



## Emergency Eye/Face Wash & Safety Showers

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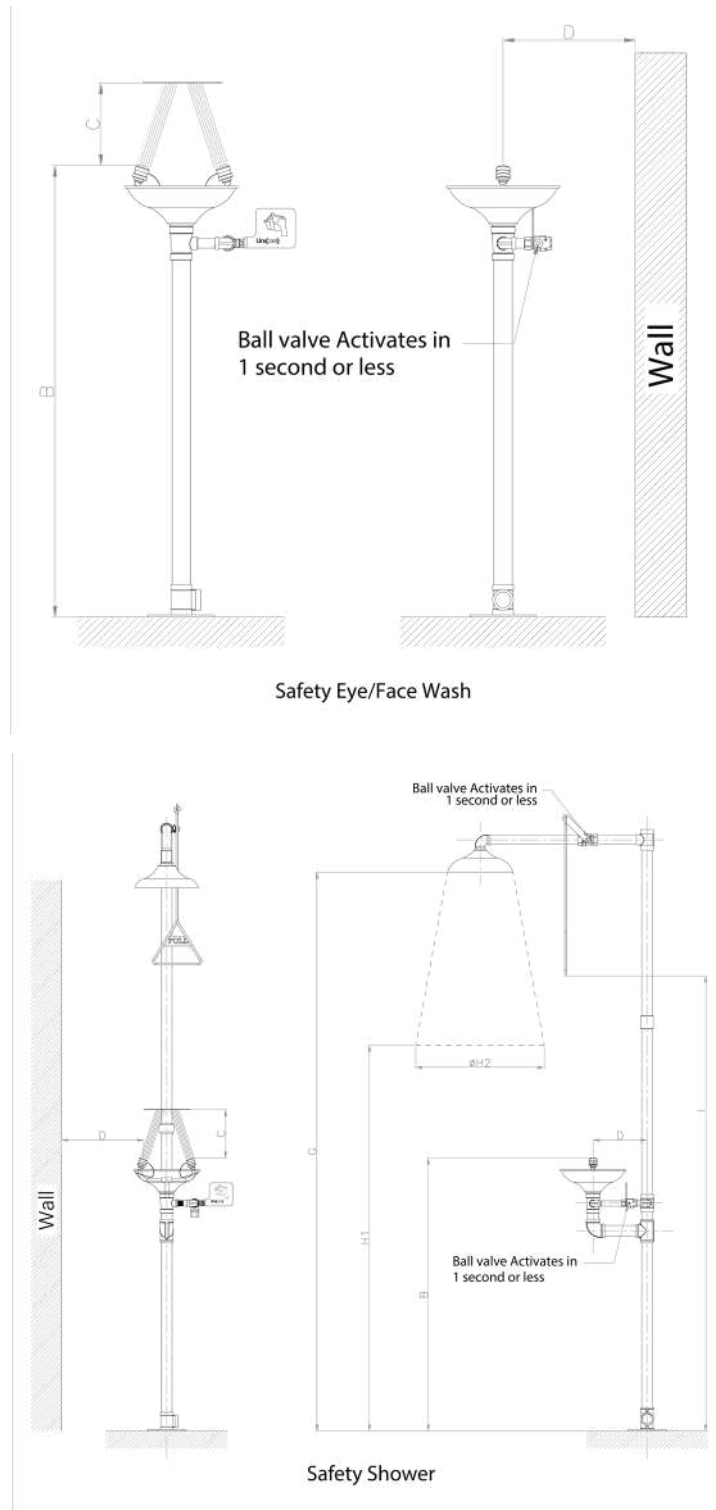


## Simple. Safe.

We are proud to be a company of international repute manufacturing and distributing safety products conforming to stringent international standards. Unicare is India's pioneer and #1 Eye/Face Wash and Safety Shower manufacturer. Our in-house engineering competence, robust research and development program, motivated team and complete commitment to quality are the essence of our identity. This enables us to offer a wide range of reliable products and to also successfully execute complex customised projects.

