

# AXION® MSR



Doctors' FIRST Choice.  
Your BEST Choice.



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ  
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# PROTECTION FOR THE HUMAN EYE

The human eye is equipped with an automatic lubricating and cleansing mechanism, called the lacrimal system. It consists of the lacrimal punctum – a drain which channels excess fluids away from the ocular surface. The lacrimal punctum drains excess fluids directly into the nasal cavity. This process is the reason why your nose runs when you cry.

If a chemical is introduced into the eye, nature's own cleansing mechanism can serve to force the contaminant into the nasal cavity, where it can potentially cause further internal injury. The ideal approach in chemical or particulate eye injuries is to sweep contaminants away from the lacrimal punctum.



## AXION MSR – Medically Superior Response®

Ground breaking technology by AXION® continues to change the emergency response landscape by offering the only eye/face wash duplicating the methodology recommended and used by medical professionals.

### **INJURY REDUCTION**

Inverted eye/face wash streams gently sweep contaminants away from the eye interior and nasal cavity.

### **INCREASED VICTIM COMFORT**

Laminar flow eye/face wash streams provide even, consistent, predictable stream height for greater user comfort.

### **ANSI Z358.1 COMPLIANCE**

Correctly installed and tested AXION MSR products for ANSI compliance.

## Resolves Common Compliance Issues

AXION MSR solves three common ANSI Z358.1 non-compliance issues.

### **LACK OF SIMULTANEOUS FLOW**

When installed together, the AXION MSR eye/face wash head and showerhead provide the simultaneous flows needed to meet the ANSI Standard. [Sec. 7.3, 7.4.4]

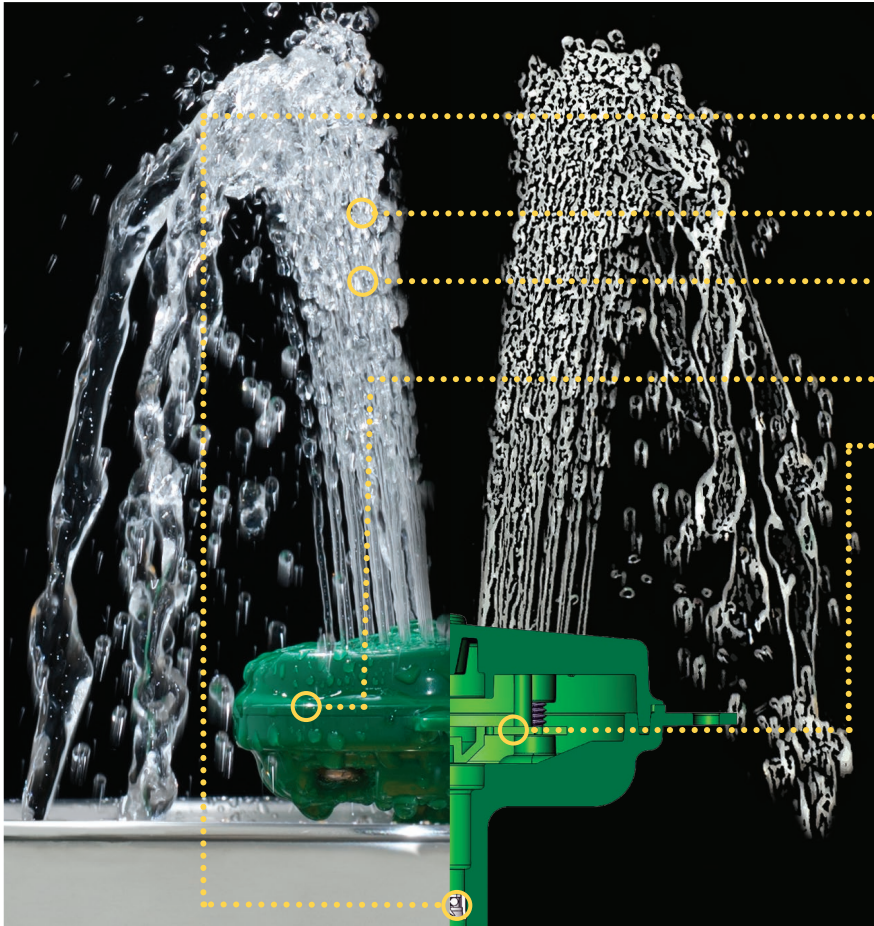
### **LACK OF CONTROLLED NON-INJURIOUS FLOW**

AXION MSR products provide laminar flow eye/face wash streams for even, consistent, predictable stream height and circumference for greater user comfort, encouraging use for the full 15-minute ANSI Z358.1 requirement. [sec. 5.1.1, 6.1.1, 7.1]

