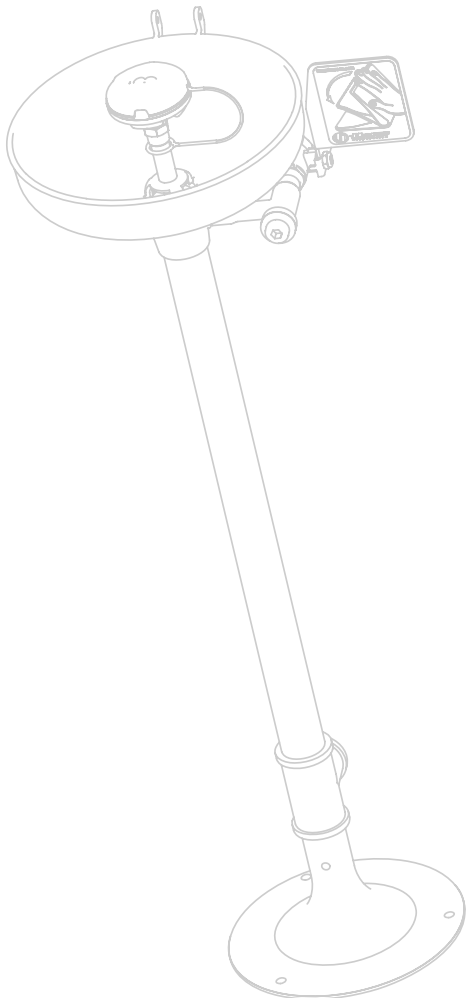


EMERGENCY EQUIPMENT



AXION MSR™

**EYE WASH :: EYE/FACE WASH
SHOWERS :: COMBINATION UNITS**

This catalog represents a small portion of the extensive line of emergency equipment products that Haws® manufactures, including items from emergency eyewashes to sinks, mixing valves, turnkey enclosures and accessory products. If you cannot find a product here, please visit the Haws website at www.hawsc.com for a more comprehensive list of products. Whatever your emergency equipment need, Haws has a solution.



ABOUT HAWS



GLOBAL CUSTOMERS



GLOBAL VISION



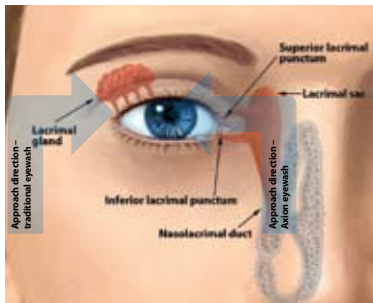
LOCAL SERVICE

For over 103 years, Haws Corporation has been committed to bringing the highest quality emergency equipment products to a wide variety of markets.

As a global manufacturer, we produce a wide array of emergency equipment products to meet the varying needs of our customers. From our AXION MSR™ equipped eyewash stations to our turnkey tempered water Engineered Solutions™ booths, Haws is well equipped to meet the demand of our customers.

Haws is represented in over 80 countries and has manufacturing facilities in the U.S., Singapore, Switzerland and Brazil. This dedication to global partnership ensures that Haws can meet local demands on a global scale.

AXION MSR™



Axion MSR™ is a patent-pending inverted stream design which sweeps chemical and particulate contaminants away from the lacrimal punctum, or the eye's drain. This direction is consistent with medical irrigation protocols, which by design mitigate the possibility of introducing those hazards into the nasal cavity, where they can be swallowed or inhaled. Whereas, traditional eyewashes push contaminants toward the eye's drain.

AXION MSR™ heads are now a standard feature on our most popular wall-mounted or pedestal eyewashes, as well as combination shower and eyewash products.

axion™
by HAWS



FEATURES & BENEFITS

- 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
- Integral flow controls
- Barrier-free for wheelchair compliance
- Chrome-plated brass stay-open ball valve with a stainless steel ball and stem
- Signage and dust covers are included with all units
- Units are certified to meet the ANSI Z358.1 Standard for emergency eyewash and shower equipment

Model 7360B-7460B

Wall-mounted eye and face wash includes the AXION MSRTM™ eye/face wash head assembly, which is antimicrobially treated to protect against growth of mold and mildew on treated components. Integral flow control can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream engineering with even laminar flow for enhanced comfort, stability and effectiveness. Round 11" 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.