Founded in 1981, Unicare works closely with a wide array of industries addressing their needs for Emergency Eye/ Face Wash and Safety Showers, Eye Protection, Face Protection, Height Safety, Fall Protection, Advanced Fire Fighting Vehicles, Foam Proportioner and Monitors, Search and Rescue, Environmental Health and safety, Emergency Restoration Systems and Smart Cable Guard.

Unicare is the first licensee of IS:10592 for Eye/Face Wash and Safety Showers and one of the first ISO 9001-certified Indian safety product manufacturers. Our products are certified to ANSI standards (tested by UL), BIS standards and European specifications. We are an ISO 45001-certified company ensuring a safe and healthy workplace by preventing work-related injuries and illnesses and complying with occupational health and safety regulations. We are also an ISO 14001-certified company following the requirements of an environmental management system focusing on minimizing environmental impact, preventing pollution, and complying with environmental regulations. Through a persistent focus on reliability, customer satisfaction and quality assurance, the company has secured a leadership position in many segments that it operates in and has forged a global footprint by reaching out to customers across 6 continents. A closely knit team of 140+ highly committed individuals is at the core of Unicare's success. Empowered with extensive experience in global markets and operational insights we aim to solidify our claim "Caring For Your Safety".



OSHA guidelines 29 CFR 1910.151(c) specifies that – “Where the eyes or body of any person may be exposed to injurious corrosive material, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.”

General Standard Consideration for Eye/Face Wash & Safety Shower:

- Water: Potable
- Minimum water flow duration: 15 minutes
- Location: Emergency safety equipment should be located within a 10-second reach, at the same level as potential hazards. The installation site should be well-lit, clearly visible, and free from obstructions.

## National and International Standards

	Specifications	 BIS 10592-2018	 ANSI Z358.1-2014	<b>EN</b> EN 15154-5:2006
<b>EYE/ FACE WASH</b>				
<b>A</b>	Min Waterflow Output	12 LPM	3 US gallons	6 LPM
<b>B</b>	Eyewash Nozzles Height from Standing Surface	83 cm - 114 cm	32 - 52 in (B+C)	1000 mm (+/200mm)
<b>C</b>	Eyewash Spray Pattern Height from Eyewash Nozzle			100 mm - 300 mm
<b>D</b>	Wall Clearance min.	15 cm	6 in	150mm
<b>E</b>	Water Temperature	15 - 35° C	60 - 100° F	15 - 37° C
<b>SAFETY SHOWERS</b>				
<b>F</b>	Min. Water Flow Output	76 LPM	20 US gallons	Class 1: 30-60 LPM Class 2: >60-100 LPM Class 3: >100 LPM
<b>G</b>	Height of Column from Standing Surface	210 cm - 240 cm	82 - 96 in	2200mm (+/- 100mm)
<b>H</b>	Spray Dia H1 Measured at Height H2	50 cm ø at 150 cm height	20 in ø at height 60 in	400mm ø
<b>I</b>	Height of Pull Rod/Actuator from Standing Surface	Not higher than 175 cm	Not higher than 69 in	1750mm





# 01

## Emergency Eye /Face Wash

A permanent Eye/Face Wash station is used for the exclusive purpose of rinsing the eyes after worksite contamination caused by foreign objects or hazardous chemicals. In compliance with OSHA regulations, this acts as first aid till further medical assistance.

### Atomiser Heads

Twin cushion flow atomiser heads, with dust covers, release a soft aerated flow of water to the critical ocular and facial area. Designed with an automatic flow compensator to safeguard injured/contaminated eyes from excess water pressure.

**The Self-draining feature automatically drains the water inside the eyewash after every use.**

### Receptor Bowl

It helps in the collection of water during use and avoids spillage on the standing surface as water is directed to the drain.

### Activation

Operated by Push Plate/Foot pedal, in less than a second.

