

# ePOD™

SAFE.  
RUGGED.  
ADAPTABLE.

The Newest Quality Safety Solutions  
Only From Haws



 **Haws**®  
INTEGRATED

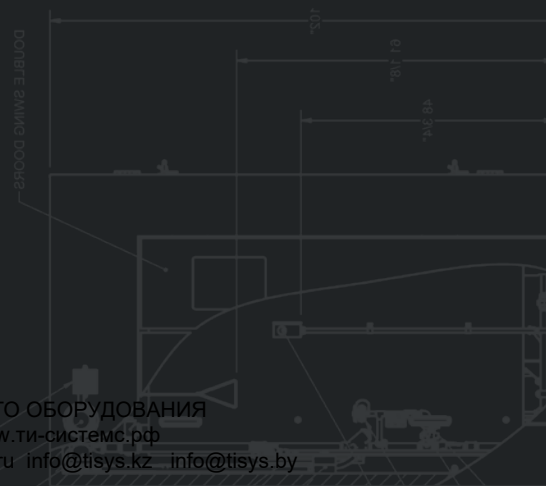
# THE HAWS INTEGRATED® DIFFERENCE

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*Haws Integrated* designs, builds, coordinates, and services engineered industrial safety systems that provide tempered water for large-scale decontamination and emergency wash installations in extreme operating environments. Our goal is to address your site's unique requirements efficiently and effectively, while ensuring continuous ANSI/ISEA compliance.

The new *Haws Integrated* ePOD™ provides the most comprehensive combination of equipment and services in the industry. From simple point-of-use applications to complex, multi-shower systems, our updated designs include enhanced features and an improved user experience.

From facilities to remote and desolate environments, chemical labs and hospitals to wastewater treatment plants, *Haws Integrated* has a solution to encompass any environment or project size.



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# STREAMLINED MANUFACTURING FOR ENHANCED CRAFTSMANSHIP AND LEAD TIMES

All engineering designs are created and manufactured in our USA facility allowing for design compatibility and quality assurance, with order timeline control and oversight for each project.

The product components are pre-built, tested, and ready to ship to meet reduced lead time expectations and enhanced customer experience.





# ADVANCED TEPID WATER SOLUTION





### Unequaled Build Quality

*Haws* is known for providing superior products to the market, and the redefined *Haws Integrated ePod* pushes the quality a step further. Enhanced accessibility and reliability with all-aluminum construction and premium powder-coated walls ensure the highest quality protection against the world's harshest environments.



### Customer Centric Offering

Pre-sale, the knowledgeable *Haws* engineering team will work to ensure product fit and function are matched to your site's needs, and our dedicated project managers will drive requirements and timelines. Post-sale, *Haws Services* offers ongoing maintenance and compliance assurance to protect your investment. We are the only manufacturer that offers customer support throughout the project and product lifecycle, providing an unrivaled customer experience.



### Unrivaled Safety Innovations

The new *Haws Integrated ePod* is the result of extensive real-world experience, research, and feedback from industry experts. Our unique design serves various emergency response purposes beyond regulatory standards, including our patented AXION® MSR technology, and SafeSight™ high-visibility green illuminated door access for immediate identification in emergency situations. A new chamfered front design allows victims will know exactly where the entrance is while they are incapacitated.



### Superior Order Processing

Emergency equipment is a vital component to a facility safety plan. *Haws* is committed to providing superior lead times through rigorous demand planning and inventory management of core components. Upon receipt of an approved PO, most pre-engineered equipment ships within 30 days.

# FLEXIBLE & VERSATILE SOLUTIONS

The *Haws Integrated ePOD* product line has been completely redesigned with site functionality in mind. The units are built on a modular platform, allowing for greater individual site modifications as well as a more comprehensive product offering.

The new modular system can be shipped complete or installed on-site. This versatility is ideal for systems with tight spaces with multiple levels, narrow corridors, or small doorways.

In addition, the servicing of the units has been upgraded to provide access door options and the ability to remove walls completely.

