

# Particulate & Coalescing Filtration

## Types of Filtration

Our high-quality filter housings and elements enable the effective and efficient removal of contaminants from both gas and liquid applications. From coalescing to particulate filtration, we ensure that, for whatever purpose our filters are used, they perform to unrivalled standards.

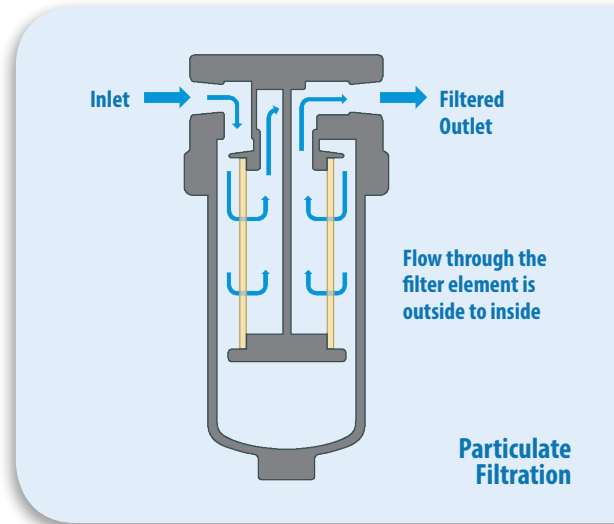
## Particulate Filtration

If particulate filtration is what you need, we offer a huge selection of robust, effective solutions to meet - and in some cases exceed - your requirements.

The service life of our high-efficiency filter elements are maximised thanks to superior design and engineering, so you can be sure of the most cost-effective, durable solution to your filtration needs.

Essentially, particulates are removed from gas and liquids using a two-port filter housing and particulate-type filter element specifically designed for this purpose.

Support cores should be used with a disposable filter element in liquid filtration applications.



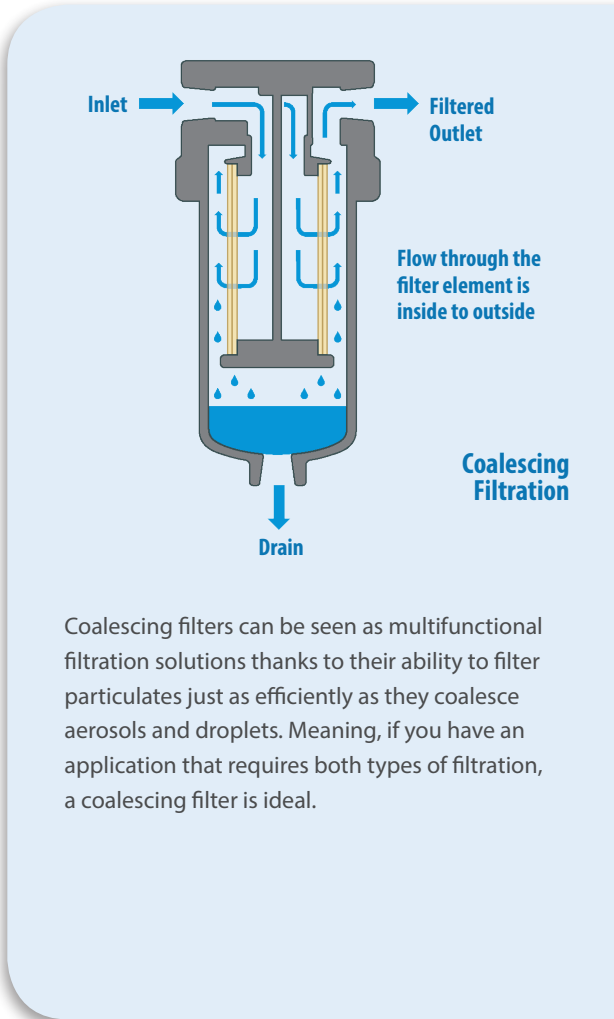
## Coalescing Filtration

Processes and systems that require the separation of liquid aerosols and droplets from gas need a coalescing filter.

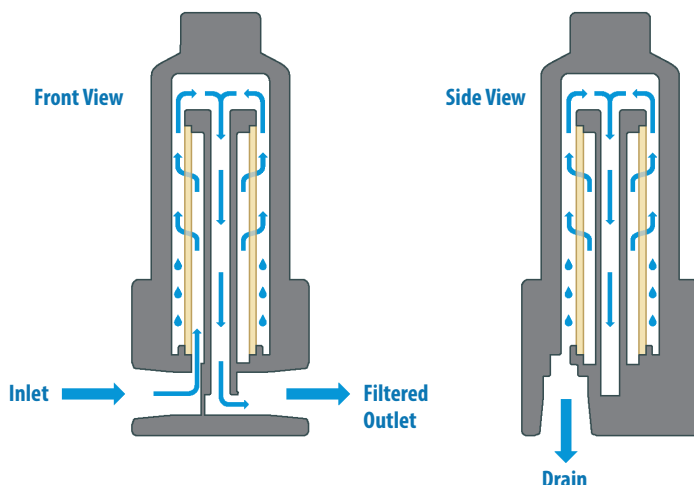
This type of filter element essentially comprises of two parts, an inner and an outer layer. The inner layer consists of a high-efficiency coalescing stage whilst the outer layer is a courser stage used for drainage.

Any liquid aerosols or droplets are caught within the fine fibres of the inner layer, eventually accumulating to the extent that they are forced to the outer layer of the filter element and in to the 'bowl' of the housing.

Our SV series coalescing housings offer a super-efficient filtration solution with the benefit of an inverted position of the housing ensuring easy servicing without disconnecting the drain port fittings.



Coalescing filters can be seen as multifunctional filtration solutions thanks to their ability to filter particulates just as efficiently as they coalesce aerosols and droplets. Meaning, if you have an application that requires both types of filtration, a coalescing filter is ideal.



As well as our standard stocked housings, we offer a service to create custom housings to suit your application. Just let us know what you need.



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