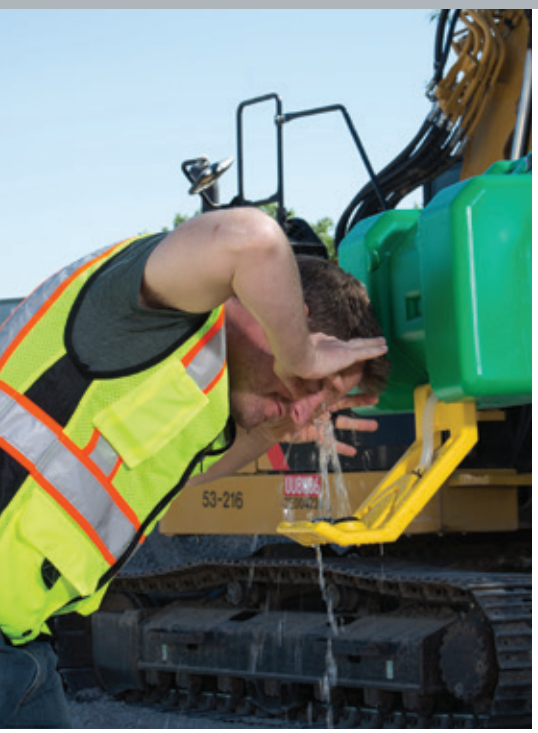
EMERGENCY EQUIPMENT







AXION MSR – MEDICALLY SUPERIOR RESPONSE® PRODUCTS

EYE/FACE WASH :: SHOWERS

COMBINATION UNITS

This brochure represents a portion of the extensive emergency equipment product line that HAWS® offers.

Visit **www.hawsco.com** for a comprehensive list of products and accessories.

Haws®

ABOUT HAWS®



GLOBAL CUSTOMERS :: GLOBAL VISION :: LOCAL SERVICE

Ingenuity is the *Haws* culture. Every day we work to address your needs and solve your challenges by applying imagination and initiative to make your job easier. Haws is committed to improving the health and safety of our global community by providing customer focused hydration, safety, and tempering solutions. With more than 8,000 distribution locations and 250 employees worldwide, we continually focus on quality, service, reliability and complete solution support.

With the invention of the drinking fountain in 1906 by Luther Haws, the Haws Sanitary Drinking Faucet Company formed in 1909 in Berkeley, California. During the 1950's, Haws introduced emergency drench showers and safety eyewashes into its manufacturing line. Establishing headquarters in Sparks, Nevada in 1996, Haws continued expanding, opening global locations Haws AG (Switzerland), Haws Manufacturing Pte, Ltd (Singapore), Haws-Avlis (Brazil), Haws-China, Haws-India, Haws-Germany and Haws-Middle East. To this day, *Haws'* innovative spirit is driven by third, fourth and fifth generations of the Haws family.

ANSI/ISEA COMPLIANCE





ARE YOU ANSI COMPLIANT?

EMERGENCY EYEWASH AND SHOWER EQUIPMENT COMPLIANCE

Published by International Safety Equipment Association, ANSI/ISEA Z358.1 establishes minimum performance and use requirements for eyewash and shower equipment.

SIGNIFICANT REQUIREMENTS FOR *SIMULTANEOUS USE* INCLUDE:

- Eyewash must deliver a minimum of flushing fluid at 0.4 gallons per minute (1.5 LPM) or 3 gallons per minute (11.4 LPM) for an eye/face wash
- Drench shower must deliver a minimum of 20 gallons of water per minute (75.7 LPM)
- Must be capable of simultaneous use
- Must deliver tepid flushing fluid, defined as 60° -100°F (16° - 38°C)

WHY TEPID WATER? Providing The Right Water Temperature Will Provide a Comfortable Flushing Environment and Encourage the Required Full 15-Minute Flush To:

- Help cool burns
- Help prevent hypothermia
- Help prevent chemical absorption
- Minimize further injury

All Haws Emergency Response Products Meet the ANSI/ISEA Z358.1-2014 Standard

HAWS® SERVICES





EMERGENCY RESPONSE MAINTENANCE, REPAIRS, AND COMPLIANCE

Specializing in emergency shower and eyewash product commissioning, preventative maintenance, annual ANSI site surveys and inspections, repairs, and educational training programs for certification.

RELIABLE PRODUCT COMMISSIONING

From new installations to existing systems, we assist in design, installation, testing, troubleshooting, and operation. Our commissioning experts provide complete and thorough services according to the products operational requirements.

EXTENSIVE ANSI Z358.1 COMPETENT PERSON TRAINING

Onsite and online step-by-step ANSI compliance education and training support to help your team better understand the value and importance of compliant equipment and the potentially severe effects of noncompliance.

COMPREHENSIVE ANSI Z358.1 ANNUAL INSPECTIONS

In-depth, onsite evaluation and testing to assess your facility's compliance to ANSI requirements. Robust reporting and detailed recommendations provided to bring your site to compliance with the ANSI Z358.1 Standard.