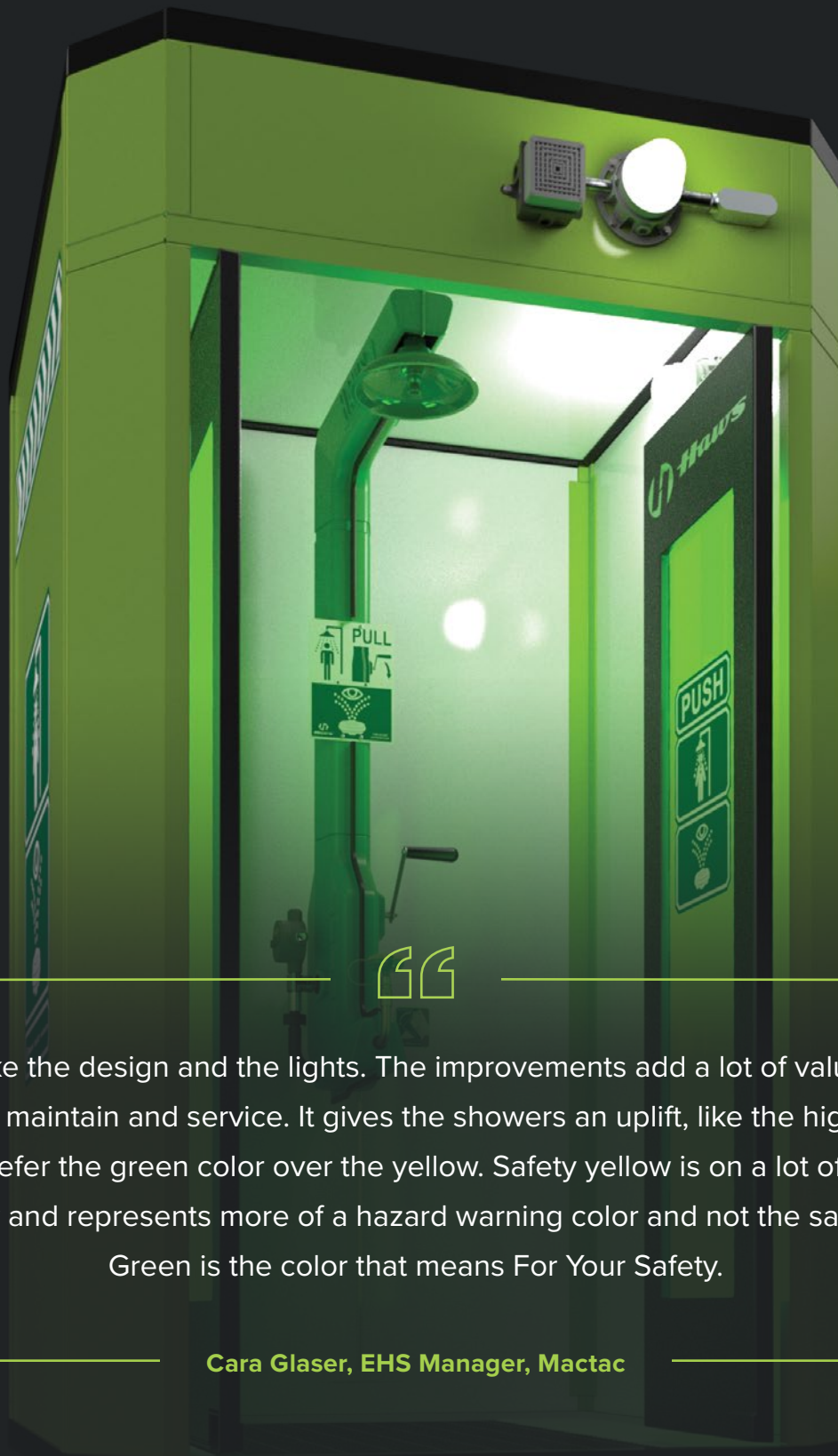
Regardless of the job size or system complexity, our proprietary modular skid and booth systems allow for easy scalability without increased lead times.





The optional service mezzanine and attached ladder system provide a stable platform for quick and easy servicing. No scaffolding, no permits, and virtually no downtime when annually servicing for ANSI/ISEA Compliance.





I like the design and the lights. The improvements add a lot of value. It's easy to maintain and service. It gives the showers an uplift, like the high-visibility lights. I prefer the green color over the yellow. Safety yellow is on a lot of things in our facility and represents more of a hazard warning color and not the safety color.