EYEWASH :: EYE/FACE WASH

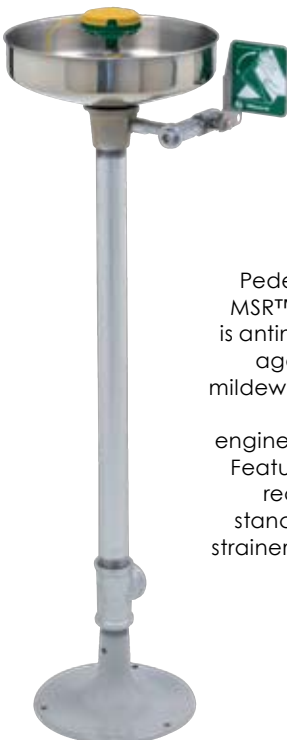
Model 7260B-7270B

Wall-mounted, includes the AXION MSR™ eye/face wash head assembly, which is antimicrobially treated to protect against growth of mold and mildew on treated components. Integral flow control can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream engineering with even laminar flow. Round 11" ABS plastic receptor and aluminum wall bracket. Includes a mesh in-line strainer and ball valve with stainless steel ball and stem.



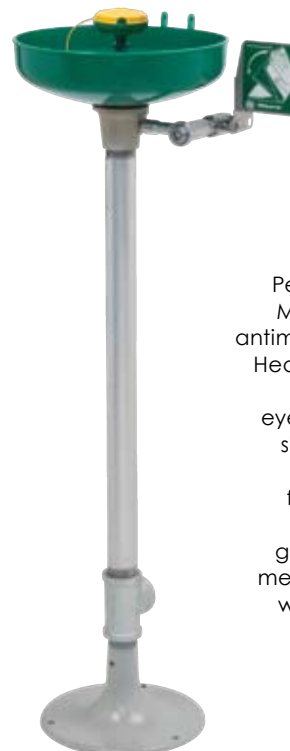
Model 7324

Wall mounted eye/face wash which includes an antimicrobially treated AXION MSR™ eye/face wash head and inverted directional laminar flow which achieves zero vertical velocity supplied by an integral 3.7 gpm flow control. Chrome-plated brass stay-open ball valve equipped with stainless steel ball and stem, green molded ABS plastic wall bracket, universal sign, and 1/2" inlet. Floor drain is recommended for this unit.



Model 7361-7461

Pedestal unit, includes the AXION MSR™ eye/face wash head which is antimicrobially treated to protect against the growth of mold and mildew on the treated components. Zero vertical velocity stream engineering with even laminar flow. Features a round 11" stainless steel receptor and 1-1/4" galvanized stanchion. Includes a mesh in-line strainer, and ball valve with stainless steel ball and stem.



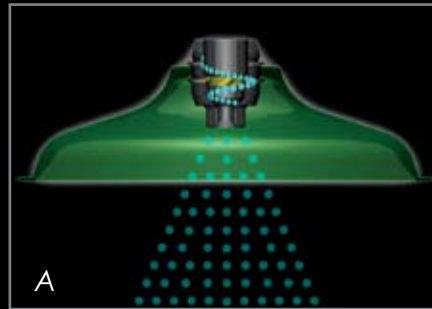
Model 7261-7271

Pedestal unit, includes the AXION MSR™ eye/face wash head, with antimicrobially treated components. Head with integral flow control can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream engineering with even laminar flow. Features a round 11" green ABS plastic receptor and 1-1/4" galvanized stanchion. Includes a mesh in-line strainer and ball valve with stainless steel ball and stem.

