

No industry, irrespective of its size or its function, can afford to neglect the safety of its personnel and the general public. Advances in technological and chemical production require increased vigilance in protecting employees from death or serious injury as a result of contact with hazardous materials.

The ready, abundant and properly-directed supply of water to flush away corrosive or flammable materials in the case of accidents is vital. With this in mind, SPRAYDRENCH® offers a range of safety showers and eye wash stations that are manufactured to exacting standards. Our products are computer-engineered and made in South Africa according to international specifications. They are available in a variety of formats and materials designed to suit a wide range of applications.

SPRAYDRENCH® Safety Showers are ideal for use in industry, mines and laboratories. They are durable, easy to install and require low maintenance. If safety comes first for your business, we trust that this brochure will help you put that philosophy into practice efficiently and with confidence.

When Safety Comes First



Quality Standards

All SPRAYDRENCH® safety showers, eye and face wash stations have been designed in accordance with the following safety and quality standards:

- DIN 12899-3 : 2008
- EN 15154-1: 2008
- EN 15154-2 : 2006
- ANSI 358.1 : 2004
- I.S.O. 9001 - 2000

Quality

Only components and materials of highest quality are used throughout.

Safety

- Each shower displays a unique serial number and maintenance record, ensuring total control and effective maintenance.
- We recommend that all SPRAYDRENCH® safety showers be installed and maintained according to the ANSI Z 358.1-2004 standard.
- Each shower is tested for a pressure capacity of 550 kPa.
- Operating pressure may vary from 100 to 300 kPa.

Safety Features

- Our range of industrial safety showers, eye and face wash stations are designed and intended for installation in the harshest environments.
- The modular design offers a wide range of interchangeability and flexibility, allowing the customisation of units to suit customer demands.
- All CLASSIC LINE products are Epoxy coated for extended life.
- All PREMIUM LINE products are manufactured entirely of stainless steel for everlasting use.
- Self-draining features on both the shower nozzles and pipe work to ensure healthy water and maintenance free operation.
- All PREMIUM LINE products are extremely robust, and non-corroding.
- Ideal operation at very low water pressures, from 50 kPa to 300 kPa.

DIN EN 15154-2:2006

- The upper edge of the spray head must be installed 1000 +/- 200mm above floor level.
- The spray head(s) must be at least 150 mm away from the nearest wall or obstruction.
- The valve should be fully open after a rotation of the manual control of a maximum of 90 degrees or pull of the manual control of a maximum of 200 mm.
- Eye showers must be supplied with drinking water or water of similar quality.
- Eye showers should feature a flow volume of at least 6 litres per minute.
- Water output must be guaranteed for a period of at least 15 minutes.
- The jet of water supplied by the spray heads can have a height of 100mm to 300mm.

Safety Standards

All SPRAYDRENCH® products have been designed in the interest of worker safety, and are intended to accompany and complement, NOT replace or substitute the use of correct safety equipment and other protective devices.

It is recommended that consideration should be given to the practice of establishing a first aid response team. This would incorporate the full extent of all safety equipment, the correct installation, use and maintenance of which the SPRAYDRENCH® range of products would be an integral part. All employees must also be equipped and trained accordingly. In the event of an accident, a physician or medical doctor should always be contacted.