#### Supply

½" BSP\*

#### Drain

1¼" BSP\*

#### Recommended Pressure

2Kg/cm<sup>2</sup> (30 psi)

#### Water Output

Eye/Face Wash  
- 12 LPM

#### MOC

GI with ABS parts/  
Complete SS304/  
Complete SS316

#### Mounting Options

Wall/Pedestal

\*NPT, Flange connection, Strainer on demand

## How to use the Eye Wash during an emergency?

Use your fingers to keep your eyelids open, and lower your eyes into the stream of water from the nozzles. Roll your eyes gently up and down and from side to side, ensuring that the water flushes the eyes completely. Potable water recommended.

## Certificate of Compliance

BIS- IS 10592:2018; ANSI Z358.1-2014; EN 15154 Part 1, 2 and 5



Pedestal Mounted  
Push Plate Operated  
USE 1 GI 91211001



Pedestal Mounted  
Push Plate Operated  
USE 1 CSS304 91223001



Pedestal Mounted  
Push Plate/Foot Operated  
with Protective Cover  
USE 1 CSS304 91221202





Wall Mounted  
Push Plate Operated

USE 1B GI  
91211301



Wall Mounted  
Push Plate Operated

USE 1B CSS304  
91221301



Drench Hose  
With Self Closing Valve

USE 1A CSS304  
91221501



Drench Hose  
With Self Closing Valve

USE 1AT CSS304  
91221502



## Faucet Mounted Hand and Eye/Face Wash

A combination emergency eye/face wash along with hand wash, faucet mounted. During an emergency, it can easily be converted into an eye wash.



**Faucet Mounted Eye /  
Face Wash**

**UFEW 3  
91251602**

- Simple & easy to use
- Activates the eyewash in a single motion by pulling the front knob in less than a second
- Easily converts any faucet into an emergency Eye/Face Wash
- Outlet heads are adjustable and deliver soft water flow without splashing
- MOC-chrome plated brass
- Connection: 55/64"- 27 UNS

Option: J-pipe with M20X1.5mm pitch female thread, Inlet adapters



**Faucet Mounted Eye /  
Face Wash**

**UFEW 4  
91251603**

The Unicare combination Hand and Eye/Face Wash unit is ingeniously designed to integrate a faucet with a fully independent eyewash system. It allows for instant eye flushing through a conveniently accessible lever. This space-saving, deck-mounted unit is ideal for laboratories. Furthermore, it ensures a continuous supply of water for eye/face wash.

# 02

## Portable Eye Wash

The self-contained, chemical-resistant, gravity-fed unit provides 15 minutes of continuous water flow for flushing the eyes in the event of any emergencies.

### Features

- Compact size with carrying handle making it more convenient for portability and transport
- Large filling cap for easy filling, cleaning and inspection
- High visibility translucent container for indicating water level
- Supplied with mounting bracket

Model No.	UPEW 14	UPEW 15
Capacity	34 Litres/9 Gallons	56 Litres/15 Gallons
Operation	Pull Out Tray	Pull Strap
High Visibility Color	Green	Yellow
Dry Weight	5 kg	10 kg

### Maintenance guidelines for Portable Eye Wash:

- Regularly check the water level and inspect the eyewash nozzles for any water blockage
- Weekly activate the eyewash to flush out stagnant water and refill fresh potable water
- The refilling cap to be secured adequately
- Record the maintenance and testing activity

### Certificate of Compliance

BIS- IS 10592:2018; ANSI Z358.1-2014; EN 15154 Part 1, 2 and 5







Portable Eye Wash

UPEW 14  
91291001



Portable Eye Wash

UPEW 15  
91292001



**Trolley Mounted Portable Eye Wash**  
Enables Easy Mobility

UPEW T14  
91291002



# 03

## Emergency Plumbed Safety Showers

The main feature of the Safety Shower is to deliver a deluge of water in case the body is exposed to corrosive material. In addition, it also offers first aid in the event of clothing fires. The water pattern of the shower should ensure complete drenching of the victim in seconds. Our Showers have extra-large shower head with perforated spreader or compact 'Swirltec' design relying on efficient fluid dynamics for adequate drenching.