PREVENTATIVE MAINTENANCE

All-inclusive services to guarantee accurate cleaning, inspection, and replacement of necessary parts and/or units to ensure proper functionality and longevity of emergency equipment.

EMERGENCY EQUIPMENT PRODUCT REPAIRS AND UPGRADES

Onsite repairs and/or upgrades by experienced and knowledgeable ANSI compliant emergency shower and eyewash experts.





Flushing Inside To Out Is Preferred 4 to 1.

Independent study of Practicing Ophthalmologists, April 2014

FEATURES & BENEFITS



AXION®'s ground-breaking designs continue to change the emergency response landscape by offering the only *medically superior response®* solution in the industry.

INJURY REDUCTION
The trademarked inverted eye/face wash water streams gently flush contaminants away from sensitive glands and ducts that surround the eye, adding protection to valuable organs to reduce unnecessary injury.

INTEGRAL FLOW CONTROL
Predictable eye/face wash stream heights and laminar flow provide consistent pressure for greater user comfort. Flow controls within the showerhead regulate the flow rate to ensure water is available for the eye/face wash to allow for simultaneous use.

VICTIM COMFORT
The hydrodynamic showerhead design minimizes the strong physical pressure by releasing smaller discreet droplets and spinning the water inlet makes the distribution even across the entire footprint of the flow.

AXION MSR CAN SOLVE THE 3 MOST COMMON COMPLIANCE ISSUES BY PROVIDING:

1. Simultaneous Flow
2. Non-Injurious Controlled Flow
3. Even Eyewash Flow Patterns

AXION ADVANTAGE®

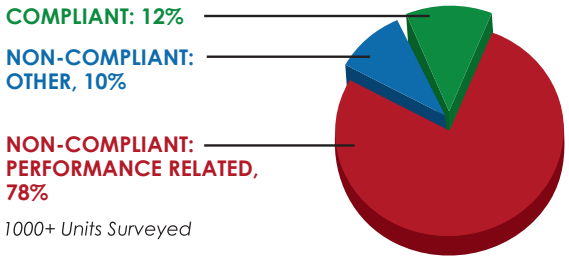
Designed to upgrade your facility's emergency eyewash and shower systems, the *AXION Advantage* improves existing emergency equipment while maintaining ANSI compliance *(when properly installed)*.



AXION Advantage eye/face wash head installed on Bradley Model S19-310FW

DID YOU KNOW?

88% of Units Are Not ANSI Z358.1 Compliant.



1000+ Units Surveyed

With four Advantage systems providing the necessary pieces to convert the majority of existing competitive eyewashes and showers, your facility will have the tools to upgrade older *Haws* products, replace ineffective competitive products, and test for continued ANSI compliance.

Upgrading to the *AXION Advantage* system is easy; simply remove the existing head, select the appropriate supplied connector, and attach the *AXION* head.

Model **AX13**
AXION Advantage eye/face wash upgrade system with green ABS plastic eye/face wash head

Model **AX13S**
AXION Advantage eye/face wash upgrade system with stainless steel eye/face wash head

Model **AX14**
AXION Advantage eye/face wash upgrade system with green ABS plastic eye/face wash head and showerhead

Model **AX14S**
AXION Advantage eye/face wash upgrade system with stainless steel eye/face wash head and showerhead



Model **AX13**



Model **AX14S**



Model **7620**

The *AXION eyePOD* is a faucet-mounted eyewash providing facilities with *AXION MSR* eyewash irrigation capabilities in an attractive, low cost, compact package.

The sleek, smooth, stainless steel exterior of the *eyePOD* is easy to clean and use. The polished surface is cosmetically suited for any setting, and the stainless steel construction is rugged enough for any industrial application.



FEATURES & BENEFITS

INVERTED DIRECTIONAL LAMINAR FLOW
Zero vertical velocity™ for maximum victim comfort.

BUILT-IN THERMOSTATIC SAFETY VALVE
Automatically shuts off eyewash flows at 100ºF (37ºC), diverting all water out through the aerator at the bottom of the unit to prevent scalding of the eyes.

EASY INSTALLATION
Standard 55/64-27 thread faucet connection comes with four additional adaptors allowing the *eyePOD* to be used on various standard faucets.

AERATORS:
Standard 1/2 gallon (1.89 L) faucet outlet flow with second 1-gallon (3.79 L) laminar outlet also supplied.

CERTIFIED TO:
NSF61, California Health and Safety Code 11675 (AB 1953), as well as ANSI/ISEA Z358.1 and CSA B125.

