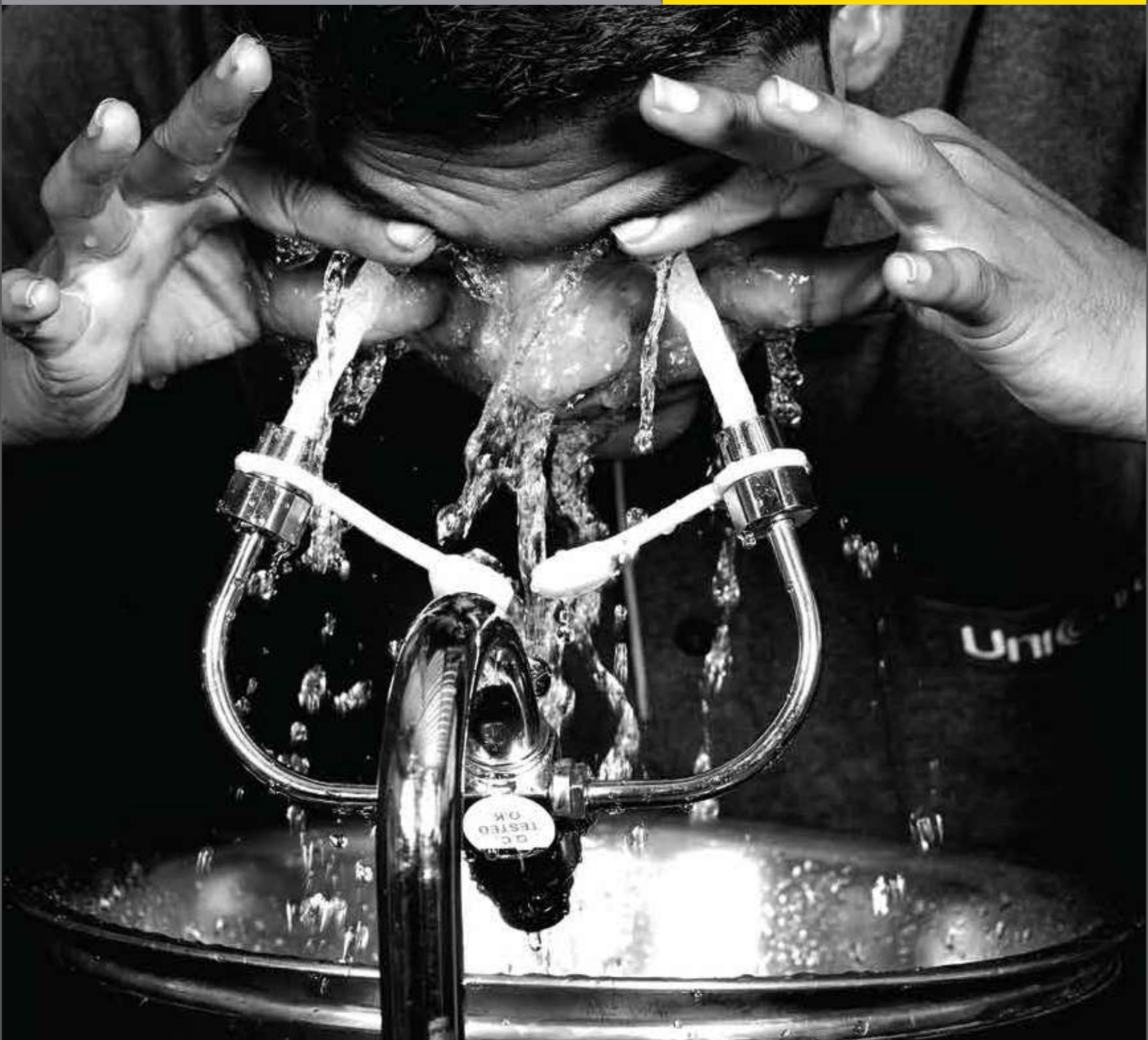


Simple.
Safe.