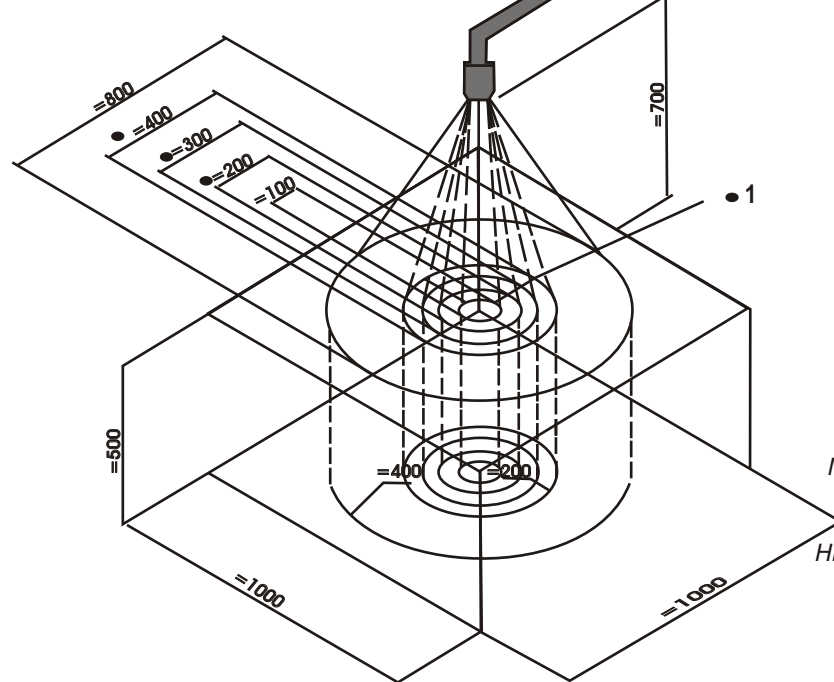
Additional equipment:

- In addition to the safety signage as supplied with SPRAYDRENCH® products, users may be interested in installing additional alarms.

- As an option SPRAYDRENCH® offers a wide range of products, including an audible alarm, complete with flashing beacon and a 10-day battery back-up.
- In addition to the above, these units may be connected electronically or via radio link to a central control point for efficient monitoring and site management.

Notes:

In order to offer as complete a range of safety equipment as possible, certain popular and/or economic models not conforming to ANSI have been retained. All new SPRAYDRENCH® products have been designed according to - DIN 12899-3 : 2008 - EN 15154-1 : 2008 - EN 15154-2 : 2006 - ANSI 358.1 : 2004 - I.S.O. 9001 - 2000 standards. These standards are intended to provide a minimum standard for the installation, use and performance of the emergency shower and eye wash equipment.



Eye / face wash equipment is a requirement in all laboratories where chemicals are used. All workplaces with similar risks should have access to state of the art equipment. Acids and alkaline solutions, in particular, even at high concentrations, can penetrate the cornea and damage the eye permanently. The immediate provision of first aid is crucial to restrict the amount of damage. Even the penetration of foreign particles, e.g. fine dust particles, into the eye represents a risk that is not to be underestimated. SPRAYDRENCH® high-performance spray heads ensure the large-scale dispersion of water. Additionally, all our eye showers feature a flow control, which guarantees the proper volume flow and the right jet configuration in accordance with the applicable standards. All SPRAYDRENCH® eye showers meet the requirements of DIN EN 15154-2:2006.