DRENCH SHOWERS

AXION NOZZLE

The AXION MSR™ drench shower nozzle uses the latest in hydrodynamic principles to spin inlet water and break it into smaller, discrete droplets (A). It is designed to minimize the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow (B). 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 MSR™ drench shower with new 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 MSR™ drench shower with new hydrodynamic shower design minimizes the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow. Designed to mount horizontally or vertically from any wall or ceiling. Corrosion resistant Schedule 80 PVC painted safety green.



Model 8133H

Equipped with Schedule 40 stainless steel showerhead and 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 8123HPCP

High-polished chrome construction is highly resistant to corrosive environments. Features self-regulating shower stream and universal emergency sign. Minimal maintenance, pre-built valve assembly, mounts horizontally.



Model 8123

Stainless steel showerhead distributes water at an optimal rate and has a self-regulating shower stream and universal emergency sign. Vertical or horizontal mount.

COMBINATION UNITS



Model 8300-8309

Combination shower includes the AXION MSR™ eye/face wash head assembly. New hydrodynamic shower design that minimizes the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow. Antimicrobially treated components. Features a round 11" stainless steel bowl, containing an eye/face wash head with integral flow control that can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream with even laminar flow. Stainless steel push flag and pull rod, mesh in-line eyewash strainer and ball valves with stainless steel ball and stem. Pipe and fitting: 1-1/4" Schedule 40 hot-dipped galvanized steel.



Model 8320-8325

Combination shower includes the AXION MSR™ eye/face wash head assembly, the head is antimicrobially treated to protect against the growth of mold and mildew. Features a round 11" ABS plastic bowl, containing an eye/face wash head with integral flow control that can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream engineering with even laminar flow. Stainless steel push flag for eyewash activation, stainless steel pull rod for shower activation, mesh in-line eyewash strainer and ball valves with stainless steel ball and stem. Pipe and fitting: 1-1/4" Schedule 40 hot-dipped galvanized steel.



Model 8336

Combination shower includes the AXION MSR™ eye/face wash head assembly. Equipped with Type 316 Stainless Steel ball valves and constructed of PVC pipe and fittings. Pre-built and fully water/pressure tested. Constructed from corrosion resistant 2 1/2", green epoxy finished, Schedule 80 PVC.



Model 8330

Stainless steel showerhead, anti-surge Soft-Flo™ eyewash heads and face spray ring for irrigation. In-line 50 x 50 mesh water strainer, 11" stainless steel bowl and stainless dust cover. Pre-built and fully water/pressure tested. Solid 1-1/4" Type 304 Stainless Steel construction.



Model 8317CTFP

Heat traced combination shower combines an ABS showerhead and eye/face wash assembly for irrigation. Safety features include: a thermal actuator bleed valve, 120V thermostat cable double wrapping inside piping, 3/4" insulation surrounding piping and outside jacket to prevent freezing down to -30°F. Top or bottom water supply. Rated explosion proof Class 1, Division 2.



Model 8317

Combines the use of an AXION MSR™ showerhead and AXION MSR™ eye/face wash. Hydrodynamic designed green ABS plastic 10-5/8" showerhead with integral self-regulating 20 gpm flow control, an antimicrobially treated AXION MSR™ eye/face wash head with inverted directional laminar flow. Zero vertical velocity supplied by an integral 3.7 gpm flow control.



Model 7360BTWC

Barrier-free emergency eye/face wash which includes the 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 wheel chair access. Eye/face wash and valve assembly is pre-built and fully water/pressure tested. Unit comes with trap and tailpiece.



Model 8905

AXION MSR™ eye/face wash head assembly. Unit is activated with simple squeeze lever operation. 12-foot yellow recoil hose provides an extended coverage area to further optimize the irrigation process.