Unicare®
Caring For Your Safety

Emergency Eyewash & Safety Showers

India's No.1 Emergency Solutions



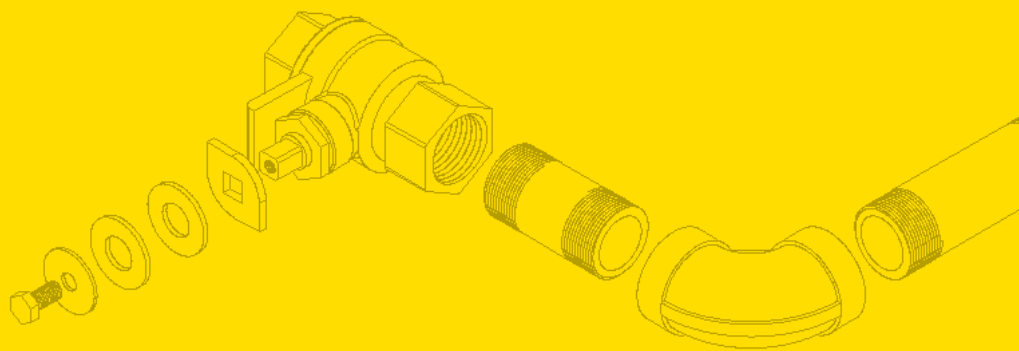
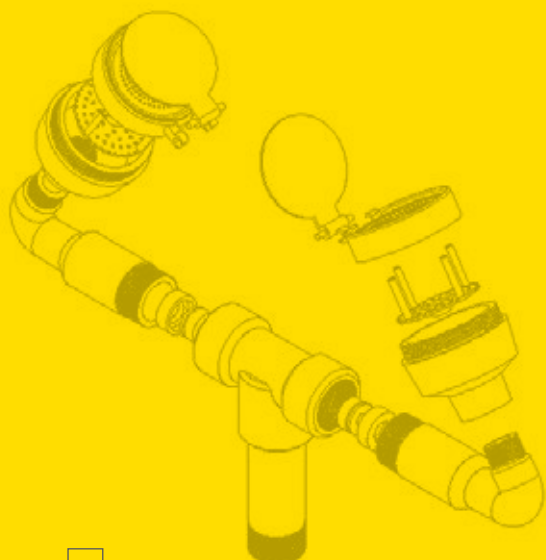


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(Caring For Your Safety)

We are proud to be part of India's 'First Safety Family' and also to be a company of international repute manufacturing and distributing safety products confirming to stringent international standards.

Founded in 1981 Unicare now works closely with a wide array of Industry addressing their need for Emergency Eye / Face wash and Safety Showers, Eye Protection, Face Protection, Height Safety, Fall Protection, Firefighting, Search and Rescue, Environmental Health & Safety, and many more emergencies.

Unicare is the first Licensee of BIS (IS:10592) and one of the first ISO 9001:2008 certified Indian safety product manufacturers.

Our products are CE certified, UL listed, BIS certified, tested to ANSI and EN specifications, and meet the requirements of Directive 89/686/EEC Article 11B.

Through 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 through 19 international locations across 6 continents.

A closely knit team of about 100 highly motivated men and women is at the core of Unicare's success. Empowered with extensive experience in global markets and operational insights we aim to tangibilize our claim 'Caring For Your Safety'.



Environmental Health & Safety



Emergency Eye / Face Wash & Safety Showers

“Where the eyes or body of any person may be exposed to injurious corrosive materials, suitable facilities for quick drenching or flushing of the eyes and body shall be provided within the work area for immediate emergency use.” – Primary International Regulation.

Unicare has made a substantial investment in custom-designed test equipment.

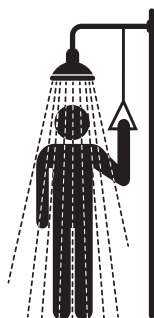
This test equipment is continually updated to ensure that our products are tested to the latest National and International standards. Viz : BIS (IS:10592), ANSI (Z 358.1 2009), CE (EN 15154 Part 1 and 2) and also meet UL Certification.

SPECIFICATIONS



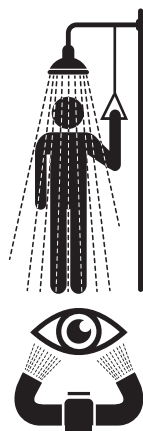
Emergency Eye / Face Wash Fountain

Height of Eyewash Nozzles	830 mm - 1140 mm (Eyewash Nozzles should be minimum 15.3 cm away from any obstruction)
Flow Rate through Nozzles	> 12 LPM
Water Spray Jet from Nozzles	Soft and not injurious to user
Height of Spray Jet from Nozzles	100 mm to 300 mm
Valve Operation	i. Operate within 1 second or less and stays open till shut off intentionally keeping user's hand free for cleaning eyes. ii. Force required is less than 100 N



Safety Showers

Height of Shower Head	2100 mm to 2400 mm
Flow Rate	> 76 lpm at 30 PSI (2 kg/cm ²)
Diameter of Water Column	510 mm at 1500 mm from ground level
Flow Pattern	Centre of the water pattern shall be at least 400 mm from any obstructions.
Valve Operation	i. Operated within one second or less and stay open till intentionally closed (stay-open construction) ii. The force required to open valve is less than 100 N
Shower Head	Not easily removable or cannot change its direction
Material of Construction	Anti-Corrosive materials like galvanized iron, stainless steel, brass, thermoplastic etc.