Green is the color that means For Your Safety.

**Cara Glaser, EHS Manager, Mactac**

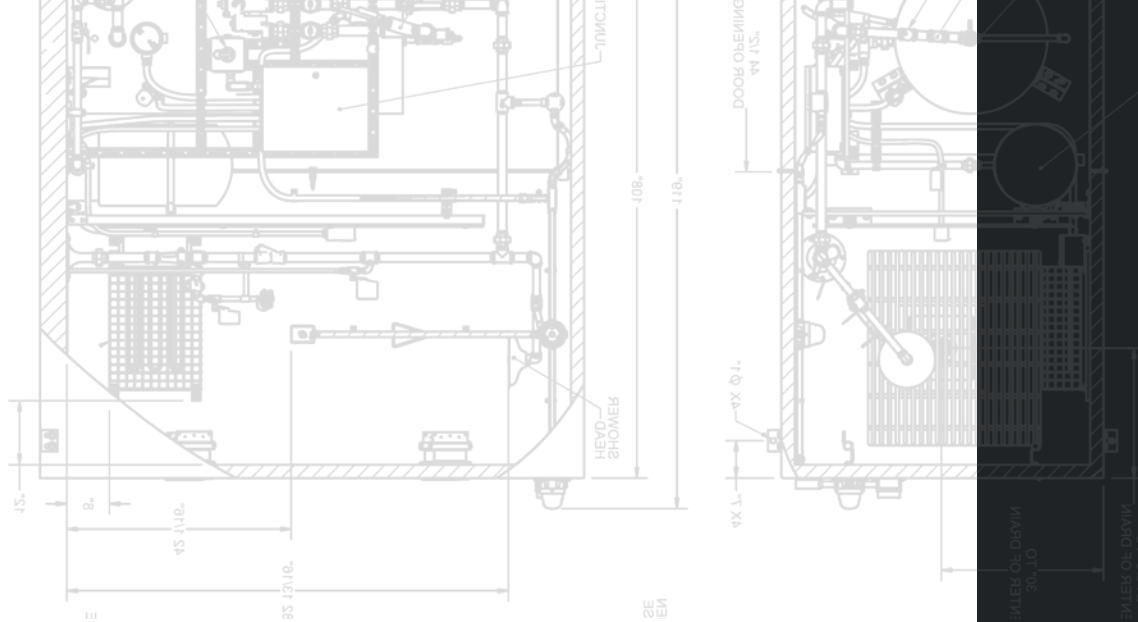
# HIGH VISIBILITY

The *SafeSight* illuminated doors are instantly recognizable even in emergency situations where the victim's vision is impaired.

The uniquely designed LED backlit doors are ideal communication tools that showcase the location of the unit, and change to vibrant green when showers are operational, and red to indicate when the unit is out of service or down for maintenance.

## Impaired Vision View





# AXION<sup>®</sup> MEDICALLY SUPERIOR TECHNOLOGY

The ground-breaking *AXION* technology continues to change the emergency response landscape by offering the only Medically Superior Response<sup>®</sup> solution in the industry. *AXION MSR*<sup>®</sup> products provide a complete ANSI compliant safety solution.

## All *AXION* products are:

- ANSI Z358.1 compliant for velocity, stream height, and gallons/ liters per minute
- Customized facility needs with corrosion-resistant, ANSI Z535.1 compliant green ABS plastic and stainless steel options
- Pre-built and fully water tested for reliability



### **AXION Showerhead**

- Consistent hydrodynamic flow provides comfortable water pressure for full 15-minute flush
- Minimized water pressure for even water distribution across shower footprint
- Integral flow control for uniform flush
- Thermal actuator bleed valve to protect from temporary internal freezing



### **AXION Eye/Face Wash**

- Inverted water streams protect sensitive eye ducts and glands
- Smooth laminar flow provides comfortable water pressure
- Predictable stream height provides enhanced victim comfort for full 15-minute flush
- In-line strainer collects debris to help reduce injury aggravation
- Stainless steel ball and valve for durability
- Integral flow control designed to match flow needs for ANSI compliance
- Optional corrosion-resistant ABS plastic or stainless steel

# EXTREME WEATHER ENVIRONMENTS

Hypothermia and/or freezing water lines add unnecessary safety complications to victim response measures. Conversely, water supply lines exposed to the sun or processed heat can increase water temperatures above ANSI/ISEA Z358.1 complaint range with the potential for victim scalding or exacerbation of injuries.