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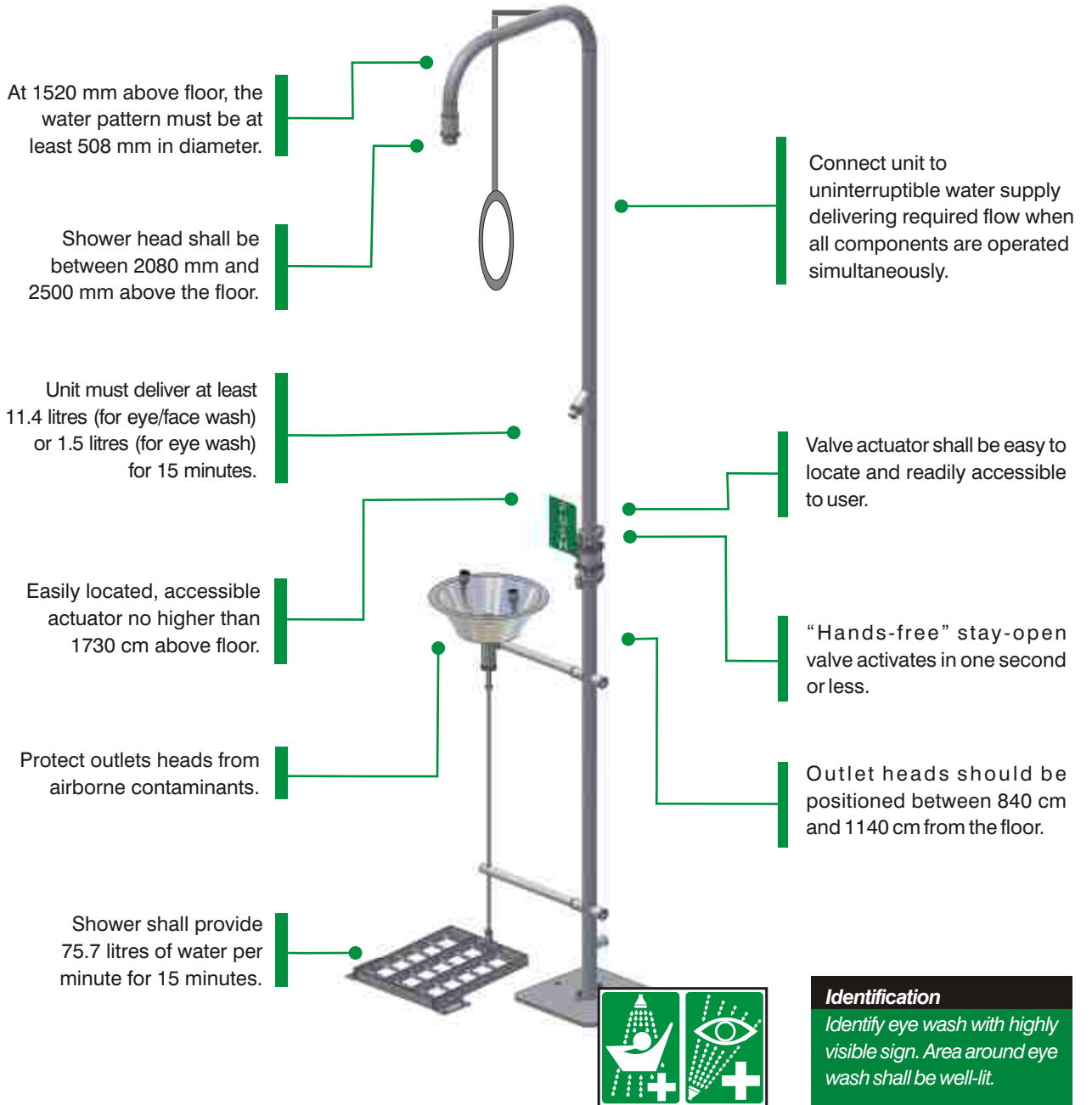


EMERGENCY SHOWER EQUIPMENT



This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to eye or eye/face wash and shower combination stations. Please refer to standard for a complete listing of these provisions.

All SPRAYDRENCH® safety stations (except units with self-closing valves) meet or exceed the provisions of - DIN 12899-3 : 2008 - EN 15154-1 : 2008 - EN 15154-2 : 2006 - ANSI 358.1 : 2004 - I.S.O. 9001 - 2000.



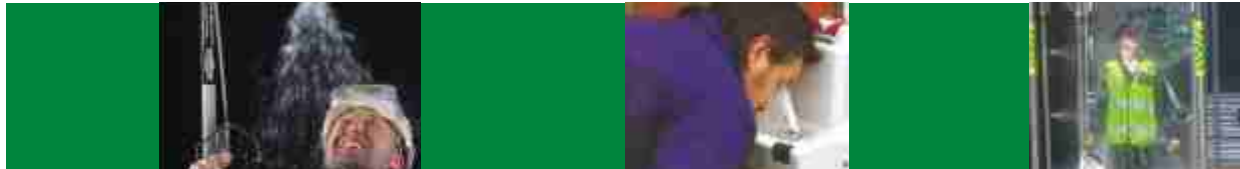
Identification
Identify eye wash with highly visible sign. Area around eye wash shall be well-lit.

Location
Install safety station within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path.

Water Temperature
Water delivered by safety station shall be tepid (lukewarm).

Training
Instruct all employees in the location and proper use of the safety station.

Maintenance
Activate the safety station at least weekly. Inspect annually for compliance with standard.