Installation Specifications

Emergency Shower and Eye/ Face Wash units are to be installed at a place accessible from 3 sides without any obstruction and maximum 10 seconds (50 feet away) from the workplace.

It must be installed at the same level of the workplace so that victim need not go up or down to reach the unit and also away from electrical and chemical installation which will be affected by water.

Only potable water is recommended for Eye/ Face Wash and Emergency Shower Units.



Emergency Eye / Face Wash

The cushion-flow atomizer heads release a soft areated flow of water to the critical ocular and facial area.

Receptor Bowl

High visibility Yellow Cicolac Receptor Bowl resistant to damage from alkalies, salt solutions, oils, most acids.

Atomiser Heads

Twin cushion-flow Cicolac Atomizer Heads in high visibility Yellow/Black with flip-flop dust covers that protect heads that automatically release with water pressure.

Activation

Yellow Cicolac Push Plate / Foot Pedal operated Stay-open Brass Ball Valve with Brass Ball and Spindle.

Supply

½" BSP, Recommended pressure: 30 PSI/ 2 kg/cm²

Drain

1 ¼" BSP

Net Shipping Weight

LSE 1 : 8 kg

LSE 1A : 2 kg

LSE 1B : 3 kg

LSE 2 : 9 kg

LSE 1 GI

91211001

Eye / Face Wash
Push Plate Operated



LSE 2 GI

91211101

Eye / Face Wash
Foot Pedal Operated



LSE 1A CSS 304

91221501

Body Spray - Wall Bracketed



LSE 1B GI

91211301

Push Plate Operated -
Wall Mounted



Emergency Eye / Face Wash

Models in Stainless Steel

LSE 1 B CSS 304

91221301

Push Plate Operated -
Wall Mounted



UFEW 3

91251602

Faucet Mounted
Eye / Face Wash

- Simple & easy to use
- Activate the eyewash in a single motion by pulling the front knob
- Diverter Valve for Eyewash & Control Valve for Faucet a quarter turn Ball valve & knob at the bottom
- Mimics the operation of a conventional tap
- Outlet heads are adjustable and deliver soft water, without splashing



New

LSE 1 CSS 304

91223001

Push Plate Operated



LSE 2 CSS 304

91221101

Foot Pedal Operated



LSE1 A T CSS 304

91221502

Eye/Face wash -
Hand operated with
Flexible Hose Pipe

- Convenient unit to wash any part of the body including eye/face
- Wall mounted with bracket
- Easily removable and activated on demand

New



LSE 1/2 C CSS 304

91221202

Push Plate / Pedal Operated
with Protective Cover



Portable Eye Wash

The cushion-flow atomizer heads release a soft aerated flow of water to the critical ocular and facial area.

Features:

Self Contained chemical resistant gravity fed unit provides 15 minutes of decontaminating water flow at

Model No.	LPM	Capacity
UPEW 14:	2 LPM	34 liters
UPEW 15:	3 LPM	56 liters

Small compact size with carrying handle making it more convenient for portability and transport. Large filling cap for easy filling, cleaning and inspection. The eye wash is activated by simply pulling the retractable tray/pull strap. High visibility translucent green/yellow container indicates water level. Mounted on bracket supplied that easily bolts to wall.

Applications:

Chemical and pharmaceutical work sites, Fire and Emergency Teams, Hazmat vehicles, Remote places in Mining, Agriculture and Construction.