AXION® MSR :: EYE/FACE WASH



FEATURES & BENEFITS

- Integral flow control
- Stainless steel bowl with a #2L bright finish or safety green ABS plastic bowl resistant to damage from alkaline, salt solutions, most acids, and sun damage
- Chrome-plated brass stay-open ball valve with a stainless steel ball and stem
- Signage and dust cover is included with all units
- Units are certified to meet the ANSI/ISEA Z358.1 Standard for emergency eyewash and shower equipment for full 15-minute flush



Model **7360B-7460B**

Wall-mounted eye/face wash includes *AXION MSR* eye/face wash head assembly. Zero vertical velocity™ stream engineering with even laminar flow for enhanced victim comfort, stability and effectiveness. Round 11" (28 cm) Type 304 stainless steel receptor and aluminum wall bracket for long life. Includes a mesh in-line strainer to collect line debris, and ball valve with stainless steel ball and stem for durability.



Model **7260B-7270B**

Wall-mounted eye/face wash and bowl includes the *AXION MSR* eye/face wash head assembly. Zero vertical velocity™ stream engineering with even laminar flow. Round 11" (28 cm) ABS plastic receptor and aluminum wall bracket. Includes a mesh in-line strainer and ball valve with stainless steel ball and stem.



Model **7324**

Wall-mounted eye/face wash which includes the *AXION MSR* head assembly. Zero vertical velocity™ stream engineering with even laminar flow. Chrome-plated brass stay-open ball valve equipped with stainless steel ball and stem, green molded ABS plastic wall bracket, universal sign, and ½" NPT inlet. Floor drain is recommended for this unit.





Model **7777**

Pedestal unit, includes a Type 304 stainless steel *AXION MSR* eye/face wash head. Zero vertical velocity™ stream engineering with even laminar flow. Features a round 11" (28 cm) Type 304 stainless steel receptor, and 1-1/4" NPT stainless stanchion. Optional stainless steel dust cover, model 9102.



Model **7261-7271**

Pedestal unit, includes the *AXION MSR* eye/face wash head. Zero vertical velocity™ stream engineering with even laminar flow. Features a round 11" (28 cm) green ABS plastic receptor and 1-1/4" NPT galvanized stanchion. Also available with a stainless steel bowl, Model 7361-7461.

AXION® NOZZLE

The *AXION* drench shower nozzle uses the latest in hydrodynamic principles to spin inlet water and break it into smaller, discrete droplets. It is designed to minimize the strong physical pressure that drives the water to the outer rim of normal showerheads, making the distribution equal across the entire footprint of the flow. This innovative design is featured on a number of shower units providing a comfortable environment by breaking the streams of water into smaller individual droplets.





Model **8122**

AXION drench shower with hydrodynamic shower design. Reduced installation time due to pre-built valve assembly and the ability to mount horizontally or vertically from any wall or ceiling. Solid construction from Schedule 40 hot-dipped galvanized steel make for a durable, long-lasting product.



Model **8130**

AXION drench shower with hydrodynamic shower design. Reduced installation time due to pre-built valve assembly and the ability to mount horizontally or vertically from any wall or ceiling. Corrosion resistant Schedule 80 PVC pipe painted safety green, and stainless steel valve.



Model **8111FP**

Freeze-protected, wall-mounted drench shower features the *AXION* showerhead with flow control that delivers dispersed flow for uniform drenching.



Model **8133H**

Equipped with Type 304 stainless steel *AXION* showerhead, and piping with Type 316 stainless steel valve. Features a self-regulating shower stream and universal emergency sign. Reduced installation time due to pre-built valve assembly and unit's ability to be mounted horizontally from any wall.



Model **8123**

AXION hydrodynamic Type 304 stainless steel showerhead and Schedule 40 hot-dipped galvanized pipe. Universal emergency sign. Vertical or horizontal mount.

AXION® MSR :: COMBINATION UNITS



Model **8300-8309**

Combination shower includes the *AXION MSR* eye/face wash head assembly, and *AXION* hydrodynamic shower design. Zero vertical velocity™ stream engineering with even laminar flow. Features a round 11" (28 cm) Type 304 stainless steel bowl. Stainless steel push flag and pull rod, mesh in-line eye/face wash strainer and ball valves with stainless steel ball and stem. Pipe and fitting: 1-1/4" NPT. Schedule 40 hot-dipped galvanized steel.



Model **8320-8325**

Combination shower includes the *AXION MSR* eye/face wash head assembly. Features a round 11" (28 cm) ABS plastic bowl. Zero vertical velocity™ stream engineering with even laminar flow. Stainless steel push flag for eye/face wash activation, stainless steel pull rod for shower activation, mesh in-line eye/face wash strainer and ball valves with stainless steel ball and stem. Pipe and fitting: 1-1/4" NPT. Schedule 40 hot-dipped galvanized steel.



Model **8336**

Combination shower includes the *AXION MSR* eye/face wash head assembly and *AXION* showerhead. Equipped with Type 316 stainless steel ball valves. Pre-built and fully water/pressure tested. Constructed with corrosion resistant green epoxy finished Schedule 80 PVC.