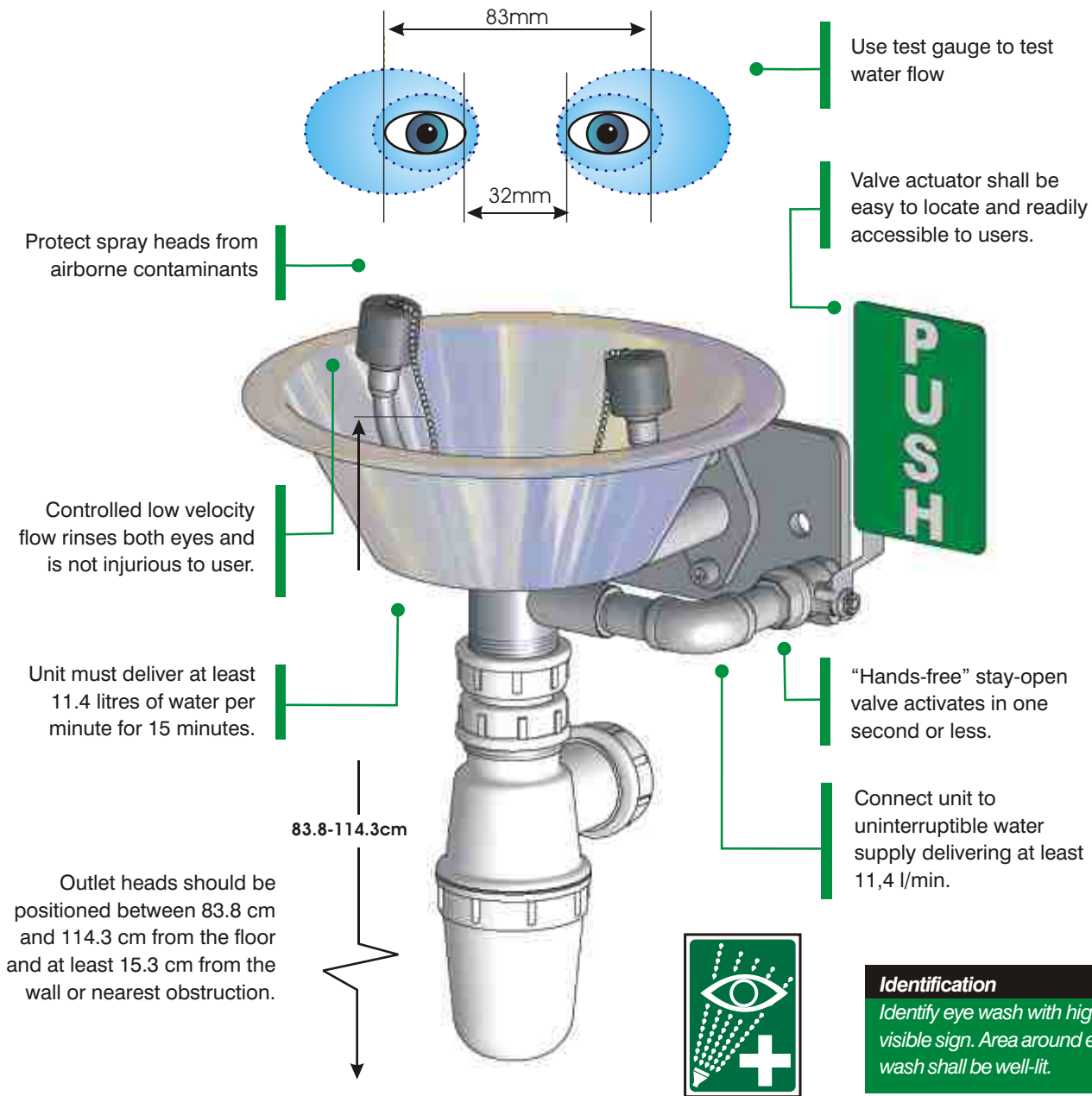




EMERGENCY EYE WASH EQUIPMENT

All **SPRAYDRENCH®** eye wash units (except units with self-closing valves) meet or exceed the provisions of f - DIN 12899-3 : 2008 - EN 15154-1: 2008 - EN 15154-2 : 2006 - ANSI 358.1 : 2004- I.S.O. 9001 - 2000.

This checklist is a summary of the provisions of ANSI Z358.1-2004 relating to emergency eye washes. Please refer to standard for a complete listing of these provisions.



