



FROST PROTECTED SHOWERS

Frost protection is a necessary requirement whenever there is a risk of freezing. In practice this means that any shower in the UK placed outdoors must have adequate frost protection to ensure it will operate on the coldest of days.

Our frost protected showers differ from most in the market in that they use tough stainless steel outer casings rather than cheaper plastics. This ensures a more robust and reliable shower unit.



KEY FEATURES

All Stainless Design

The shower pipe, casing, fittings and valves are all made from high quality, durable stainless steel. This means our showers last longer than many competitor products which use cheaper plastics. This is particularly true when they are situated outdoors and exposed to the elements.

Redundant Trace Tape

The frost protection trace tape used in our showers is “over speced”. This means that the tape does not have to work hard to maintain frost protection even in very cold conditions.

High Quality Insulation

We use high quality polyethylene insulation as opposed to cheaper EPS. Polyethylene has one of the highest R ratings of any insulation meaning that the heating element needs to do less work, reducing running costs and trace tape life.

ATEX

ATEX Certified Ex-protection: suitable for operation in hazardous areas 1 & 2

Meets EN and ANSI Standards

Our frost protected showers are built to meet and exceed both the EN15154-1 and ANSI Z358.1 standards.

Technical Details

Pipe inlet	1 1/4" BSP male
Operating pressure	2-8 bar
Flow at min operating pressure	35/50/76 l/min (depending on shower head)
Eye wash flow rate	16 l/min
Test Pressure	10 bar



STANDARDS

ANSI Z358.1 This shower will meet the ANSI standard if fitted with the 76 l/min shower head and if the shower is connected to a tepid water supply.

EN15154-1 This shower will meet all EN standards.

With both standards there are elements governing the positioning, deployment and alarm systems that may need to be met by adding elements from the options below which will depend on each individual situation. Please speak to our experts to determine which are necessary to meet your company's obligations.

OPTIONAL EXTRAS

Integrated Eye Shower Options

The basic shower unit can be fitted with an integrated eye wash unit. This eye wash will operate independently of the main shower and is suitable for minor spills or splashes where a full body shower would not be appropriate. There are several different styles of eye wash to choose from.



Twin eye wash fixed with bowl



Single eye wash on flexible hose



Covered eye and face shower with bowl



Twin eye wash on flexible hose



Twin eye wash fixed

Other options

The shower unit can be supplemented with a variety of add on items to increase the utility of the shower and meet the requirements of any given health and safety policy.



Position light



Additional hand shower for use with prone personnel



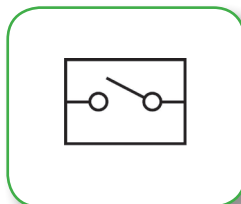
Thermostatic mixing valve to regulate shower temperature.



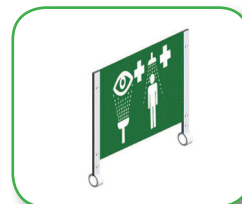
Platform actuation



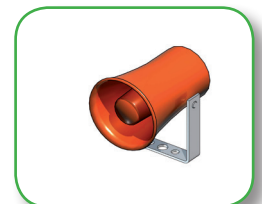
Side and back panels



Activation alarm switch for main shower and / or eyewash



High visibility sign



Usage alarm siren (requires activation alarm switch)

MATERIALS OF CONSTRUCTION

Main shower pipework	Stainless steel
Fittings	Stainless steel
Valves	Stainless steel
Eye shower covered casing	ABS plastic, PMMA coated
Crank arm and pull handle	Stainless steel
Shower casing	Stainless steel



DIMENSIONAL DIAGRAM FROST PROTECTED SHOWERS

not to Scale