Model **8330**

AXION MSR eye/face wash head assembly and *AXION* showerhead, both in stainless steel. In-line 50 x 50 mesh water strainer, 11" (28 cm) stainless steel bowl. Solid 1-1/4" NPT Type 304 stainless steel construction. Optional stainless steel dust cover, model 9102.



Model **8317CTFP**

Heat-traced combination shower combines *AXION* ABS plastic showerhead and *AXION MSR* eye/face wash head assembly for irrigation. Safety features include: a thermal actuator bleed valve, 120V thermostat cable double wrapped piping, 3/4" (1.905 cm) insulation and outside jacket surrounding piping to prevent freezing down to -30°F (-34.4°C). Top or bottom water supply. Rated Class 1, Division 2.



Model **8317**

Combines the use of an *AXION* showerhead and *AXION MSR* eye/face wash. Zero vertical velocity™ stream engineering with even laminar flow. Solid galvanized-steel construction. Eye/face wash and valve assembly are pre-built and fully water/pressure tested.

AXION® MSR :: COMBINATION UNITS





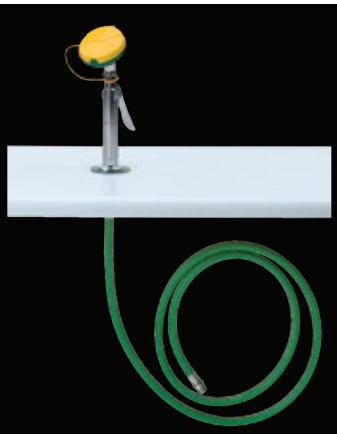
Model **8300CRP-8309CRP**

Corrosion-resistant combination shower and eye/face wash features the *AXION MSR* eye/face wash head assembly and the *AXION* hydrodynamic shower design. Eye/face wash streams provide zero vertical velocity™ stream engineering with even laminar flow. Stainless steel push flag for eye/face wash activation, stainless steel pull rod for shower activation, mesh in-line eye/face wash strainer and a round 11" (28 cm) Type 304 stainless steel bowl.



Model **8309WC**

Barrier-free combination shower eye/face wash, including *AXION MSR* eye/face wash head assembly. Features a round 11" (28 cm) Type 304 stainless steel bowl. Zero vertical velocity™ stream engineering with even laminar flow. *AXION* ABS plastic showerhead with flow control delivers dispersed flow for uniform drenching. Barrier-free design offers a low profile loop assembly allowing for better wheelchair access as well as a longer pull rod for shower activation.



Model **8904**

Counter-mounted *AXION* eye/face wash and body spray head. Activated with simple squeeze lever operation. 8-foot (244 cm) green hose for extended coverage area to further optimize the irrigation.



Model **8905**

Wall-mounted *AXION* eye/face wash and body spray head, and 12-foot (366 cm) yellow recoil hose. Unit is activated with simple squeeze lever operation.

Model **8164**

Recessed drench shower with hi-polished stainless steel showerhead and self-regulating shower stream. Reduced installation time as valve assembly is pre-built.





Model **7610**

Barrier-free pull down eye/face wash with *AXION MSR* head. Easy activation fold-down design. Extended length pull-down arm to accommodate wheelchair access. Activation and deactivation occur at a 30-degree angle limiting water splash. Counter or wall rear-mount design allows the sink to remain open to other uses.



Model **7611**

Lab unit is installed in accessible sink locations. *AXION MSR* eye/face wash head is easily activated by the emergency equipment's swing-out design. Side-mount design allows the unit to be mounted from either side of the sink.



Model **7360BTWC**

Barrier-free emergency *AXION MSR* eye/face wash head assembly. Equipped with an in-line 50 x 50 mesh water strainer and pop off dust cover. Space-efficient design allows the unit to be mounted in easily accessible locations while providing a barrier-free installation. The low profile accommodates wheelchair access. Eye/face wash and valve assembly is pre-built and fully water/pressure tested. Unit comes with trap and tailpiece.



Model **7612LH**

Sink or counter-mounted *AXION MSR* stainless steel eye/face wash head. Swing-away, left-hand operation allows the area stays clear for everyday use. Dust cover for protection from debris when not in use. Unit is also available for right-hand operation.

PORTABLE EYEWASHES

Model **7501**

Compact and portable, this model is ideal for remote locations. Gravity fed, it supplies a continuous flow of clean water for a full 15 minutes at .4 GPM (1.5 LPM). Featuring an FDA approved high-density green polyethylene tank easily activated by pulling the yellow activation arm down to the open position.



Model **7501T**

Gravity-fed, 9-gallon, tempered portable eyewash that uses a heated, insulated blanket to provide ANSI certified, potable, tempered water in ambient operating temperatures from -20°F (-29°C) to 100°F (38°C). Ideal for remote locations without access to a continuous potable water source. Various voltage and Haz Loc options available.