## **Polar options for temperatures down to -50°F/-45°C include:**

- High-density insulation
- Heat-traced showers
- Full tempering solutions
- Freeze protection valves
- Booth heaters
- Internal heat recirculation fan

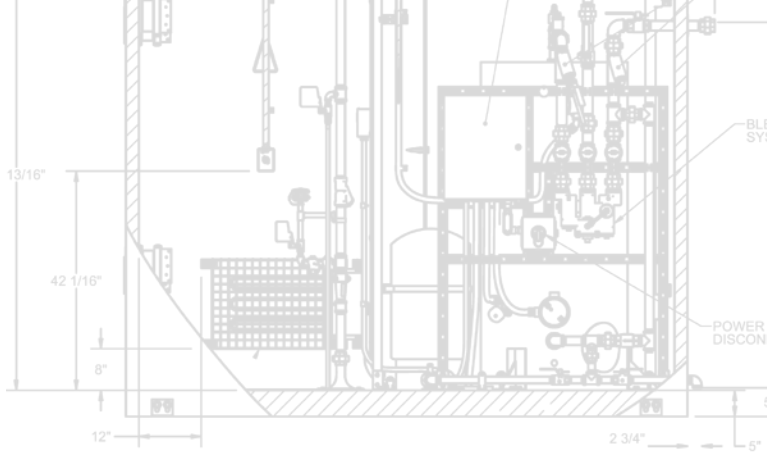
## **Desert options for temperatures up to 120°F/49°C include:**

- Enclosure heat ventilation
- Water chilling\*
- Air conditioning in booth\*

*\* Not a standard feature*







# REMOTE AND DESOLATE ENVIRONMENTS

Remote and desolate environments can pose a unique set of infrastructure challenges. Limited availability of basic utilities is a common challenge for remote, isolated, and older jobsites where existing infrastructure doesn't exist or is costly to modify.

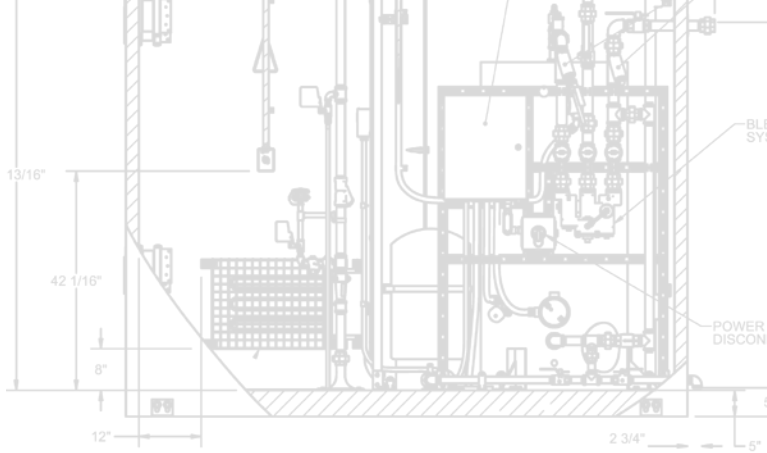
The *Haws Integrated ePod* provides indoor and outdoor self-contained units in situations where plumbed water is not available or costly to install, as well as a fully mechanical indoor system eliminating the need for power.





- Overhead water tank and storage with a fully-enclosed shower.
- Operating temperature range -50° to 120°F (-45° to 49°C)
- All-weather aluminum booth