Location

Install eye wash unit within 10 seconds of hazard, on the same level as hazard and with unobstructed travel path.

Water Temperature

Water delivered by safety station shall be tepid (lukewarm).

Training

Instruct all employees in the location and proper use of the safety station.

Maintenance

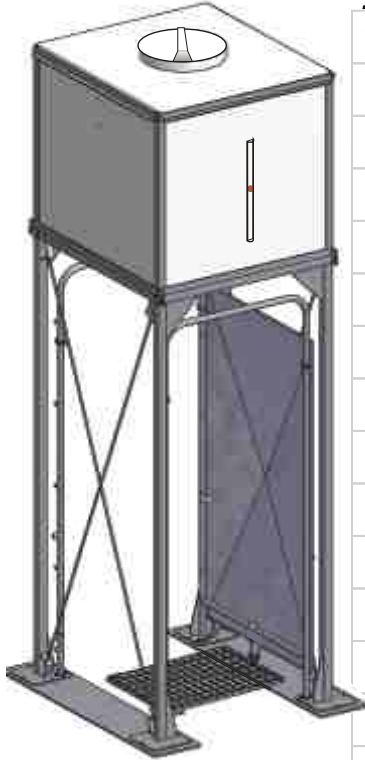
Activate the safety station at least weekly. Inspect annually for compliance with standard.



PLATFORM-OPERATED DECONTAMINATION UNIT with MANUAL OVERRIDE and EYE WASH STATIONS

These showers are activated by the depression of a platform and are automatically shut off when the platform is released, complete with emergency standby manual override valve.

- Height 3650mm (approx.)
- Footprint 1200mm x 1500mm
- Mass 600kg plus 1250kg water (approx)
- 22 nozzles plus eye wash by selection



100% Stainless Steel Units

Platform-operated decontamination unit in stainless steel, complete with manual override for activation under no or low water pressure conditions:

- High performance handheld eye / face wash with twin soft flow nozzles
- 1250 l emergency standby tank
- Hand-operated manual override under low and no water pressure conditions for standby activation
- Optional stainless steel side walls
- Optional PVC strip curtain

POM 066 SF

Platform-operated decontamination unit in stainless steel, complete with manual override for activation under no or low water pressure conditions:

- Independently hand-operated eye wash station with twin aerator nozzles
- 1250 l emergency standby tank
- Hand-operated manual override under low and no water pressure conditions for standby activation
- Optional stainless steel side walls
- Optional PVC strip curtain

POM 066 SH

Platform-operated decontamination unit in stainless steel, complete with manual override for activation under no or low water pressure conditions:

- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dustproof cabinet
- 1250 l emergency standby tank
- Hand-operated manual override under low and no water pressure conditions for standby activation
- Optional stainless steel side walls
- Optional PVC strip curtain

POM 066 SP

Platform operated decontamination unit in stainless steel, complete with manual override for activation under no or low water pressure conditions:

- Independently platform-operated eye wash station with twin aerator nozzles
- 1250 l emergency standby tank
- Hand-operated manual override under low and no water pressure conditions for standby activation
- Optional stainless steel side walls
- Optional PVC strip curtain

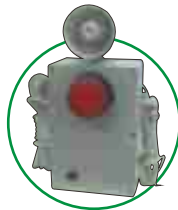
POM 066 ST



High performance hand-held face and eye wash



Baumer infra-red diffuse sensor



Electronic control box



PLATFORM-OPERATED DECONTAMINATION UNIT with MANUAL OVERRIDE and EYE WASH STATIONS

- Height 2200mm (approx.)
- Footprint 1000mm x 1350mm
 - Mass 200kg
- 22 nozzles plus eye wash by selection

These showers are activated by the depression of a platform and are automatically shut off when the platform is released, complete with emergency standby manual override valve.

