



SHOWERS & EYEBATHS

Your Safety Demands Our Quality

INSTALLATION, MAINTENANCE & OPERATING INSTRUCTIONS

FREE STANDING TROPICAL SHOWER WITH EYEBATH

The unit is manufactured according to ANSI Z358.1 - 2009. It must be installed properly and in the correct location. Such equipment should be installed within 10 seconds reach if accident occurs; no closer than 3 metres or further than 15 metres. The area around and underneath the shower should provide good drainage, especially if there is a possibility of the water freezing. When equipment is located indoors waste water must be contained for subsequent safe disposal or there must be adequate drainage.

We recommend the unit be fed from potable water and where necessary a non-return check valve should be fitted to the supply pipe feeding the unit. The supply pipework should be sized at a minimum 1" diameter with a pressure of 2 bar g. Isolation valves should be fitted to the supply pipes in an accessible position for use during maintenance. The isolation valves should have locking mechanisms 'to prevent unauthorised shutoff' and should be labelled accordingly with fixed permanent tags.

Where an Emergency Safety Shower requires an electrical supply, either lighting, then the supply should conform to the requirements as detailed in the specific instructions. Electrical equipment fitted to these units should be supplied through a sensitive circuit breaker. An Earth Leakage Circuit Breaker (ELCB) is highly recommended. Where an electrical supply is fitted it should be connected through a lock-on switch to allow the electricity supply to be switched off for maintenance purposes only and should be labelled accordingly with fixed permanent tags.

The electrical components of the unit are wired into a junction box. Wiring diagrams are provided with each unit and are placed inside each junction box.

The cable entries on the junction box are suitable for M20 glands.

Connections are live, neutral and earth, with a Single Phase supply of either 50Hz or 60Hz, and of 110 or 240Volts (dependant on customer specifications, 240Volts being standard). The electrical supply should be fitted with a circuit breaker.

The self supporting combined shower & eyewash requires a sound flat base.

Please contact Showers & Eyebaths technical department for further advice should this be necessary.

INSTALLATION INSTRUCTIONS

1. Assemble unit. The tubular components should be screwed together using PTFE tape or pipe sealant.
2. Position unit in desired location with clear access.
3. Drill foundation and bolt unit to foundation.
4. Connect inlet water pipe with thread sealing compound or tape taking care not to exert any forces on to the shower inlet.
5. Connect incoming power supply to power junction box if any lamps or flashing alarm & sirens are fitted. The power voltage is 240v 1Ph 50Hz. Any lamps that may be fitted are low energy.
6. Connect alarm circuit(if fitted) to alarm junction box. The alarm is activated by a switch on the valve operating mechanism. The lever operated micro switches are suitable for use with electrical supplies up to 250Volts but it is generally preferable to use a low voltage on an intrinsically safe circuit. When two switches are wired into one junction box, they will normally be wired in parallel for 'normally open'.
7. Flush out the unit with water and test for leaks and efficient operation.
8. If necessary -adjust the flow control screw located on the centre stem of the eyebath until the water flow is correct

World Class Manufacturers of Showers & Eyebaths

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MAINTENANCE INSTRUCTIONS

1. Ensure unit has a maintenance contract in place.
2. Test shower and eyebath for good operation weekly as per ANSI.
3. Check any lights, alarms or trace heating to ensure unit is fully operational.
4. Unit should be serviced and cleaned regularly at least every six months in order to ensure proper operation.
5. Clean the unit with non abrasive cleaners only. Replace any signs or tape when required.
6. Remove overhead shower rose(or nozzles), inspect and disinfect every six months.
7. Remove eyebath nozzles, inspect and disinfect every six months.
8. Replace eyebath nozzles annually
9. Check all fastenings every 6 months.
10. Check all electrical units every 6 months. Report any non conformances.
11. Update service contract

OPERATING INSTRUCTIONS

1. Step onto platform (if fitted) or use handle / lever to operate shower. To turn off shower reset handle / lever.
2. Step onto foot treadle (if fitted) or use handle / lever to operate eyebath. To turn off eyebath reset handle / lever.
3. The valves remain open during the whole washing process.
4. Replace dust covers over nozzles to keep clean.
5. After use seek medical assistance.

Please note: If a scald valve is fitted, it is factory set at 38 deg C. It will release incoming water to the floor if the water temperature exceeds 38 deg C.

If a pressure reducing valve is fitted it is factory set at 2-3 bar to ensure correct flow from the unit.
Please do not adjust.

For any help or advise, please contact the maintenance department at Showers & Eyebaths Services Ltd.

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