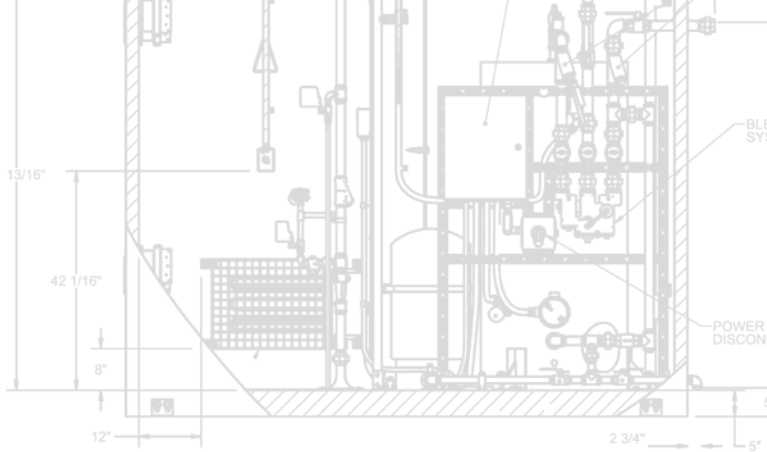


# MANUFACTURING ENVIRONMENTS

Manufacturing environments provide a common challenge with safety equipment visually. With high jobsite activity, emergency equipment can be difficult to locate in a time of need. The *Haws SafeSight* illuminated doors show prominently in both short and long distances to ensure workers have the best chance of finding a shower or eyewash during an emergency.



- Advanced *Medically Superior Response* for shower and eye/face wash
- Universal signage and illuminated door allows for immediate visual identification of unit
- Optional audible and visual alarm system for emergency response support