UPEW 12
91293001

Eye Wash Bottle (600 ml)



UPEW 15
91292001

UPEW 14
91291001



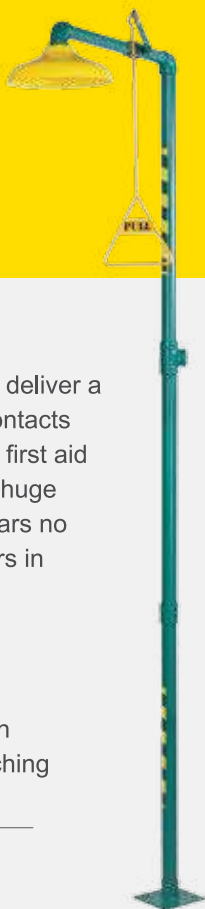
UPEW T14
91291002



Trolley mounted portable eye wash **UPEW T 14**
Conforms to EN 15154-4



Safety Showers & Combination Units



Safety Drench Shower

The main feature of the Drench Shower is to deliver a deluge of water in case corrosive material contacts portions of the body. In addition it also offers first aid in the event of clothing fires. Because of the huge quantity of water available (> 76 LPM) it bears no resemblance to the normal bathroom showers in design and performance.

LSS 9 GI: Drench Shower – Pull Rod Operated

Extra large Cicolac drench shower head with perforated spreader ensures complete drenching of the victim in seconds.

Activation

Yellow Galvanized Pull Rod

Supply

1 ¼" BSP

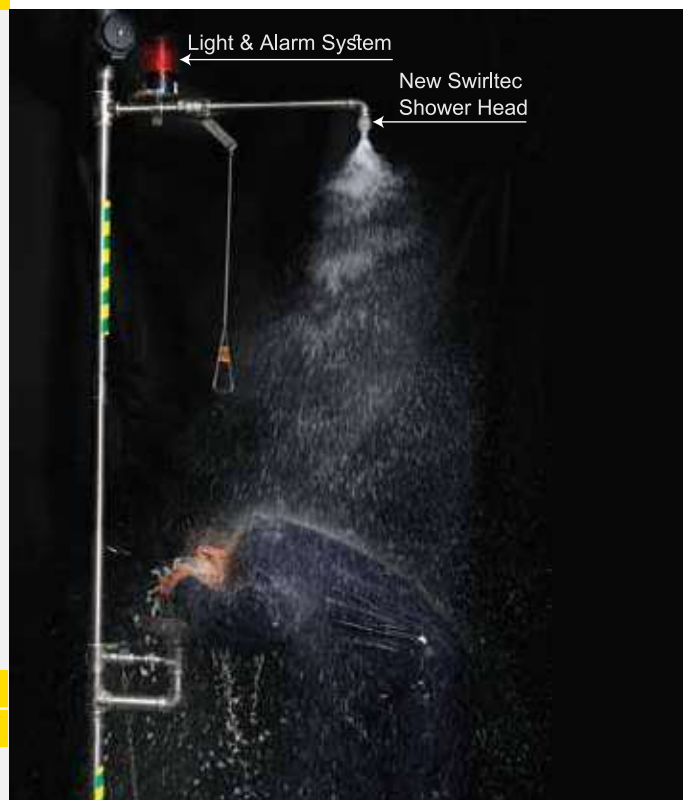
Net Shipping Weight

LSS 9 : 15 kg

LSS 9 GI

91212001

Pull Rod Operated



Combination Shower & Eye Wash Unit

Atomizer Heads

Twin cushion-flow Cicolac Atomizer Heads in high visibility Yellow / Black with flip-flop dust covers that protect heads that automatically release with water pressure.

Shower Head

Extra large Cicolac drench shower head with perforated spreader ensures complete drenching of the victim in seconds.

Receptor Bowl

High visibility Yellow extra-large Cicolac Receptor Bowl resistant to damage from alkalies, salt solutions, oils, most acids.

Activation

For Eye Wash: Yellow Cicolac Push plate / Foot pedal operated Self-closing Brass Ball Valve with Brass Ball and Spindle.

For Shower: Yellow Galvanized Pull Rod / Platform.

Supply

1 ¼" BSP

Recommended pressure: 30 PSI / 2 kg/cm²

Drain

1 ¼" BSP for LSES 7 and LSES 8

Net Shipping Weight

LSES 3 : 28 kg LSES 6 : 14 kg LSES 8 : 22 kg

LSES 4 : 28 kg LSES 7 : 20 kg

LSES 3 GI

91213101

Eye/Face Wash & Shower - operates simultaneously by Walk on Platform

LSES 4 GI

91213201

Eye/Face Wash operates by Walk on Platform & Shower by Push Plate



Also Available in Stainless Steel

Combination Units

LSES 7 GI

91213002

Eye/Face Wash operates by Push Plate & Shower by Pull Rod



LSES 8 GI

91213501

Eye/Face Wash operates by Foot Pedal & Shower by Pull Rod



LSES 7/8 GI

91213202

Eye/Face Wash operates by Push Plate/ Foot Pedal and Shower by Pull Rod

LSES 7 GI D

Combination Unit of Eye/Face Wash & Safety Shower with Thermostatic Diverter Valve & Shower operates independently/ simultaneously by Push Plate and Pull Rod.