100% Stainless Steel Units

Platform-operated decontamination unit in stainless steel, complete with:

- Hand-operated manual override for standby activation
- High performance hand held eye / face wash with twin soft flow nozzles
 - Optional stainless steel side walls
 - Optional PVC strip curtain

POM 044 SF

Platform operated decontamination unit in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently hand-operated eye wash station with twin aerator nozzles
 - Optional stainless steel side walls
 - Optional PVC strip curtain

POM 044 SH

Platform-operated decontamination unit in stainless steel, complete with:

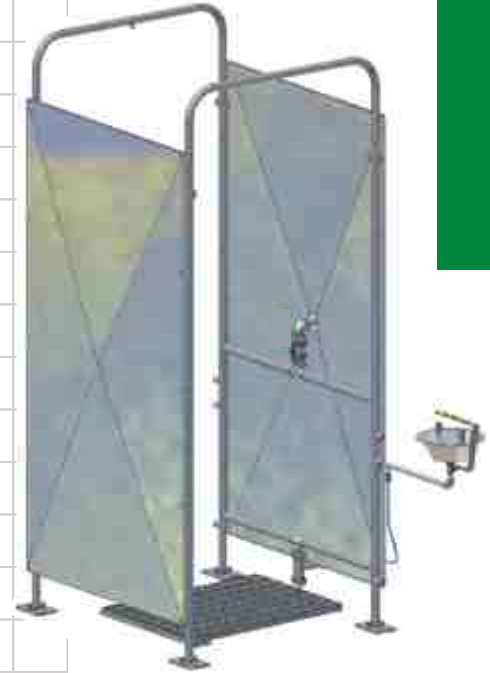
- Hand-operated manual override for standby activation
- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dustproof cabinet
 - Optional stainless steel side walls
 - Optional PVC strip curtain

POM 044 SP

Platform-operated decontamination unit in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently platform-operated eye wash station with twin aerator nozzles
 - Optional stainless steel side walls

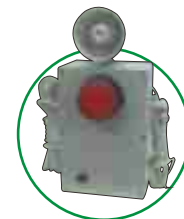
POM 044 ST



Shower mounted eye wash



Baumer infra-red diffuse sensor



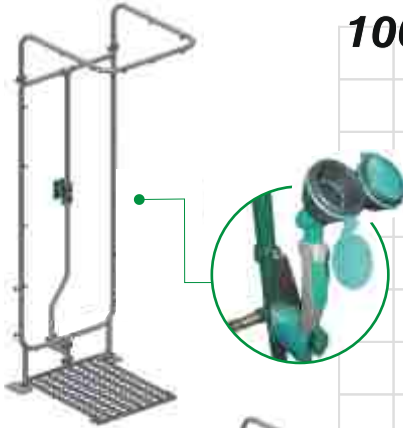
Electronic control box

PLATFORM-OPERATED SAFETY SHOWERS with MANUAL OVERRIDE and EYE WASH STATIONS

These showers are activated by the depression of a platform and are automatically shut off when the platform is released, complete with emergency standby manual override valve.

- Height 2200mm (approx.)
- Footprint 950mm x 1250mm
- Mass 40kg
- 15 nozzles plus eye wash by selection

100% Stainless Steel Units



Platform-operated double column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- High performance handheld eye / face wash with twin soft flow nozzles

POM 022 SF



Platform-operated double column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently hand-operated eye wash station with twin aerator nozzles

POM 022 SH



Platform-operated double column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dustproof cabinet

POM 022 SP



Platform-operated double column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently platform-operated eye wash station with twin aerator nozzles

POM 022 ST



PLATFORM-OPERATED SAFETY SHOWERS with MANUAL OVERRIDE and EYE WASH STATIONS

- Height 2200mm (approx.)
- Footprint 950mm x 1250mm
 - Mass 40kg
- 2 nozzles plus eye wash by selection

These showers are activated by the depression of a platform and are automatically shut off when the platform is released, complete with emergency standby manual override valve.

100% Stainless Steel Units

Platform-operated single column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- High performance handheld eye / face wash with single soft flow nozzles

POM 011 SF

Platform-operated single column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently hand-operated eye wash station with twin aerator nozzles

POM 011 SH

Platform-operated single column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dustproof cabinet

POM 011 SP

Platform-operated single column emergency safety shower in stainless steel, complete with:

- Hand-operated manual override for standby activation
- Independently platform-operated eye wash station with twin aerator nozzles

POM 011 ST



INDUSTRIAL SHOWERS

Premium Line

PLATFORM-OPERATED DECONTAMINATION UNIT with EYE WASH STATIONS

These showers are activated by the depression of a platform and are automatically shut off when the platform is released.