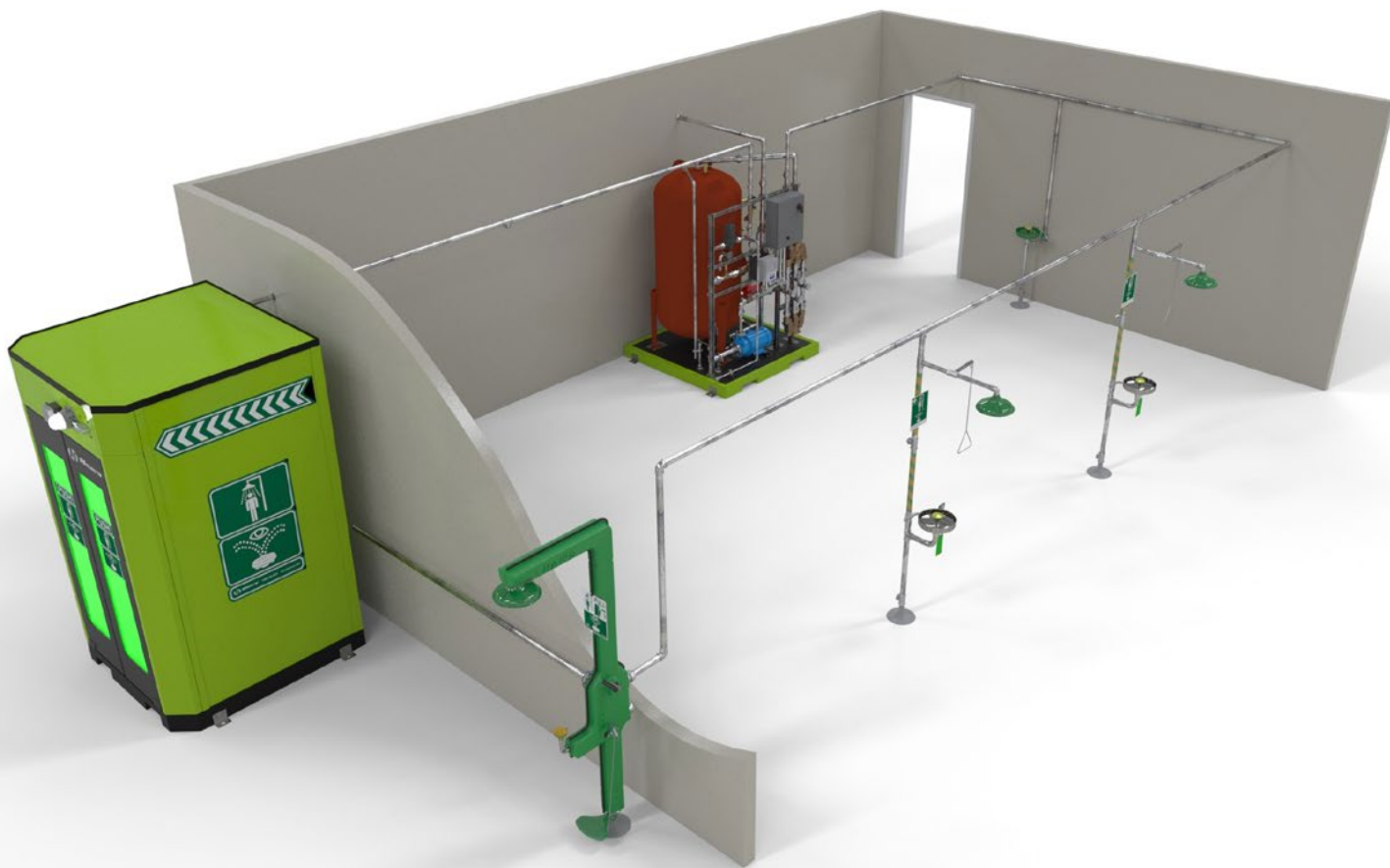


# CORROSIVE ENVIRONMENTS

Corrosive environments present product durability and reliability challenges. Our all-metal skid and booth systems are designed for constant exposure to weather and chemical environments. The premium powder-coated, iron-free construction results in a reliable, long-lasting product that's virtually maintenance free.



- Internal hot water supply for desolate environments with tank size options
- Fail-safe, anti-scald and full-flow cold water bypass



# CENTRALIZED TEMPERING SYSTEMS

Emergency response equipment is not only a necessity in sizable environments, but is required throughout, ensuring a hazard is never more than 10 seconds or 55 feet / 16.7m away from emergency showers and eye/face wash units.

In situations where power and water are available, a central tempering skid feeding a recirculation loop is an economic solution to supply ANSI/SEA Z358.1 compliant tepid water to multiple emergency showers. *Haws* has reimagined the central skid to include a standard pump operated on a variable frequency drive (VFD).



- Allows for multiple showers to be fed from one central system
- Optimizes pump operating point for highest efficiency in multiple operating scenarios
- VFD allows for standard pump that can be adjusted for site-specific operating conditions

# FULL RANGE OF PRODUCTS



8780  
**Indoor Emergency Water Tempering Skid**

Standard skid-mounted tempering system which may 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.



8760  
**Skid-Mounted Emergency Tempered Shower and Eye/Face Wash System**

Tempering and decontamination skid-mounted system designed for the worst of indoor situations provides an operating temperature range of 40° to 100°F (4° to 38°C). This unit can be used as a complete stand-alone decontamination unit and is flexible enough to be used as a multiple shower feeder. The 8760 is designed to operate with a number of tempering and electrical options, it is adaptable to almost any emergency shower requirement.



8785  
**All-Weather Emergency Water Tempering Booth**

Enclosed and heated tempering station provides a hot water storage tank with heater, mixing valve, and space heater for an operating temperature range of -50° to 120°F (-45° to 49°C). Standard electrical system is equipped with 480V 3ph and is easily adapted for other voltages upon request.

## SKID & BOOTH COLOR OPTIONS:







8730

### **Outdoor Heated Shower and Eye/Face Wash Booth**

Completely enclosed, all-weather, insulated aluminum composite panel exterior. The shower and eye/face wash booth is designed to provide an operating temperature range of -50° to 120°F (-45° to 49°C) in case of an emergency in the most adverse of conditions. Its use of an all-weather insulated booth with an internally-mounted space heater provides an environment that is safe and comfortable for the user.



8710

### **Outdoor Tempered Shower and Eye/Face Wash System**

Standard decontamination booth is a heated shower and eye/face wash booth that supplies tempered water for flushing during emergency situations in all-weather conditions. The Advanced Programmable Monitoring Control System allows for real-time control of the operating system. The 5' x 10' (1.52 x 2.74 m) safety green, chemically-resistant, water-proof powder-coated booth provides an operating temperature range of -50° to 120°F (-45° to 49°C).



8770

### Indoor Gravity-Fed Emergency Shower

The 8770 overhead tank shower (OTS) design stores all the water required for a fully compliant safety shower/eyewash response in a custom engineered tank and tower design. This configuration allows the overhead tank to gravity feed water to both the shower and eyewash. The 8770 is the perfect solution for remote locations without on-site water, locations where plumbing is difficult or economically not feasible, or anywhere a quick, easy-to-install safety shower solution is needed.