### Activation

Activation by pull rod, water deluge in less than one second

MOC	Supply	Recommended Pressure
GI with ABS parts/ Complete SS304/ Complete SS316	1 1/4" BSP* *NPT on demand	2 Kg/cm <sup>2</sup> (30 psi)

### How to use the Safety Shower during an emergency?

In the event of chemical splash on the body please rush to the closest Safety Shower station and activate the shower using the pull rod. Rinse off the chemicals from the affected area for 15 mins.

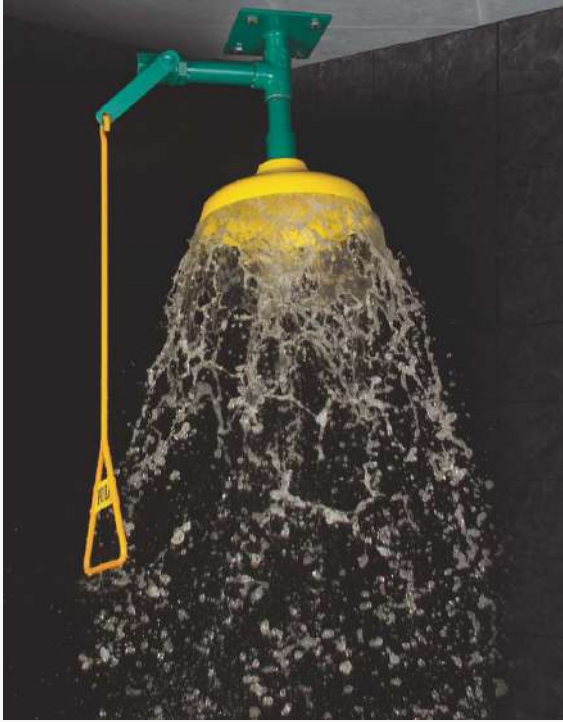
### Certificate of Compliance

BIS- IS 10592:2018; ANSI Z358.1-2014; EN 15154 Part 1, 2 and 5







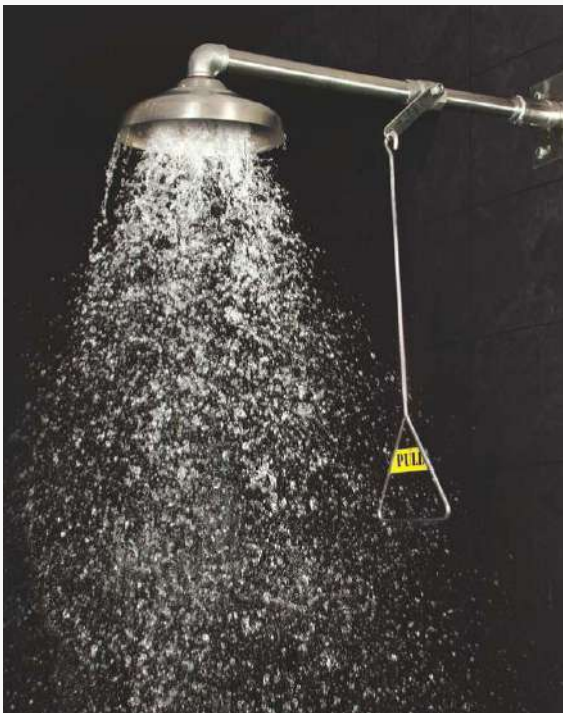


**Ceiling Mounted Safety Shower**

USSC 1 GI

91212401

Also available in SS



**Wall Mounted Safety Shower**

USSW 1 CSS304

91222301

Also available in GI



**Safety Shower**

USS 9 GI

91212001

Also available in SS



# 04

## Emergency Plumbed Combination Eye/Face Wash and Safety Showers

Combination Emergency Eye/Face Wash & Safety Showers provide on-the-spot drenching. They allow workers to flush away hazardous chemicals that can cause injury. Incidental exposures can still occur even with good engineering controls & safety precautions.