Model **9082**

Sterile bacteriostatic preservative for use in portable eyewash stations. One 5 oz. (148 ml) bottle will preserve 5 to 20 gallons (18.9 to 75.7 L) of potable water for up to three months. Four bottles per carton.





Model **7601.15**

Air-pressurized, 15-gallon, self-contained eyewash with an ASME rated tank. Model 7601.15 is an ideal solution for a facility's ANSI eyewash requirements in locations without access to a continuous potable water source and where an ASME tank is required. Protective measures include: air pressure gauge, pressure relief valve, and tire-type air fill valve. Optional transport cart, model 9008 and drench hose, model 8901B.



Model **7601.37**

Air pressurized, portable eyewash and body spray provides a reliable source of safety for irrigation. Combines the use of twin ABS plastic eyewash heads with a green ABS plastic face and body spray head. ASME rated 37-gallon (140 L) stainless steel tank. Protective measures include: air pressure gauge, pressure relief valve, and tire-type air fill valve. Includes a 6-foot (2 m) hose. Uses optional 9008 cart for site transport.



Model **7603**

Air-pressurized, 15-gallon, self-contained portable eyewash. Provides approximately 10 usable gallons (37.9 liters) of water for effective rinsing of the eyes. Ideal, cost-efficient solution for a facility's ANSI eyewash requirements in locations without access to a continuous potable water source. Protective measures include: air pressure gauge, pressure relief valve, and tire-type air fill valve. Optional transport cart, model 9008 and drench hose, model 8901B.



Model **7603T**

Air-pressurized, 15-gallon eyewash that uses a heated, insulated blanket to provide ANSI-compliant tempered, potable water in ambient operating temperatures from -20°F (-29°C) to 100°F (38°C). The unit provides approximately 10 usable gallons (37.9 liters) of water for effective rinsing. 120V electrical requirement with supplied 8' GFCI power cord. Additional HazLoc and 240V options available.



Your Industrial Valve Safeguard

Stem Shield™ provides ideal protection for stem threads on stem and yoke gate valves. *Stem Shield* is a simple, cost-effective safeguard for workers who could come into contact with exposed industrial valve stems, potentially causing injury or infection.

- Chemically-resistant, waterproof, soft-cell rubber foam enclosed PVC pipe
- Lightweight, durable material withstands extreme temperatures and a broad range of elements
- Highly-visible yellow casing for easy detection
- Stainless steel cable to lock Shield in place without inhibiting operation of valve
- Quick and easy installation

BENEFITS OF STEM SHIELD

1. SAFETY: PROTECTION AGAINST INJURY AND INFECTION
Stem Shield protects workers from accidentally cutting, gouging, impaling or otherwise injuring themselves due to exposed stems. The danger of infection resulting from exposed rusty piping can be prevented by simply covering the piping with *Stem Shield*.

2. MAINTENANCE EASE: STEM PROTECTION AND LUBRICATION
Stem Shield protects stem threading from degradation or damage due to a broad range of elements or incidental contact with machinery or tools. *Stem Shield* also reduces the need for frequent lubrication by 50%.

5" (12.7 cm) Stem Shield
Covers valve stems 3-5" in length and up to 1" (2.5 cm) in diameter

7" (17.8 cm) Stem Shield
Covers valve stems 6-7" in length and up to 1 ¼" (3.2 cm) in diameter

9" (22.9 cm) Stem Shield
Covers valve stems 8-9" in length and up to 1 ½" (3.8 cm) in diameter

12" (30.5 cm) Stem Shield
Covers valve stems 9-12" in length and up to 2" (5.1 cm) in diameter

18" (45.7 cm) Stem Shield
Covers valve stems 13-18" in length and up to 2" (5.1 cm) in diameter

Customization options include diameter, length, color, and logo. Available through the Haws® Specials Program.

BARRIER-FREE LAB PRODUCTS



FEATURES & BENEFITS

- *AXION MSR* eye/face wash head assembly
- *AXION* stainless steel showerhead with hydrodynamic design for equal distribution of water throughout flow
- Valve designed to make flushing of fluid occur with the pull of a lever
- Pull-down design for wheelchair accessibility
- Eye/face wash and valve assembly pre-built and fully water/pressure tested
- 18-Gauge Type 304 stainless steel cabinet



Model **8355WCW**



Barrier-free, fully-recessed combination unit features the *AXION* stainless steel showerhead with the *AXION MSR* eye/face wash. Fully-recessed design with pull-down lever to activate shower. Chrome-plated brass pull-down valve for eye/face wash and easy access in-line strainer.

Model **7656WCSM**



Wheelchair accessible surface-mount unit features the *AXION MSR* eye/face wash. Stainless steel deep-drawn cabinet and surface-mount support enclosure, polished chrome-plated brass pull-down valve with easy access in-line strainer. Perfect for mounting on block or solid walls which cannot be cut into.



