

APPLICATION: Fire Fighting

Application: Liquid/Solid
Protection Fire Fighting

Why process?

A fire fighting system generally consists in a liquid pressure system feeding automatic opening nozzles with a port size small enough for potential blocking risk. .

This liquid system is pressurised by a self-powered pump with heat engine or generator powered electric drive.

The liquid system must be protected with a **performing and reliable** filtration device designed according to pump specifications ("flat" curve) and reducing flow and pressure disturbance to a minimum.

Which process?

A liquid filter for fire fighting system must operate at full capacity for about two hours.

This means that it must be self-cleaning without operator assistance.

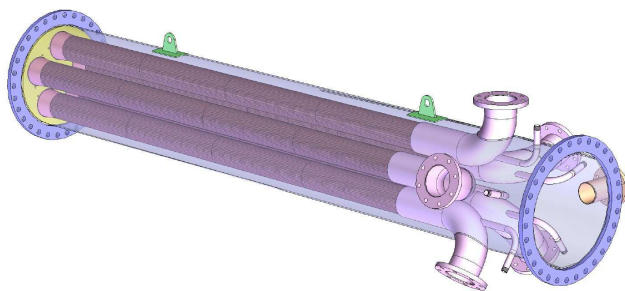
Moreover, pressure and flow rate must possibly remain constant specially if water flows through hydro-injector for foam production i.e. for chemical or patron-chemical factories.

Our LST filter type has been specially designed for this application:

Continuous dirt drain for permanent clean filter.

Special drain valve control for pressure stabilisation.

Specific control panel with "test" position for operation control and "fire fight" position.



Minimum required data for enquiry:

Type of fluid and application.
Nominal and design pressure.

Nominal and design flow capacity
Required micron rating.