8720

### Outdoor Overhead Tank Combination Shower

A heated enclosed shower and eyewash is designed for remote areas where there is no water supply. The 5' x 5' (1.5 x 1.5 m) unit is an all-weather aluminum structure covered with a safety green powder coating. The unit provides an operating temperature range of -50° to 120°F (-45° to 49°C), and the internal booth temperature is maintained by a space heater. The over-head 530-gallon (2006 L) tank is constructed from LLDPE, with an immersion heater. Optional model 9084 cleansing stick can be used to provide continual protection against pathogenic bacteria in the water for up to 3 years.

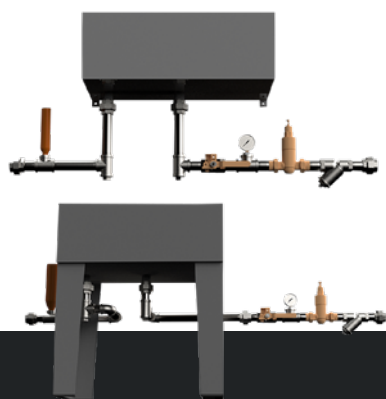


# SUPPLEMENTAL PRODUCTS



9400  
**AXION STEAM  
WATER HEATER**

Developed to replace hot water tanks when pressurized steam is available. When an emergency shower or eyewash is activated, the flow of water opens a steam control valve. The steam enters a brazed plate heat exchanger, instantly heating the water.



932X  
**WATER HAMMER  
ARRESTOR PIPING  
KIT**

Designed for use with the *Haws* 9321, 9326 and 9327 Instantaneous Water Heaters. The kit installs inline with instantaneous water heater units to prevent water hammer damage to the heater unit and other installed equipment.



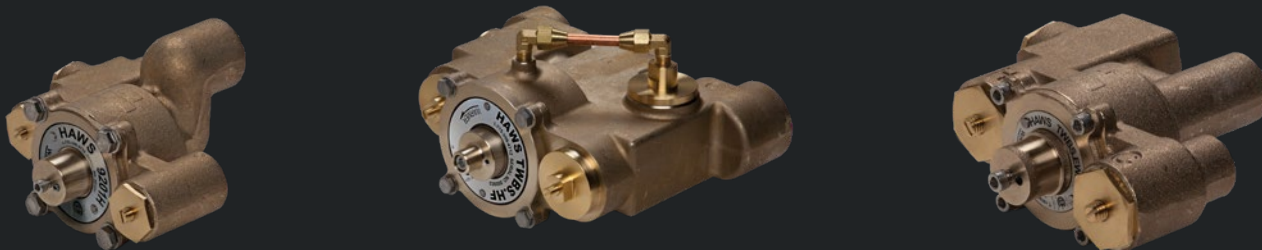
8300-8309  
**AXION MSR  
EMERGENCY  
SHOWER AND  
EYE/FACE WASH**

Combination shower and eye/face wash features the *AXION MSR* eye/face wash head assembly. Can achieve ANSI/ISEA Z358.1 tempering compliance by pairing with any of the *Haws Integrated* product solutions or water heaters.



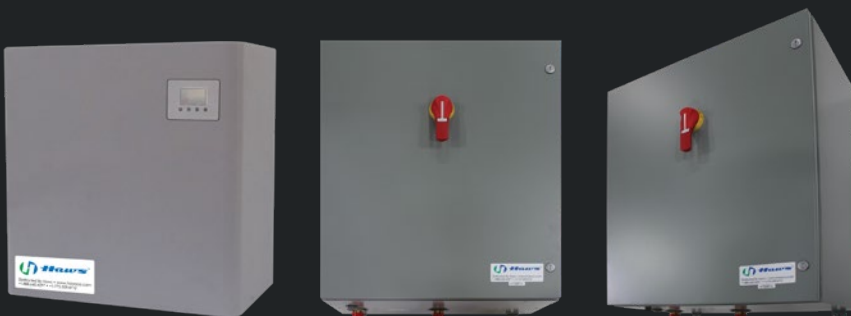
8315CTFP  
**AXION MSR  
FREEZE-PROTECTED  
SHOWER AND  
EYE/FACE WASH**

Combination shower and eye/face wash features the *AXION MSR* eye/face wash head assembly. 120 VAC cable heated, freeze-protected, with 3-way valve design, middle supply. Perfect for extreme weather conditions dropping down to -30° F (-34.4° C)