Model 8300CRP-8309CRP

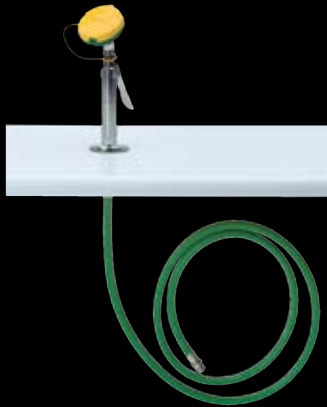
Corrosion resistant combination shower and eyewash features the medically acclaimed AXION MSR™ eye/face wash head assembly and the AXION MSR™ new hydrodynamic shower design. This unit features a round 11" stainless steel bowl with an eyewash head and integral flow control that can be user configured as either an eyewash or eye and face wash on site. Eyewash streams provide zero vertical velocity stream engineering with even laminar flow. Stainless steel push flag for eyewash activation, stainless steel pull rod for shower activation and mesh in-line eyewash strainer.



Model 8309WC

Barrier-free combination shower eye/face wash, including AXION MSR™ eye/face wash head assembly with antimicrobially treated components. Features a round 11" stainless steel bowl, with an eye/face wash head and integral flow control that can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream engineering with even laminar flow. AXION MSR™ ABS plastic drench shower head 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.

BARRIER-FREE :: LAB PRODUCTS



Model 8904

AXION MSR™ eye/face wash head assembly. Unit is activated with simple squeeze lever operation. 8-foot green hose provides an extended coverage area to further optimize the irrigation process.



Model 7612

Lab unit with twin Soft-Flo™ heads that are activated by the stainless steel push flag. When not in use, the unit has a swing-away feature. Side mount design allows the unit to be mounted from the right side of the sink. Model 7612LH is available for left hand activation.

Model 8164

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 45 degree angle limiting splash of water onto 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 8356WC

Barrier-free eye/face wash combines the use of a stainless steel showerhead and Omni-Flo wrap-around eye/face wash assembly for irrigation. Equipped with a stainless steel drain pan, so unit drains waste properly. Designed to accommodate wheelchair access, showerhead allows for flush in the ceiling mounting, or can hang down from the ceiling. Eyewash and valve assembly is pre-built and fully water/pressure tested.



Model 7656WC

Barrier-free eye/face wash provides quick access in emergency situations for all users including wheelchair access. Twin eye/face wash heads are easily activated by the emergency levered pull-down. Mount design allows the unit to be mounted within a recessed wall cabinet with drain pan, providing a space efficient fully functioning piece of emergency equipment.

TEMPERING SYSTEMS & VALVES



Model TWBS.SH

Prepackaged, fully engineered and tested system for mixing hot and cold water to provide tempered water up to 40 gpm for emergency shower and eyewashes. It consists of a thermostatic mixing valve, a high temperature limit valve, a bypass valve and an outlet temperature gauge. Ideal for areas where supply water temperature fall below 60°F (15°C). Unit contains no electrical components, thus suitable for combustible atmospheres.



Model TWBS.EW

Prepackaged, fully engineered and tested system that mixes hot and cold water to supply tempered water to one eye/face wash or two eyewash fixtures requiring flow up to 5 gpm. System consists of a thermostatic mixing valve, a high temperature limit valve, a bypass valve, and an outlet temperature gauge.



Model 9202

Thermostatic mixing valve that mixes hot and cold water to supply tempered water to one or more emergency drench showers and eyewash fixtures requiring flow up to 40 gpm. Unit employs two separate thermostatic mixing elements and includes three outlet temperature gauges.



Model 9201

Thermostatic mixing valve that mixes hot and cold water to supply tempered water to one or more emergency eyewash fixtures requiring flow up to 20 gpm. Unit employs a thermostatic mixing element and includes an outlet temperature gauge.



Model 9201EF

Thermostatic mixing valve that mixes hot and cold water to supply tempered water to fixtures requiring flow up to 7 gpm @ 30 psi, sufficient for a single eye or eye/face wash. Unit employs a thermostatic mixing element and includes an outlet temperature gauge.



Model 9325

Electric water heating system designed to eliminate the need for large water storage tanks. Provides safety showers with an unlimited 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.



Model TWBS.EW.H

An on-demand, prepackaged, fully engineered and tested tempering system to provide tempered water instantaneously. Designed to increase cold water temperature by as much as 45 °F (25 °C) at 2.5 gpm flow; suitable for single eyewash application.