- Temperature sensor diverts hot water at eye wash line to drain at a set temperature.
- Knob provided to set the temp. range
- Working range 30°C to 70°C
- Prevents Eye/Face injury due to scalding hot water.



New

With Diverter Valve

Combination Units



LSES 8 CSS 304
91223501

Eye/Face wash operates by Foot Pedal & Shower by Pull Rod

LSES 7 CSS 304
91223003

Eye/Face Wash operates by Push Plate & Shower by Pull Rod



With Light & Alarm System

LSES 7/8 CSS 304 LA
91223204

Combination Unit of Eye/Face Wash Push Plate / Pedal Operated and Shower Pull rod operated along with Light & Alarm System.

Additional Features:

- Activation of Light & Alarm when Eye/Face wash or Shower in use
- Can be used for transmitting signal to the control room when in use

New

LSES 7/8 CSS 304
91223202

Eye/Face Wash operates by Push Plate / Foot Pedal & Shower by Pull Rod

Eye / Face Wash & Shower unit in Cabinet

Emergency combination unit comprising of a cabinet of SS304 grade & the entrance provided with a curtain of transparent PVC strips. The bottom collection chamber is of sturdy SS304 with adequate load bearing capacity.

Easy parting of the curtain strips enables easy access to the emergency station while the curtain protects the surroundings from water spillage.

The combination unit combines a Push plate operated eye/face wash unit and a Pull rod operated drench shower.

The entire system is compliant to ANSI Z35.1/EN 15154
Dimensions: 970mm W x 1050mm D x 2280mm H
Connections: Supply 1 1/4" and drain 2 1/2"

GI Cabinet Shower : GI-UCGI-51

Identical to the above except Combination unit in GI and Cabin in MS powder coated Green



SS 304 CABINET SHOWER
UCSS-52
91224001



LSES 7/9 CSS 304
91223203

Safety Shower
operates by Walk on
Platform & Eye /
Face Wash operate
independently by
Push Plate on
opposite side

Safety Showers & Combination Units

Decontamination Units

These units are essential in areas where large amounts of chemicals are used, handled or stored or where chemical splash hazards exist. The decontamination unit is a complete safety station which immediately discharges copious amounts of water on the whole body of the injured person upon the activation of a single valve or walk-on platform.

These units 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 plus weep sprays that provides overall body saturation within a matter of seconds.

LMNS 10 GI

91215101

Multiple Nozzle
Decontamination
Unit - Operated
by Walk on
Platform



LMNS 11 GI

91215001

Multiple Nozzle
Decontamination Unit
Push Plate Operated

LSSC1 GI

91212401

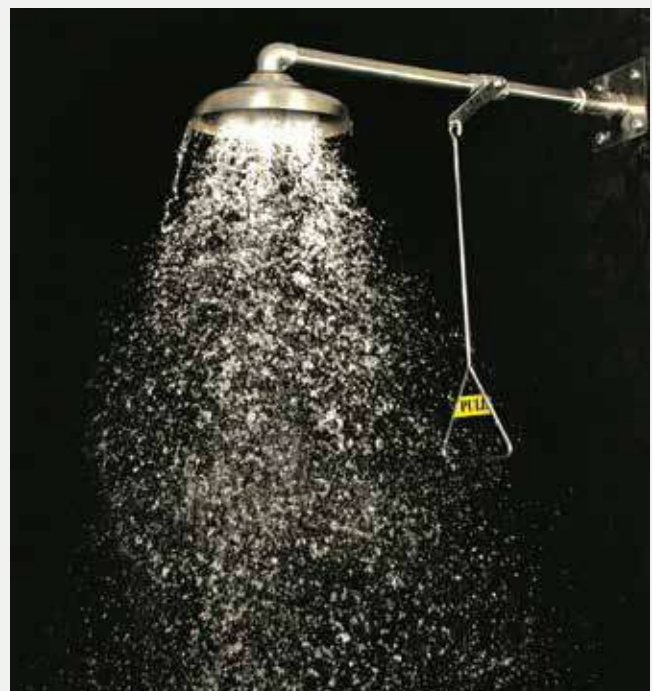
Ceiling Mounted Safety Shower - Pull
Rod Operated (Also Available in CSS)



