



Schultz Process Services, Inc.

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Reverse Flow Coalescer

Schultz Process Services, Inc., designs and manufactures a wide range of Gas and Filtration equipment used throughout the Pipeline, Power, Refinery and Offshore Industry.

Reverse Flow Coalescers (RFC) are used for applications requiring very high efficiency (0.3 microns) removal of free liquids are required. In addition the Coalescer achieves the same performance removal of solid particles.

RFC consist of a combination of two technologies:

1st Stage: Inlet Chamber that employs one of the following features.

1. KO-Inlet Baffle
2. Vane mist extractor to reduce liquid loading to the elements
3. Multicyclone pre-liquid and/or solid removal prior to the elements

2nd Stage: Outlet Chamber

1. High Efficiency reverse flow coalescing elements

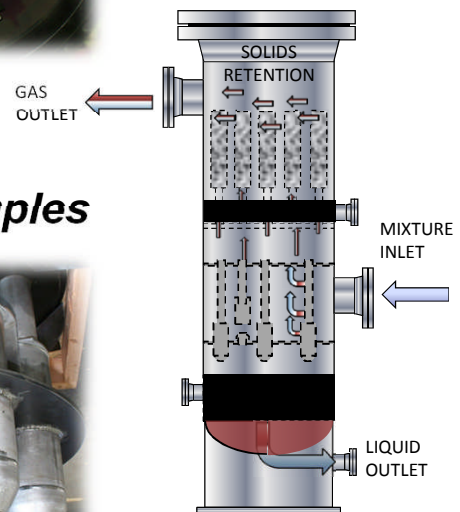
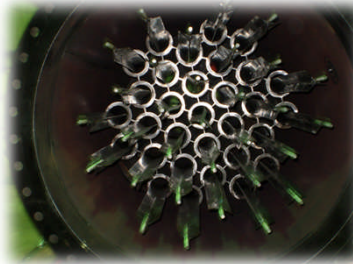
RFC are furnished in a wide range of capacities, sizes, and pressure class ratings, and can offer custom features including

- Full instrumentation/skid packages
- Quick opening closures for element removal

Typical Performance efficiency – 99.9% of 0.3 micron droplets of both solid and liquid particles.

SPS incorporates the following features into the RFC designs:

- Stainless steel constructed filter element carriers
- USA manufactured high efficiency elements
- Elements collapse differential pressure of 65 PSI
- EDP Vanes Options – Patent Pending
- Multicyclones



Product Examples