Model 8710*

Heated shower and eye/face wash booth supplies tempered water for flushing during emergency situations in all-weather conditions. Combines the use of an AXION showerhead and the AXION MSR™ eyewash head for the irrigation process. Can be used as a complete stand-alone decontamination unit and used as a multiple shower feeder, as it can operate with a number of tempering and electrical options. With a number of different hot water supply options, electrical options, blending options and multi-unit supply capabilities, it is adaptable to almost any emergency shower requirement.



Model 8780*

Skid-mounted tempering system can supply a number of drench systems or eyewash stations. This single or multiple shower and/or eyewash feeder is designed to operate with a number of tempering and electrical options. The tempered water blending system includes an integral hot water supply, whether stored or supplied by steam, and incorporates fail-safe features like anti-scald protection and full flow cold water bypass. The electrical system requires 208/240 VAC single phase, 3 wire 40 amp minimum, though it can be easily adapted for other voltages upon request.

The 8780 is capable of feeding any Haws plumbed shower, like the 8730.



Model 8760*

Skid-mounted decontamination and tempering system can be used as a complete stand-alone decontamination or as a multiple shower feeder, can operate with a number of tempering and electrical options. Combines the use of an AXION showerhead and the AXION MSR™ eyewash head for the irrigation process. Comes with a tempered water blending system that includes an integral hot water supply, and will incorporate fail-safe features like anti-scald protection and full flow cold water bypass.



Model 8730

Completely enclosed shower and eye/face wash booth with all-weather foam insulated booth and an internally mounted space heater. Combines the use of an AXION showerhead and the AXION MSR™ eyewash head for the irrigation process. During an emergency, a flow-switch activated alarm is sounded and a flashing warning light is triggered. It is adaptable to almost any emergency shower requirement.



Whatever your extreme environment, we've got the solution, including options for cooling water to meet ANSI standards. Please contact Engineered Solutions at 888-640-4297 or engineeredolutions@hawsc.com to discuss your design needs.

Special order model shown.

** variable tank size options, steam heat exchanger or optional electrical classifications available. Instantaneous hot water heater also available.*

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. Featuring a FDA high-density green polyethylene tank easily activated by pulling the yellow activation arm down to the open position. Supplied with one bottle of bacteriostatic additive.



Model 7601.37

Pressurized, portable eyewash and body spray provides a reliable source of safety for irrigation. Combines the use of twin Soft-Flo™ eyewash heads with a face and body-spray head. ASME rated 37-gallon stainless steel tank. Protective measures include: air pressure gauge, pressure relief valve, tire-type air fill valve and bacteriostatic additive that permits storage of water for up to six months. Includes a 6-foot hose. Uses optional 9008 cart (shown) for site transport.



Model 7601.10.2

Pressurized, portable eyewash and body spray combining the use of twin Soft-Flo™ eyewash heads with a face and body-spray head. Features a 13-gallon ASME rated stainless steel tank. Protective measures include: air pressure gauge, pressure relief valve, tire-type air fill valve and bacteriostatic additive that permits storage of water for up to six months. Includes a 6-foot hose. Uses optional 9007 cart for site transport.



Model 7602.10

Pressurized 10-gallon personal portable eyewash, providing a reliable source of safety for the irrigation process. Protective measures include: air pressure gauge, pressure relief valve, tire-type air fill valve and bacteriostatic additive that permits storage of water for up to six months. Uses optional 9007 cart for site transport.



Model 7500EB

Portable 16-gallon, gravity fed unit, supplying a continuous flow of clean water for a full 15 minutes at .4 gpm. Featuring a FDA high-density green polyethylene tank easily activated by pulling the yellow activation arm down to the open position. 1000 Watt, 120 VAC submersible thermostatically controlled heater produces the ideal temperature in environments as low as -30°F (-34°C). Model supplied with six-foot power cord, 3-prong plug, fitted insulated protective cover and one bottle of bacteriostatic additive.