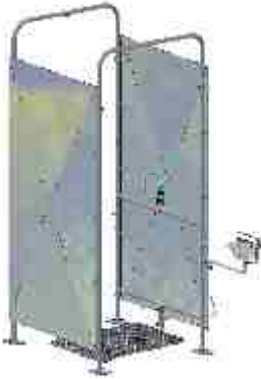
- Height 2200mm (approx.)
- Footprint 1000mm x 1350mm
- Mass 200kg
- 22 nozzles plus eye wash by selection



Platform-operated decontamination unit in stainless steel, complete with:

- High performance handheld eye / face wash with twin soft flow nozzles
- Optional stainless steel side walls
- Optional PVC strip curtain

PO 044 SF



Platform-operated decontamination unit in stainless steel, complete with:

- Independently hand-operated eye wash station with twin aerator nozzles
- Optional stainless steel side walls
- Optional PVC strip curtain

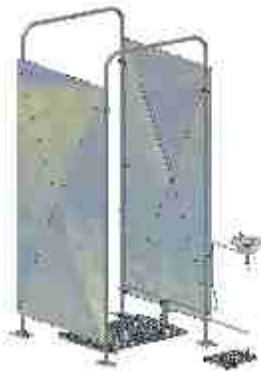
PO 044 SH



Platform-operated decontamination unit in stainless steel, complete with:

- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dustproof cabinet
- Optional stainless steel side walls
- Optional PVC strip curtain

PO 044 SP



Platform-operated decontamination unit in stainless steel, complete with:

- Independently platform-operated eye wash station with twin aerator nozzles
- Optional stainless steel side walls
- Optional PVC strip curtain

PO 044 ST



PLATFORM-OPERATED DECONTAMINATION UNIT and EYE WASH STATIONS

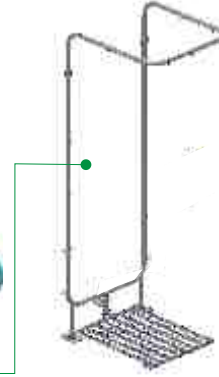
- Height 2200mm (approx.)
- Footprint 1000mm x 1350mm
 - Mass 200kg
- 22 nozzles plus eye wash by selection

These showers are activated by the depression of a platform and are automatically shut off when the platform is released.

Platform-operated double column safety shower in stainless steel, complete with:

- High performance handheld eye / face wash with twin soft flow nozzles

PO 022 SF



Platform-operated double column safety shower in stainless steel, complete with:

- Independently hand-operated eye wash station with twin aerator nozzles

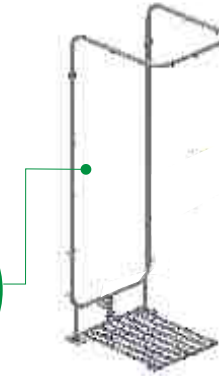
PO 022 SH



Platform-operated double column safety shower in stainless steel, complete with:

- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dust proof cabinet

PO 022 SP



Platform-operated double column safety shower in stainless steel, complete with:

- Independently platform-operated eye wash station with twin aerator nozzles

PO 022 ST



PLATFORM-OPERATED SAFETY SHOWERS with EYE WASH STATIONS in STAINLESS STEEL

These showers are activated by the depression of a platform and are automatically shut off when the platform is released.

- Height 2200mm (approx.)
- Footprint 950mm x 1250mm
- Mass 40kg
- 2 nozzles plus eye wash by selection



Platform-operated single column safety shower in stainless steel, complete with:

- High performance handheld eye / face wash with single soft flow nozzles

PO 011 SF

Platform-operated single column safety shower in stainless steel, complete with:

- Independently hand-operated eye wash station with twin aerator nozzles

PO 011 SH

Platform-operated single column safety shower in stainless steel, complete with:

- Ph neutral eye wash station with 2 x 500ml eye wash bottles in dust proof cabinet

PO 011 SP

Platform-operated single column safety shower in stainless steel, complete with:

- Independently platform-operated eye wash station with twin aerator nozzle

PO 011 ST

