Combined Unit, ISTEC Type ESW, Pedestal Type Self-Draining

Article Number: 15032000-SD

P/N: 15032000-SD (Stainless Steel)

P/N: 15032000-316SD (AISI 316 Stainless Steel)

P/N: 15032500-SD (Galvanized and Painted Steel)

Our emergency safety eye/face showers, which can also be produced as ATEX certified (EXPROOF) for safe use in hazardous environments, are manufactured in accordance with the requirements stipulated by the ANSI/ISEA Z358.1-2014 and EN 15154-1 standards to ensure a safe working environment in terms of occupational health and safety. They have up-to-date certifications according to these standards.

Emergency shower and eye/face washes must provide a continuous flow of at least 11.4 liters per minute for 15 minutes for eye/face use and at least 75.7 liters per minute for 15 minutes for body use, as required by the standards, and meet this requirement by being connected to a water network.

Self-Draining: When the emergency shower is activated, water flows through the network pressure while the system shuts off under pressure. However, when the shower is turned off and the pressure is removed, the system automatically opens and drains any remaining water in the pipes, preventing water from staying in the pipes.

The water temperature must be maintained between 16-38°C according to the standard requirements. If the clean water supplied from the water network does not meet this temperature range, thermostatic mixing valves that mix hot and cold water from sources feeding the water network to achieve the ideal temperature can be included in the system.

For more information about other solutions to ensure the appropriate water temperature, please contact our sales team.

For more information about Exproof products, please review our article.

The ABS shower head and eye wash basin are resistant to corrosion. Their color makes them highly visible in emergencies.

Standards

CE Mark

ANSI / ISEA Z358.1-2014

ANSI / ISEA Z358.1-2014 (Plumbing)

EAC/GOST-R

Meets requirements of ANSI standard.

EN 15154-2

EAC

TECHNICAL DETAILS

- **Water Flow:** Minimum continuous water flow of 11.4 liters per minute for 15 minutes for the eye/face wash and 75.7 liters per minute for 15 minutes for the body shower.
- **Water Temperature:** Can be stabilized between 16-38 °C with a thermostatic valve
- **Connection Type:** It is mounted to the floor with its own base
- **Material:** All pipes can be optionally manufactured in stainless steel or galvanized and painted steel. Manufacturing of galvanized products can be customized to the specified color requirements.
- **Bowl Material:** Available in stainless steel, galvanized and painted steel, or ABS upon request
- **Bowl Diameter:** 300 mm
- **Activation:** Emergency shower is operated by a pull handle and the eye/face wash is operated by a hand control.
- **Water Inlet:** 1 pipe connection
- **Water Outlet:** 1 pipe connection
- **Body Pipe:** 1 1/4 diameter
- **Weight:** Stainless Steel Model: 18,9 kg / Galvanized Model: 18,4 kg

With Optional Equipment, We Assist You In Creating The Safest Solutions Tailored To Your Needs.

Discover our emergency shower systems, designed to keep safety at the highest level in your workplaces. Our high-quality solutions go beyond meeting standards, allowing you to enhance functionality and safety with optional equipment tailored to your needs.

Advanced Safety Alarm Systems

Our emergency showers are equipped with audible and visual alarms. When water flow is detected, a signal is sent from the flow switch to trigger an immediate alarm. This ensures that people around you and your supervisors are promptly alerted during emergencies, enabling rapid response.

Ex-Proof and ATEX-Compliant Solutions

For safe use in hazardous environments, we offer ex-proof (explosion-proof) devices. Our systems, designed in compliance with ATEX regulations, help ensure safe and seamless operation even in hazardous zones.

Remote Monitoring and Recording Systems

When our showers are activated, a signal is sent to a remote room, and the event is recorded. Additionally, remote alarm systems can provide instant notifications, enabling you to monitor and track incidents. This ensures you remain in control at all times and simplifies incident management.

Standard Temperature Control with Thermomixing Valves

Thanks to our thermomixing valves installed at the water inlet, hot and cold water are mixed to provide the desired standard water temperature. This feature enhances user comfort while guaranteeing safe water temperature management.

Freeze Protection and Scald Prevention Valve

Our emergency showers can be equipped with a freeze protection and scald prevention valve to ensure your safety even under adverse temperature conditions. This feature prevents water from freezing while also blocking excessively hot water flow. Thus, your system operates reliably under all conditions, ensuring maximum user safety.

Flow Switch

Freeze Protection Valve

Electrical Connection Box

The Flanged Water Inlet

Visual Alarm for Shower

Audible Alarm for Shower

The GRP Grate and Water Collection Basin

Internal and External Lighting

Scald Protection Valve

The Water Pressure Gauge

The GRP Platform Activation

The Hot & Cold Water Mixing Valve

The Foot Pedal Controller

Wastewater Pump

The Wastewater Tank

The E-GSM Warning Device

The Check Valve

The Compliance Test Kit

The Hydrofor

The Trigger Valve

The Proximity & Motion Sensor

Pressure Regulator

Filter for Water Inter

Why Choose ISTEC TYPE ES?

At ISTEC, we aim to deliver the highest level of quality and reliability in occupational health and safety. Our pedestal-type emergency showers provide rapid and effective emergency response and are manufactured in accordance with the most important industry standards. Choose ISTEC’s quality solutions for a safer working environment.

For More Information:

Contact our sales team for detailed information about water temperature control and other special solutions. Our professional team is here to provide the most suitable solution for your needs!

İvedik OSB Mh. 2269. Cd. No:42 PK.06374 Yenimahalle /ANKARA 0312 384 13 00 info@ist.com.tr