ACCESSORIES



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.



Model SP21FC

ABS plastic eye/face wash head with a built-in 2.5 gpm automatic pressure compensation flow control. Integral flip-top dust cover is automatically released by flow of water.



Model SP65

AXION MSRTM eye/face wash head with a built-in 3.7 gpm flow control. The eye/face wash head components are antimicrobially treated. Can be used to retrofit existing installations.



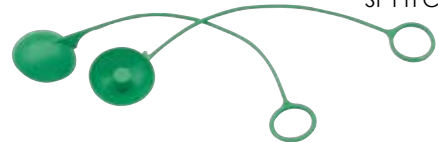
Model 9001EXP

Emergency alarm and light system that is operated by a double pole, double throw flow switch. Can be mounted to pipe or wall.



Model SP11FC

Soft-Flo ABS plastic anti-surge eyewash head with a built-in 1.2 gpm automatic pressure compensation flow control.



Model 9095

Dust cover for use on Haws SP11FC heads.



Model SP154DPDT

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



Model 9015

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



SPI58A

Freeze protection bleed valve. Automatic thermal actuator bleed valve opens when internal water temperature drops below 35°F (2°C).



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 SPI70

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



SPI57A

Scald protection bleed valve. Flushes water through line when internal water temperature rises above 110°F (45°C). Closes at 95°F (35°C).



Model 9010

Shower test kit.



Model 9037

Privacy curtain.

SPOTLIGHT ON: SCHOOLS



3500D
Fountain

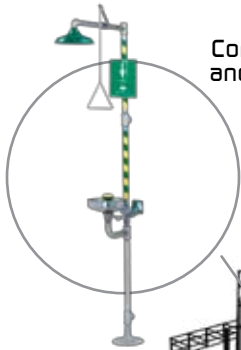
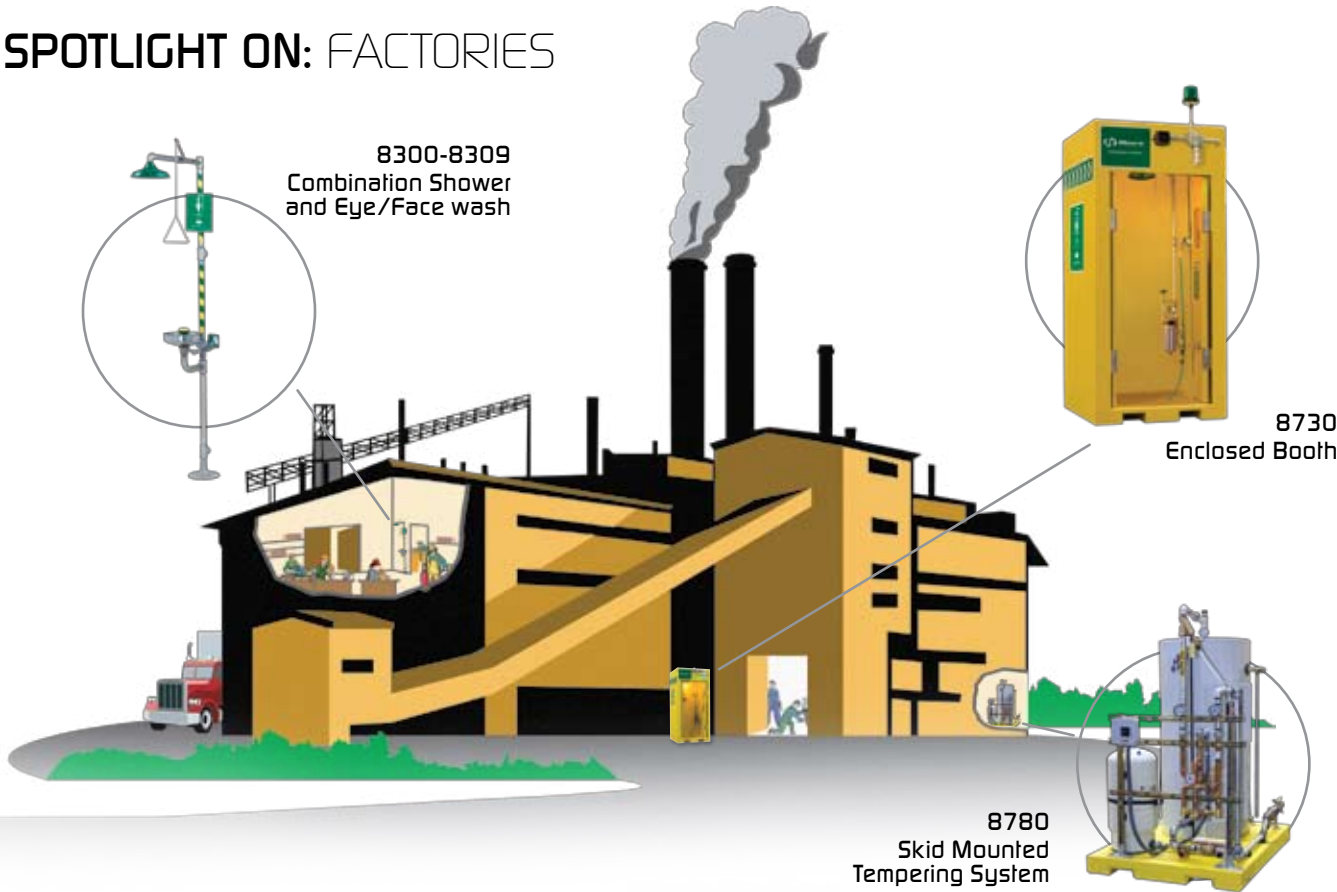