### Activation

Eyewash operated by Push Plate/Foot pedal and shower activated by using the pull rod. The combination unit is designed to offer simultaneous usage of Eye/Face Wash & Safety Shower meeting the flow requirement of safety standards.

MOC	Supply	Drain	Mounting Options
GI with ABS parts/ Complete SS304/ Complete SS316	1 1/4" BSP*	1 1/4" BSP*	Wall/Pedestal

### Recommended Pressure

2 Kg/cm<sup>2</sup>

\*NPT, Flange connection, Strainer on demand

### Certificate of Compliance

BIS- IS 10592:2018; ANSI Z358.1-2014; EN 15154 Part 1, 2 and 5



Eye/Face Wash by Push Plate  
 & Safety Shower by Pull Rod  
 USES 7 GI                      91213002



Eye/Face Wash by Push Plate  
 & Safety Shower by Pull Rod  
 USES 7 CSS304                91223003



Eye/Face Wash by Foot Pedal  
 & Safety Shower by Pull Rod  
 LSES 8 GI                      91213501



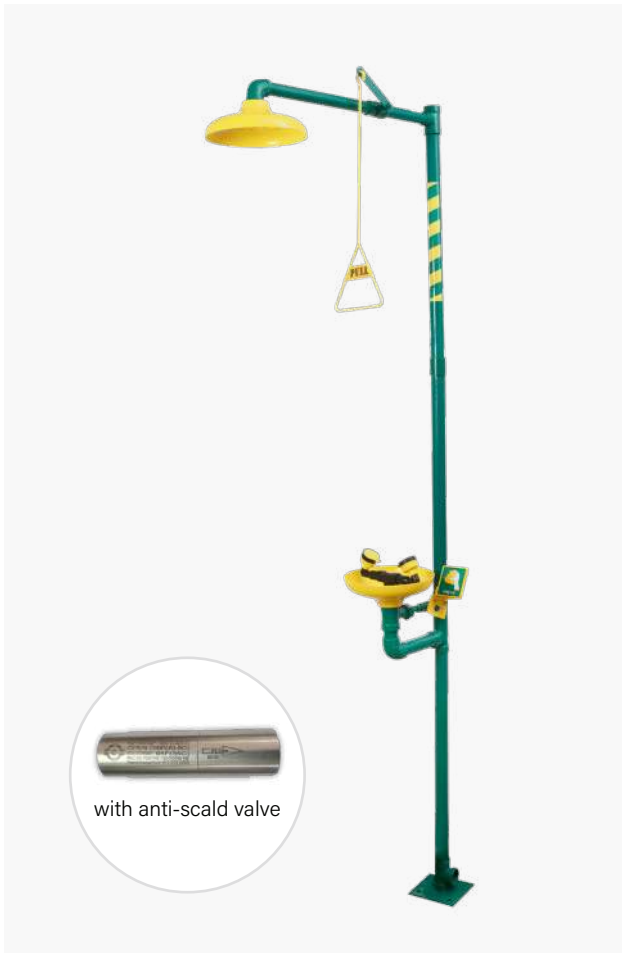
Eye/Face Wash by Push Plate/  
 Foot Pedal and Safety Shower  
 by Pull Rod  
 USES 7 CSS304 with Foot pedal  
                                          91223202



Eye/Face Wash by Push  
 Plate/Foot Pedal and Safety  
 Shower by Pull Rod  
 USES 7 GI with Foot Pedal  
                                          91213202



Eye/Face wash by Foot Pedal  
 & Safety Shower by Pull Rod  
 LSES 8 CSS304                91223501



## USES 7 GI with Anti-Scald Valve

With an Anti-Scald Valve, automatically bleeds off hot water till such time the water reaches the requisite set safe temperature.

### Features:

- Will initiate flow when the thermostatic actuator senses 98°F(36.7°C) and will remain open as long as the discharge water temperature is above 95°F(35°C)
- Self-operating, no power required

### Design:

- Stainless steel body
- Corrosion resistant
- Can be installed in any orientation

\*Anti-Freeze version also available



## USES 7 CSS304 with Beacon, Hooter 91223204

This unit is equipped with an audible and visual alarm to alert others when the emergency shower or eyewash station is used.