LSSW 1 CSS 304

91222301

Wall Mounted Safety Shower - Pull
Rod Operated (Also Available in GI)



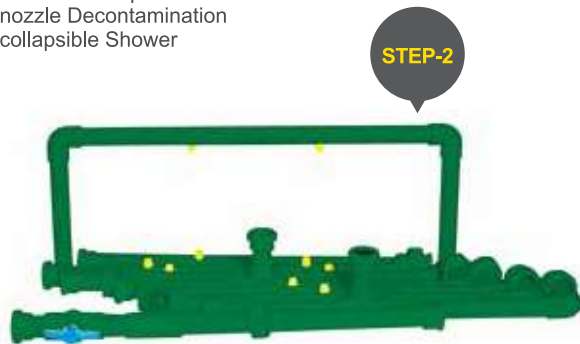
Portable Multiple Nozzle Decontamination Collapsible Shower

- Assembles quickly with unique quick connects, having specially designed spray nozzles
 - **Assembled Dimensions:** 950mm x 950mm x 2200 mm
 - **Set Up time:** 1-2 minutes (As trained)
 - **Weight:** 10 kg
 - **Output:** 110 LPM min
 - **Inlet:** Garden hose 1 1/4"
 - **Packing:** Handy Carry Bag
 - **Optional:** Hand Held Spray
- Compliance:** As per EN 15154-1&2:2006
AS 4775: 2007, ANSI Z358.1:2014

UPS 1

91295001

Portable multiple nozzle Decontamination collapsible Shower



UPS1 Portable Shower dismantled



UPS1 Portable Shower in bag



Self Contained Tank & Chiller Eye / Face Wash & Shower



New

- Min. capacity 1250 ltr overhead tank.
- Provides at least 76 LPM flow for a minimum of 15 minutes.
- In-built pump supplies water to the eyewash/shower with the required pressure for optimum functioning.

Optional:

- Integral Chiller can be provided to maintain the water temperature which can be set between 20°C to 30°C
- Hooter with Flashing Light
- Sun Canopy

Compliance: ANSI Z 358.1:2014

UTS1

Accessories



82300102

SS Eye Wash Valve
With SS Push Handle



82500102

Brass Eye Wash Valve
with ABS Push Handle



82300108

SS Shower Valve with
SS Ball And Stem



82500107

Brass Shower valve
with brass ball & Stem



82300001

SS Slimline Atomiser
unit with Pop Off
Dust Cover



New

81301101

ABS Atomiser unit with
Flip Flop Dust Cover



82300002

SS Receptor Bowl



81301201

ABS Receptor Bowl



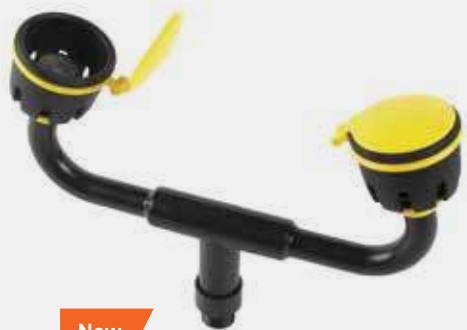
82300003

SS Shower Dome



81301301

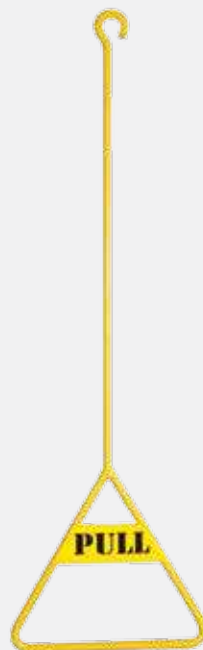
ABS Shower Dome



New

81301104

Black Protective Rubber Cup for SS/ABS Atomiser head



82100005

Pull Rod GI



New

81301302

ABS 'Swirltec' Compact Shower Head (can be used with or without yellow Dome)
 • Swirling effect of water provides complete drenching & Shower pattern as per ANSI Standards

Emergency Eyewash & Safety Showers

India's No.1 Emergency Solutions



ООО «ТИ-СИСТЕМС» ИНЖИНИРИНГ И ПОСТАВКА ТЕХНОЛОГИЧЕСКОГО ОБОРУДОВАНИЯ
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