

- Bespoke design to suit any environment; arctic/tropical/temperate/desert.
- Ergonomic design ensures ease of maintenance.
- Quality assured construction and components ensure reliability.

Deluge systems are used extensively in the fire protection industry and service a multitude of applications including; cooling, extinguishment, asset, and personnel protection. The deluge skid is the heart of the system and our vast experience enables us to design and manufacture to suit every conceivable scenario.

## DIMENSIONS

Each project is unique requiring a bespoke solution. We therefore do not offer 'standard packages' - rather we design our skid layouts to suit the precise constraints of each project. Every conceivable configuration can be catered for horizontal, vertical, single leg, multi leg, open frame, fully enclosed, insulated and heated, etc .

Many client facilities have limited space available and our experienced design office utilise state of the art 3D solid modelling thus enabling skid footprint/volume to be kept to a minimum without compromising operation and maintenance.



## TYPICAL APPLICATIONS

All common and high-grade materials are utilised, as the project specification or geographical location demands. Our fabricators are fully coded and certified to the highest standards.



Typical materials include;

Skid Frames: Carbon Steel, Low temperature carbon steel

Pipework: Galvanised Carbon Steel, FBE lined CS, SS316,

and Cupronickel 90/10 Valves: Cast Steel, Stainless

Steel, and Aluminium Bronze Instruments/tubing:

SS304/316L, 904L, Monel, Hastalloy.

In addition to a vast range of materials, any protective coating requirements can also be applied as appropriate to combat both corrosive media and harsh environmental conditions. Our deluge skids are deployed in some of the harshest environments imaginable from extremes of temperature, high winds and blast overpressures, marine and offshore locations, desert or arctic locations.



# DELUGE SKID



## PRODUCT DETAILS

Central to the deluge skid is the deluge valve itself. All variations of valve type and modes of actuation can be incorporated, such as clack, butterfly, globe, and elastomeric sleeve, electric, pneumatic, electro-pneumatic, and hydraulic. Once again our vast experience and technical expertise enables selection of the right valve in the right material to suit all applications.



## PERFORMANCE DATA

Each potential fire scenario is unique requiring detailed calculations to determine water flow and pressure. Our design team utilizes their vast experience as well as state of the art hydraulic calculation software to ensure

optimum performance for any given fire hazard or combination of hazards.



Our dedicated spares department can supply parts or complete items for all the skid components such as isolation valves, deluge valves, instrumentation, joint sets etc.

Contact our dedicated spares department.

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