steel pipe and fittings
- Powder-coated cast-iron 9-inch diameter floor flange
- Self-adhesive high visibility safety green and bright yellow stripes
- Universal sign

3.2 Water Supply and Waste Connections

1. Connect the water supply to the 1-1/4-inch IPS inlet. Ensure a continuous supply of potable water at appropriate pressure and temperature (60-100°F / 16-38°C).
2. Connect the waste line from the eye/face wash bowl to a suitable drainage system. The waste connection is 1-1/4-inch IPS.
3. Flush the water supply lines thoroughly before connecting to the unit to remove any debris.

3.3 Mounting

1. Secure the unit to the floor using the provided 9-inch diameter cast-iron floor flange. Ensure the mounting surface is stable and level.
2. Verify that the showerhead is positioned between 82 and 96 inches from the floor and the eye/face wash nozzles are between 33 and 45 inches from the floor, as per ANSI Z358.1.

4. OPERATING INSTRUCTIONS

In an emergency, immediate action is critical. The Haws 8300-8309 is designed for quick and easy activation.

4.1 Activating the Emergency Shower

1. **Pull the triangular handle:** Firmly pull down on the triangular pull rod. This will activate the stay-open ball valve, initiating water flow from the showerhead.

2. **Flush thoroughly:** Remain under the shower and flush the affected body area for a minimum of 15 minutes. Remove contaminated clothing while flushing.

4.2 Activating the Eye/Face Wash

1. **Push the yellow paddle:** Locate the yellow push paddle on the eye/face wash unit. Push the paddle firmly to activate the water flow. The valve is designed to stay open once activated.
2. **Flush thoroughly:** Hold eyelids open with fingers and roll eyeballs to ensure complete flushing of the eyes and face for a minimum of 15 minutes.

Note: Both the shower and eye/face wash can be operated simultaneously if needed.

5. MAINTENANCE

Regular maintenance is essential to ensure the emergency shower and eye/face wash unit is always ready for use.

- **Weekly Activation:** Activate both the shower and eye/face wash weekly to flush the line and verify proper operation. This helps prevent sediment buildup and ensures fresh water is available.
- **Annual Inspection:** Conduct a thorough annual inspection of the entire unit. Check for leaks, corrosion, proper water flow, and ensure all components are in good working order. Verify compliance with ANSI Z358.1.
- **Cleaning:** Clean the eye/face wash bowl and nozzles regularly to prevent contamination. Use mild soap and water; avoid abrasive cleaners.
- **Strainer Cleaning:** Periodically inspect and clean the in-line 50x50 mesh water strainer to ensure unrestricted water flow.

6. TROUBLESHOOTING

If the unit does not function as expected, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
No water flow from shower/eye/face wash	Water supply off; clogged strainer; valve malfunction	Check main water supply; clean strainer; inspect/replace valve components.
Low water pressure/flow	Insufficient supply pressure; clogged strainer; partially closed valve	Verify supply pressure; clean strainer; ensure valve is fully open.
Water continues to flow after deactivation	Valve not closing properly; debris in valve	Inspect valve for debris; replace faulty valve components.
Eye/face wash stream not laminar or uneven	Debris in nozzles; damaged Axion MSR head	Clean nozzles; replace Axion MSR eye/face wash head if damaged.

For issues not resolved by the above steps, contact a qualified service technician or Haws customer support.

7. SPECIFICATIONS

- **Model Number:** 8300-8309
- **Brand:** Haws
- **Material:** Stainless Steel/ABS Plastic
- **Pipe and Fitting:** 1-1/4-inches Schedule 40 hot-dipped galvanized steel
- **Supply and Waste:** 1-1/4-inches IPS
- **Showerhead:** Axion MSR ABS plastic with flow control
- **Eye/Face Wash Head:** Axion MSR with inverted directional laminar flow
- **Bowl:** Stainless steel 11-inches round
- **Valve:** Chrome-plated brass stay-open ball valve
- **Floor Flange:** Powder-coated cast-iron 9-inches diameter
- **Certifications:** Certified by CSA to meet ANSI Z358.1 Standard

8. WARRANTY AND SUPPORT

For specific warranty information, please refer to the documentation provided with your purchase or visit the official Haws website. For technical support, replacement parts, or further assistance, please contact Haws customer service directly.

Manufacturer: Haws Drinking Faucet Co

Contact Information: Refer to Haws official website or product packaging for current contact details.