9201H, TWBS.HF, TWBS.EWE  
**THERMOSTATIC MIXING VALVES**

Line of low-lead emergency valves (patent pending) that thermostatically mix hot and cold water to provide a safe fluid supply for emergency showers and eyewash equipment. The valves contain a secondary high temperature limit valve to provide additional protection to the user in the event of main tempering valve malfunction. Additionally, to ensure a fail-safe water supply for emergency shower and eyewash stations, a series of cold-water bypass valves open in the event of hot water pressure loss.



9321, 9326, 9327  
**INSTANTANEOUS INDOOR ELECTRIC WATER HEATING SYSTEMS**

Designed to eliminate the need for large water storage tanks, as well as the continuous energy demand to maintain them at higher temperatures. Provides safety showers and eyewashes with an unlimited supply of tepid water with flow rates up to 30 gpm, eliminating the “recovery time” needed to reheat large storage tanks after use.

See [www.hawsc.com](http://www.hawsc.com) for individual options.



SP152S, SP152SC, SP152D, SP152DC  
**PROXIMITY SWITCHES**

The Proximity Switch Kits can be installed on *Haws* and most competitors' eyewash and shower systems. In the event of an emergency, the switch activates an alarm (sold separate) and/or sends a signal to notify the facility that a shower has been activated. The *Haws* Proximity Switch can be easily installed over existing plumbing.

# HAWS® SERVICES

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*Haws* is the only manufacturer who provides warranty and field services for emergency shower and eyewash products of all brands to ensure your equipment is functioning properly and meets ANSI/ISEA Z358.1 compliance.

Research has shown that an average of 88% of equipment is non-compliant and 78% of non-compliance is performance related. Most facility and safety professionals are unaware of the ANSI/ISEA Z358.1 testing requirements and have products that are non-compliant.

By partnering with *Haws Services*, you will receive support that is unmatched with:

- Work done by *Haws* certified technical experts to ensure ANSI/ISEA Z358.1 compliance on all types of emergency equipment, regardless of the brand.
- Assurance that your equipment will be properly tested weekly and annually, freeing up your maintenance team to focus on day-to-day operations.

Whether you're adhering to OSHA Compliance, Joint Commission Status, or a general safety-first environment, consider *Haws Services* to achieve ANSI Z358.1 compliance in any environment.



# SERVICE OFFERINGS

## Ensure Compliance: ANSI/ISEA Z358.1 Annual Inspections

Meticulous checks for proper installation and activation of the equipment to assess equipment performance requirements against the standard. Detail report includes an executive summary of the current state of the equipment as well as an inspection report for each asset that identifies and documents compliance gaps, potential root causes, and recommendations.

## Reliable Product Commissioning

Start-up and commissioning provides a comprehensive five-point service designed to ensure reliability of the equipment. This includes:

- Detailed equipment review for correct installation according to manufacturer's specifications
- Systematic operation check to confirm proper functioning of the unit
- Comprehensive training for equipment operation, maintenance with recommended preventive maintenance requirements and troubleshooting
- On-site product repairs and/or upgrades by experienced and knowledgeable ANSI compliant experts
- Complete checklist and debriefing of product operational requirements

## Let Us Do the Work For You: Annual Maintenance Contracts

All-inclusive services to guarantee accurate installation, maintenance, testing, and training to ensure compliance and proper equipment functionality throughout its lifespan, regardless of the manufacturer.

## ANSI/ISEA Z358.1 Competent Inspector Training & Certification

On-site and online step-by-step ANSI compliance education and training support to help your team with a better understanding of the value and importance of compliance equipment, as well as the potentially severe effects of non-compliance.

## All-Inclusive Warranty Support

*Haws Services* is the warranty services provider for *Haws Integrated's* emergency response shower, eyewash, and tempered water booth systems. Qualified service technicians work closely with the engineering and product teams to provide the best support both on-site and remotely.



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ  
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