### Features:

- It activates as soon as the unit is in operation.
- Integration with DCS possible
- Hazardous Zone compliant units on demand





### USES 7 CSS304 Heat-traced combination unit 91223005

In environments where sub-zero temperatures or freezing conditions are a concern, heat-traced Eye/Face Wash and Safety Shower units provide a crucial solution for maintaining the effectiveness of emergency decontamination equipment. These units are equipped with thermostat-regulated heating elements in the form of self-limiting heat tracing cables that are wrapped around the internal pipes. These specialized units are designed to ensure that the water within them remains at a safe and comfortable temperature for users, even in low temperature.



### USES 7 CSS304 encased in a Cabinet 91224001

#### Features:

- Emergency Combination unit encased in a cabinet of Stainless Steel 304\*.
- It is ideal for highly sensitive equipment areas and to avoid water spread.
- The entrance is provided with a curtain of PVC strips.
- The bottom perforated plate has an adequate load-bearing capacity.
- Equipped with a collection chamber of 200 litres capacity.

Connections: Supply: 1 ¼", Drain 2 ½"

\*Available in GI 91214001

## USES 7 Eye Wash & Shower with Self Contained Tank

### Features:

- Eye Wash flow minimum 1.5 LPM
- Safety Shower flow minimum 76 LPM
- Water Level Indicator
- Supply : ½" BSP/NPT with inbuilt float valve
- Tank capacity sufficient for continuous 15-minute water flow

MOC: GI / SS304 / SS316

### Optional:

- Self Contained Tank 1500/1900 liters
- Water Chiller
- Water Heater
- Beacon
- Hooter
- Temperature Gauge
- ATEX Area Compliance
- Canopy
- Side Enclosure
- Drain Sump
- Panic Bar for shower
- Walk on foot pedal
- Curtain Strips
- Signal to DCS



USES 7  
Self Contained Tank & Chiller Shower



## Decontamination Units

The decontamination unit is a complete safety station that immediately discharges copious amounts of water on the whole body of the injured person upon activation through a push plate or walk-on-platform. These units are essential in areas where large amounts of chemicals are used, handled and stored or in workplaces where chemical splash hazards exist. They are designed to be located in areas of high hazard where space is limited. They can be mounted against a wall and still leave an open space. Each unit consists of several self-cleaning spray nozzles that provide overall body drenching within seconds.



Portable Multiple  
Nozzle Decontamination  
Collapsible Shower

UPS 1  
91295001

- Assembles quickly with unique quick connects, having specially designed spray nozzles.
- MOC: PPR
- Weight: 10kg
- Output: 110 LPM
- Inlet: Garden hose; 1 ¼"
- Packing: Handy Carry bag



# 05

## Spares & Accessories







Brass eyewash valve with  
ABS push plate **82500102**



Brass shower valve with stem  
(also available in SS304) **82500107**



ABS Atomiser unit with  
flip-flop dust cover **81301101**



SS Receptor bowl  
(Also available in ABS) **82300002**



ABS Shower dome  
(Also available in SS304) **81301301**



ABS Swirltec (can be used  
with or without shower dome,  
also available in SS304) **81301302**



Spare Rubber cup for  
SS304 atomiser unit **81301104**



GI Pull rod  
(also available in SS304) **82100005**



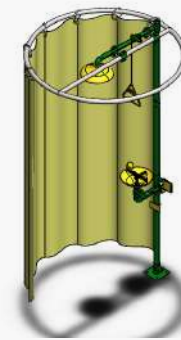
SS304 Slimline Atomiser  
unit with pop off dust cover **82300001**



SS304 eyewash valve  
with SS304 Push Plate **82300102**



Eye Wash Bottle **91293001**



Modesty Curtain **82100220**



Safety Signs **81010037**



SS Foot Pedal **82300011**

- Spare Repair Kit for Eye/Face Wash
- Spare Repair Kit for Safety Showers