

EMERGENCY SHOWERS AND EYEWASHES

CARLOS ARBOLES, S.A. supplies high quality Showers and Eyewashes that are extremely reliable. The following are the main technical characteristics that distinguish our products.

1 HIGH QUALITY MATERIALS

Materials in contact with water are galvanized steel pipes, brass fittings and ABS reinforced plastic. We also have the ability to manufacture equipment in stainless steel.

2 ROBUST CONSTRUCTION

All our products are constructed from high quality materials, where fastening is surface mounting the components are always metallic. This results into a robust equipment for the most adverse conditions.

3 SHOWER HEAD

- The water distribution pattern is in accordance to all relevant standards to give a wide and smooth flow pattern.
- The large Shower head diameter of 250 mm and the design of the flow holes prevent restricted flow caused by lime scale or contamination.

4 FULL RANGE

- We have different models based on their installation, WALL, FLOOR, or TABLE mounted. The equipment is supplied disassembled, its assembly is easy and unmistakable. We have different types of mechanisms:
- Shower with a pull handle or lever.
 - Automatic opening and closing when entering and leaving the platform.
 - Eyewash with a push lever, pedal, or platform operation.

5 EYEWASH ASSEMBLY

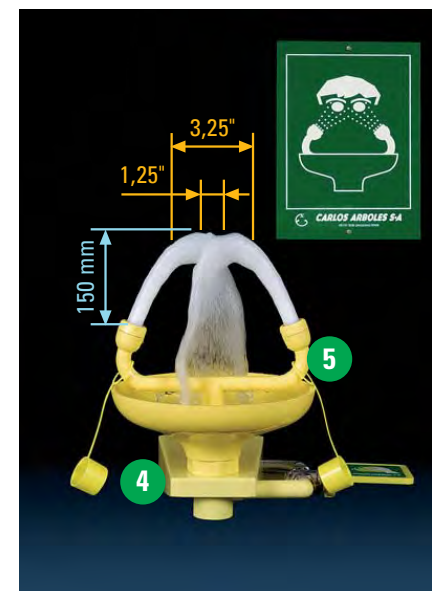
One or two spray heads offer a low pressure aerated water, which flushes the face and the eyes without damaging the delicate eye tissues. The large-diameter jet reaches a 15 cm height, according to the standard. The plastic materials and rounded forms will not cause facial damage in the case of accidental contact. They include an anti-dust cover which operates automatically when the Eyewash unit is activated.

6 ANTI-CORROSIVE AND ENVIRONMENTAL COATING

Anti-corrosive polyamide 11 plastic coating, in HIGH-VISIBILITY YELLOW color. This plastic coating has a thickness of 250 to 300 microns. It has good resistance to acids, bases, sea water, oils... The coating is not derived from petroleum, but is a raw material originating from vegetable oil, and therefore, it preserves the environment. We have a Chemical Resistance Table, which can be consulted on our website: www.carlosarboles.com.



ANSI STANDARD
EN STANDARD



7 ANTI SEIZE VALVE

The Showers and Eyewashes include valves that are specifically designed to be used in emergency situations, since they do not become obstructed nor do they stick up after long periods of inactivity. Optimal results after more than 100,000 cycles.

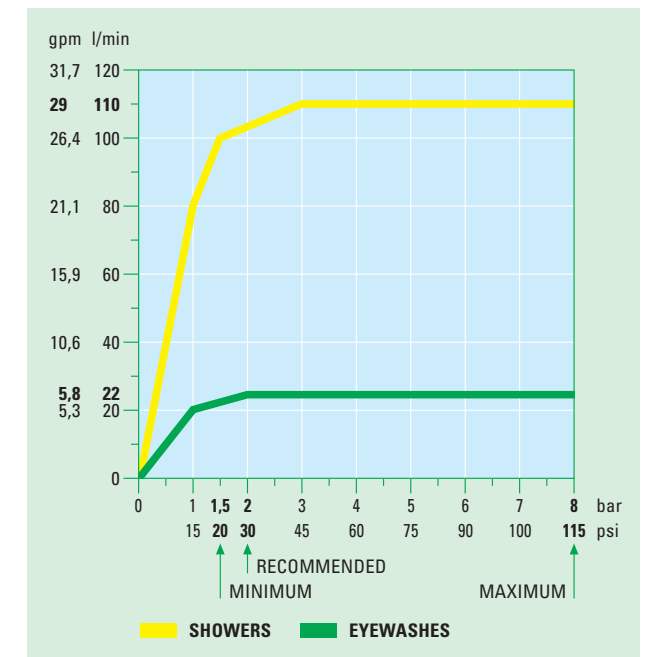
8 TEMPERATURE PROTECTION

In order to prevent freezing or excess temperature in the pipes, we offer different solutions:

- Automatic drain valves to avoid pipe freezing.
- Temperature protection valves, that create a bleed line when the temperatures of the supply piping are extreme.
- Thermostatic valve for the supply of tempered water.

9 FLOW RATE REGULATION

Our valves regulate the water flow, regardless of the inlet pressure. The Showers are regulated at 110 l/min, and the Eyewashes at 22 l/min. Recommended pressure: 2 bar. Maximum pressure: 4 bar or 8 bar depending on equipment. Please notify us if your equipment will operate at pressures lower than 1.5 bar.



10 HIGH-VISIBILITY SIGNALLING

The Emergency Equipment includes:

- A photoluminescence signaling plate with a green background and white text. Dimensions: 210 x 297 mm
- Maintenance table and installation instructions.
- Optionally, an ALARM that may provide a visual and sonorous signal when the Equipment is operated.

INTERNATIONAL STANDARDS

Our products meet or exceed the requirements:

- ANSI Z358.1
- EN 15154 1 and 2
- DIN 12899.3

APPLUS and CSA Institute of Certifications.