Model **8356WCDD**



Barrier-free, fully-recessed, combination unit features the *AXION* stainless steel showerhead with the *AXION MSR* eye/face wash. Wall flush-mount design with pull-down lever to activate shower. Stainless steel drain pan to collect wash waste within cabinet, with day light drain.

Model **7656WCC**



Barrier-free, fully-recessed, wall-mounted unit features the *AXION MSR* eye/face wash. Chrome-plated brass pull-down valve for eye/face wash and easy access in-line strainer. Stainless steel drain pan to collect wash waste within cabinet.



Model **8356WCSM**

Wheelchair accessible surface-mount combination unit features *AXION* stainless steel showerhead and *AXION MSR* eye/face wash with a pull-down lever to activate shower. Perfect for mounting on block or solid walls which cannot be cut into. Easy access exterior mounted in-line strainer.





Model **8356WCW**

Barrier-free combination unit features the *AXION* stainless steel showerhead with the *AXION MSR* eye/face wash. Fully-recessed wall-mount design with pull-down lever to activate shower. Stainless steel drain pan to collect wash waste within cabinet.







Model **8356WCC**

Barrier-free, wall-mounted, fully recessed combination shower unit features the *AXION* stainless steel showerhead with the *AXION MSR* eye/face wash. Design of the shower allows for flush in the ceiling mounting, or to hang down from the ceiling. Stainless steel drain pan to collect wash waste within cabinet.



Model **8355WCC**

Fully-recessed combination shower unit features the *AXION* stainless steel showerhead with the *AXION MSR* eye/face wash. Stainless steel deep-drawn cabinet and polished chrome-plated brass pull-down valve with easy access in-line strainer.



Model **7655WCSM**

Wheelchair accessible surface-mount *AXION MSR* eye/face wash. Chrome-plated brass pull-down valve for eye/face wash and easy access in-line strainer. Perfect for mounting on block or solid walls which cannot be cut into.



Model **7655WCC**

Fully-recessed, wall-mounted unit features the *AXION MSR* eye/face wash. Stainless steel deep-drawn cabinet and polished chrome-plated brass pull-down valve with easy access in-line strainer.

AXION® THERMOSTATIC MIXING VALVES



Medically superior *AXION MSR* technology combined with HAWS INTEGRATED® custom engineering provides your facility a complete ANSI compliant safety response system.

AXION® VALVES

- Lowest internal pressure drop for this class of valve
- Custom shuttle design to virtually eliminate valve binding
- Offering NSF/ANSI 372 AB1953, reduction of lead content, compliance in select models
- Funnel design improves temperature control with better mixing at low flow rates
- Highest Cold Water Bypass flow rate by class in the industry
- Actively suspends hot water when cold water supply is lost to protect against scalding
- Lime and calcium resistant components used throughout the construction
- Extended 3-year warranty



Model **TWBS.HF**

AXION thermostatic mixing valve that mixes hot and cold water to supply tempered water to emergency shower and eyewash fixtures requiring flow up to 78 GPM (295 LPM). Triple redundant anti-scald protection. High Cold Water Bypass flow rate of 79 GPM (299 LPM). Pressure sensing diverter valve provided that sends a pressure signal to open cold water bypass valve if hot water loses pressure. Lead-free brass design CSA certified to ASSE 1071, NSF 61, NSF/ANSI 372, California Health and Safety Code 116875 (AB 1953-2006), and applicable sections of CSA B125.3.



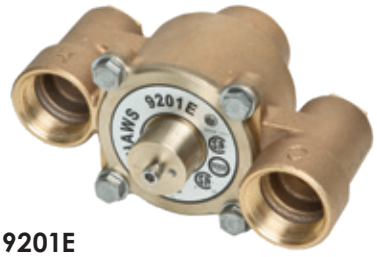
Model **9201H**

Lead-free *AXION* thermostatic mixing valve that mixes hot and cold water to supply tempered water to emergency shower and eyewash fixtures requiring flow up to 31 GPM (117 LPM). High Cold Water Bypass flow rate of 20 GPM (76 LPM). CSA Certified to ASSE 1071, NSF 61, NSF/ANSI 372, California Health and Safety Code 116875 (AB 1953-2006), and applicable sections of CSA B125.3.



Model **9201EW**

AXION thermostatic mixing valve that mixes hot and cold water to supply tempered water to emergency eyewash fixtures requiring flow up to 10 GPM (37.9 LPM). CSA Certified to ASSE 1071 and applicable sections of CSA B125.3.



Model **9201E**

AXION thermostatic mixing valve that mixes hot and cold water to supply tempered water to emergency shower and eyewash fixtures requiring flow up to 31 GPM (117 LPM). CSA Certified to ASSE 1071 and applicable sections of CSA B125.3.