1117L
Fountain



1409
Fountain

SPOTLIGHT ON: FACTORIES



8300-8309
Combination Shower
and Eye/Face wash



8730
Enclosed Booth



8780
Skid Mounted
Tempering System

PRODUCT SPOTLIGHTS

Model 1117L

An adjustable barrier free "Hi-Lo" drinking fountain with antimicrobial protection that uses a patented push-button valve assembly allowing for front access stream adjustment as well as cartridge and strainer access. The dual stainless steel wall-mounted low-profile basins allow the 1117L to be placed securely in multiple locations without taking up excess space. The fountain has a one-piece stamped bowl, and is equipped with vandal-resistant components, making this fountain very durable.

**Bubbler head, waste strainer and trap are antimicrobially treated using the natural protection of silver which helps protect it against the growth of mold and mildew on treated components.*



Model 8780

Skid-mounted tempering system which can supply a number of drench systems or eyewash stations. This single or multiple shower and/or eyewash feeder is designed to operate with a number of tempering and electrical options. The tempered water blending system includes an integral hot water supply, whether stored or supplied by steam, and will incorporate fail-safe features like anti-scald protection and full flow cold water bypass.



Model 8300-8309

Combination shower and eyewash which includes the AXION MSR™ eye/face wash head assembly. New hydrodynamic shower design that minimizes the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow. Antimicrobially treated components. Features a round 11" stainless steel bowl, with an eye/face wash head and integral flow control that can be user configured as either an eyewash or eye and face wash on site. Zero vertical velocity stream with even laminar flow.



Model 8730

A completely enclosed shower and eye/face wash booth designed to protect in case of an emergency in the most adverse of conditions. Its use of an all-weather foam insulated booth with an internally mounted space heater provides an environment that is safe and comfortable for the user. The unit is equipped with the new hydrodynamic shower design that minimizes the strong physical pressure that drives the water to the outer rim of normal shower heads, making the distribution equal across the entire footprint of the flow in combination with the AXION MSR™ eye/face wash head. During an emergency, a flow-switch activated alarm is sounded and a flashing warning light is triggered. Combination shower and eyewash is certified by CSA to meet the ANSI Z358.1 Standard for Emergency Eyewash and Shower Equipment.



AXION MSR™ ...
...Turning Eyewashes
Inside Out.

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