### **UNEVEN FLOW PATTERN**

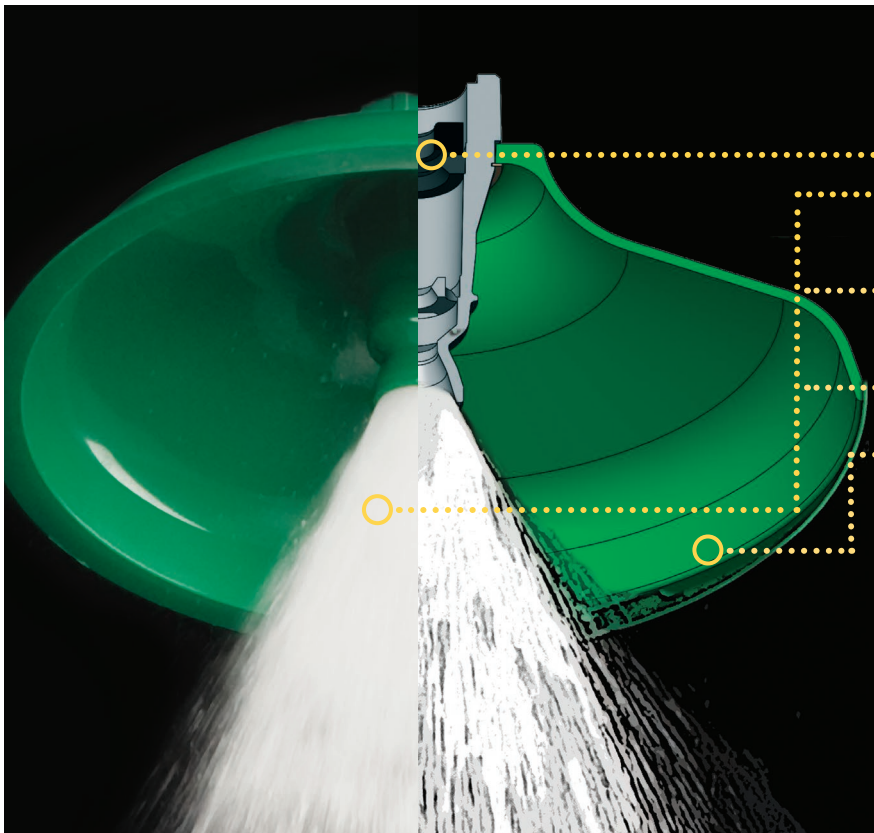
AXION MSR provides a controlled flow to both eyes simultaneously with comfortable water pressure. [sec. 5.1.6, 7.1]





## EYE/FACE WASH

- Integral flow control for ANSI Z358.1 compliant flow, velocity, and predictable stream height (sec. 6.1.1)
- Smooth laminar flows provide comfortable water pressure
- Inverted water streams protect sensitive eye ducts and glands by flushing away from the tear ducts
- ANSI Z535.1 compliant green ABS plastic option
- In-line strainer collects debris to help reduce injury aggravation
- Pre-built and fully water tested for reliability
- Ball and valve with stainless steel stem for durability
- Meets facility needs with corrosion resistant, ABS plastic and stainless steel options
- Options available for freeze and scald protection bleed valves



## SHOWERHEAD

- Integral flow control to regulate flow rate
- Consistent hydrodynamic flow provides comfortable water pressure for full 15-minute flush
- ANSI Z358.1 compliant for velocity, flow pattern, and gallons per minute requirements
- Minimized pressure for even water distribution across shower footprint
- ANSI Z535.1 compliant green ABS plastic head
- Pre-built and fully water tested for reliability
- Meets facility needs with corrosion resistant, ABS plastic and stainless steel options
- Options available for freeze and scald protection bleed valves

# AXION Advantage®

AXION Advantage systems offer safety professionals the medically superior AXION® MSR design and technology for upgrading existing emergency equipment, providing the optimal victim comfort solution while maintaining ANSI compliance.

Each AXION Advantage system includes the necessary pieces to convert 80% of existing competitive eyewashes and showers: an AXION MSR eye/face wash or an AXION MSR eye/face wash and showerhead, connecting hardware options and accessories, ANSI eyewash testing gauge, tape measure, complete install instructions, and ANSI Z358.1 compliance and testing guidelines.



Model AX14S

## AXION ADVANTAGE MODEL CONFIGURATIONS:

- Model AX13 Eye/face wash upgrade system with green ABS plastic eye/face wash head
- Model AX13S Eye/face wash upgrade system with stainless steel eye/face wash head
- Model AX14 Shower and eye/face wash upgrade system with green ABS plastic eye/face wash head and showerhead
- Model AX14S Shower and eye/face wash upgrade system with stainless steel eye/face wash head and showerhead

## AXION ADVANTAGE UPGRADES ON NON-HAWS MODELS



Bradley S19-310FW with AXION Advantage eye/face wash head



Speakman SE-495 with AXION Advantage eye/face wash head



Encon 01050216 with AXION Advantage eye/face wash head







## AXION MSR PRODUCTS

AXION MSR products are available in the most popular configurations, from combination showers, to wall-mounted, sink mounted, and pedestal eye/face washes. Additionally, the heads of both the eye/face washes and showers have been designed to be a simple retro-fit onto existing Haws® installations and for most competitor models.



### Model 7360B-7460B

Wall-mounted AXION MSR eye/face wash head assembly with zero vertical velocity™ stream engineering with even laminar flow. Round 11" (28 cm) stainless steel receptor and ABS plastic eye/face wash head.

### Model 8300-8309

Combination shower with AXION MSR eye/face wash head assembly, and features a round 11" (28 cm) Type 304 stainless steel bowl with an ABS plastic eye/face wash head and showerhead.



# AXION® MSR

## Doctors' First Choice For Injury Reduction

*I worked with the Haws® to launch the AXION MSR emergency eye/face wash products. Haws recognized that traditional configurations for irrigating injured eyes were at odds with the protocols used by healthcare professionals. That is, traditional eyewash designs can actually sweep contaminants toward the inner corners of the eyes.*

*AXION MSR eye/face wash features the only inverted flow streams specifically designed to operate in concert with standard healthcare protocols.*

OPHTHALMOLOGIST :: Robert S. Wolff, MD

*AgroFresh is a subsidiary of DOW Chemical. DOW's level of safety is extremely high and when searching for new emergency eye wash stations, your company and the eyePOD product looked very appealing for space, appearance and your science regarding water flow direction and temperature sensitive internal thermo-static valve.*

LABORATORY MANAGER :: AgroFresh