FLOW CAPACITIES OF MIXING VALVES

MODEL	INLET	OUTLET	MINIMUM FLOW	INTERNAL COLD WATER BY-PASS AT 30PSI DROP	PRESSURE DROP										
9201E	1-1/4"	1-1/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	20	6	8	13	18	22	25	28	31	38	44	GPM
			4	76	22	30	48	68	83	96	107	117	144	166	L/MIN
9201EFE	1/2"	3/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	10	2	3	5	7	9	10	11	12	15	17	GPM
			4	38	8	12	19	26	32	37	41	45	56	64	L/MIN
9201EW	1/2"	1/2"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	4	2	3	4	6	7	8	9	10	12	14	GPM
			4	14	7	10	16	22	27	31	34	38	44	53	L/MIN
9201H	1"	1-1/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	20	6	8	13	18	22	25	28	31	38	44	GPM
			4	76	23	30	49	68	83	95	106	117	144	167	L/MIN
9202E	1-1/4"	1-1/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	50	14	20	32	45	55	64	71	78	95	110	GPM
			4	299	53	76	121	170	280	242	269	295	360	416	L/MIN
TWBS.EWE	1/2"	3/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	10	2	3	5	7	9	10	11	12	15	17	GPM
			4	38	8	12	19	26	32	37	41	45	56	64	L/MIN
TWBS.HF	2"	2"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	79	14	20	32	45	55	64	71	78	95	110	GPM
			4	299	53	76	121	170	280	242	269	295	360	416	L/MIN
TWBS.SHE	1-1/4"	1-1/4"			1	2	5	10	15	20	25	30	45	60	PSI
					.069	.138	.345	.689	1.03	1.38	1.72	2.07	3.10	4.13	BAR
			1	50	13	19	30	43	52	60	68	74	91	105	GPM
			4	189	49	72	114	163	197	227	257	280	344	397	L/MIN










TEMPERED WATER :: PERFORMANCE SERIES



The Performance Series provides ANSI/ISEA Z358.1 compliant tempered water options with reduced lead time and cost by offering standardized configurations to meet decontamination needs. With multiple tank, electrical and blending capability options, the Performance Series will be sure to have your complete solution. All units are built and pre-tested for immediate usage.

Model **8710**

Outdoor, heated, tempered water shower and eye/face wash system. This 5' x 9' (1.52 x 2.74 M) fiberglass enclosure uses a 20 GPM (75.7 LPM) AXION® showerhead, a 3 GPM (11.4 LPM) AXION® eye/face wash, and a 3 GPM (11.4 LPM) drench hose.

Additional features include:

- Internal space heater for 70°F (21°C) internal booth temperature control
- Built-in UV protection
- Audible and visible alarms
- Spring-loaded, self-closing doors
- Internal hot water supply
- Scald and freeze protection
- Advanced programmable monitoring control system
- Electrical system is easily adapted to voltages upon request
- Operating temperature range: -40°F to 100°F (-40°C to 38°C)

Model **8720**

Outdoor, overhead tank, tempered water shower and eye/face wash system for use in remote areas with no water supply. This 4.6' x 4.5' (1.4 x 1.37 M) fiberglass enclosure uses a 20 GPM (75.7 LPM) AXION® showerhead and a 3 GPM (11.4 LPM) AXION® eye/face wash.

Additional features include:

- 450-gallon (1703 L) fiberglass gravity-fed water tank
- Suitable for use in Seismic Zone C
- Built-in UV protection
- Plug-n-play with quick electrical disconnects
- Internal space heater for 70°F (21°C) internal booth temperature control
- Audible and visible alarms
- Spring-loaded, self-closing doors
- Scald and freeze protection
- Advanced programmable monitoring control system
- Electrical system is easily adapted to voltages upon request
- Operating temperature range: -40°F to 100°F (-40°C to 38°C)

Model **8730**

Outdoor shower and eye/face wash system. This 5' x 4' (1.52 x 1.22 M) fiberglass enclosure uses a 20 GPM (75.7 LPM) AXION® showerhead, a 3 GPM (11.4 LPM) AXION® eye/face wash, and a 3 GPM (11.4 LPM) drench hose.

Additional features include:

- Internal space heater for 70°F (21°C) internal booth temperature control
- Built-in UV protection
- Audible and visible alarms
- Spring-loaded, self-closing doors
- Scald and freeze protection
- Advanced programmable monitoring control system
- Electrical system is easily adapted to voltages upon request
- Operating temperature range: -40°F to 100°F (-40°C to 38°C)



Model shown with additional light/alarm

Model **8760**

Skid-mounted tempered water shower and eye/face wash system. This 5' x 5' (1.52 x 1.52 M) unit uses a 20 GPM (75.7 LPM) AXION® showerhead, a 3 GPM (11.4 LPM) AXION® eye/face wash, and a 3 GPM (11.4 LPM) drench hose.

Additional features include:
- Audible and visible alarms
- Internal hot water supply
- Advanced programmable monitoring control system
- Electrical system is easily adapted to voltages upon request
- Operating temperature range: 40°F to 100°F (4°C to 38°C)

Model **8780**

5' x 5' (1.52 x 1.52 M) Indoor water tempering skid supplying tempered water to single or multiple showers and/or eyewashes.

Additional features include:
- Scald protection
- Electrical system is easily adapted to voltages upon request
- Advanced programmable monitoring control system
- Operating temperature range: 40°F to 100°F (4°C to 38°C)

Model **8785**

5' x 5' (1.52 x 1.52 M) Fiberglass, outdoor water tempering booth supplying tempered water to single or multiple showers and/or eyewashes.

Additional features include:
- Internal space heater for 70°F (21°C) internal booth temperature control
- Built-in UV protection
- Scald and freeze protection
- Advanced programmable monitoring control system
- Operating temperature range: -40°F to 100°F (-40°C to 38°C)

TANK and ELECTRICAL OPTIONS

MODEL	8710	8730	8760	8780	8785	8720
TANK SIZES						
Model .21 / 119 Gal.	X	Unit does not have a tank	X	X	X	Standard with 450-gal. (1703 L) tank
Model .22 / 120 Gal. ASME	X		X	X	X	
Model .23 / 330 Gal. ASME	X		X	X	X	
Model .25 / 200 Gal. AMSE	X		X	X	X	
ELECTRICAL OPTIONS						
Model .31 / NEMA 4	X	X	X	X	X	X
Model .32 / CL1 DIV2	X	X	X	X	X	X

TEMPERED WATER :: PERFORMANCE SERIES





Model **9326**

Tankless Heater Solution, an electric water heating system designed to eliminate the need for large water storage tanks, as well as the continuous energy demand to maintain them at higher temperatures. This system will provide safety showers and eyewashes with an unlimited and instantaneous supply of tepid water, eliminating the "recovery time" needed to reheat large storage tanks after use. Controlled heater package housed in a NEMA 4 enclosure. Also available with a Type 304 stainless steel NEMA 4X enclosure, Model 9327. Multiple configurations and voltages are available for your specific project. *Standard models 9326 & 9327 are not for use in freezing environments.*

Model **8740**

Emergency overhead tank shower is pre-engineered and self-contained, designed for indoor use.

ANSI/ISEA Z358.1 and EN 15154 compliant design as a shower at 60 - 100° F (16 - 38° C) ambient temperature. Uniform body coverage for superior decontamination. Compact unit height allows for installations in locations with limited space.

ACCESSORIES



Model **SP829**

10-5/8" (27 cm) ABS green plastic drench *AXION* showerhead delivers dispersed flow for uniform drenching. Hydrodynamic design minimizes the strong physical pressure that drives the water to the outer rim making the distribution equal across the entire footprint of the flow. Stainless steel option, Model SP829SS.



Model **SP65SS**

AXION MSR stainless steel eye/face wash head with inverted directional flow, integral flow control, and laminar flow enhanced comfort, stability and effectiveness.

(Not for use with freeze resistant models). Green ABS plastic option available, Model SP65.



Model **9001**

Emergency alarm and light system that is operated by a double-pole, double-throw flow switch when the emergency shower or eyewash is in operation. System can be mounted to pipe or wall.

120 VAC Class 1, Division 2, Groups B, C, and D emergency alarm system, model 9001ExP.



Model **SP154DPDT**

Flow switch for use with the 9001 and 9001EXP alarms. AC, 125/250 volts, 5 amps, double pole, double throw.



Model **9020**

3-sided sign for combination shower and eyewash units. Can be wall mounted for 2-way visibility, upright for 3-sided visibility.



Model **SP170**

Test card with space for date and initials of inspector. 25 per pack. Includes zip ties.



Model **SP157B**

Brass automatic thermal actuator scald protection bleed valve opens when internal water temperature in emergency equipment exceeds 95°F (35°C). 1/2" (1.27 cm) NPTF inlet and outlet.



Model **SP158B**

Brass automatic thermal actuator freeze protection bleed valve opens when internal water temperature in emergency equipment falls below 36°F (2.2°C). 1/2" (1.27 cm) NPTF inlet and outlet.



Model **9011**

ANSI Emergency Shower and Eyewash (ESEW) testing kit. Includes 5-gallon bucket with lid, 2-gallon marked line, shower sock and 3-piece pole, eyewash gauge, tape measure, testing tag, thermometer, ANSI checklist and testing instructions.



Model **9084**

Immersible Cleansing Stick that gives continual protection against pathogenic bacteria for water storage systems. It balances the PH of the water preventing the build-up of bio-film, scale and corrosion. This non-chemical disinfecting module is designed to be immersed in a water tank to provide constant protection from bio-film and hazardous levels of pathogenic bacteria, including Legionella. The Cleansing Stick will treat up to 528 gallons (2000 liters). Dimensions: 32" (81.3 cm) long x 3" (7.5 cm) in diameter.



Model **9015**

Eyewash gauge and 6 in. (15 cm) ruler.

AXION® MSR

Doctors' First Choice for Injury Reduction

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