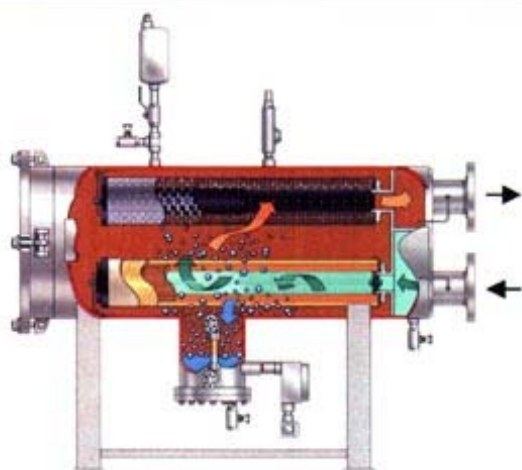


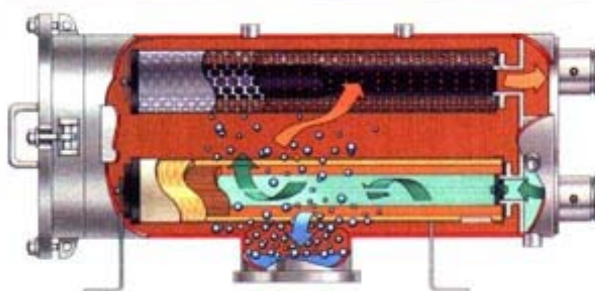
**Vertical Two-Stage Coalescer Separator
Flow Diagram (including optional accessories)**

Two-stage coalescer separators are the primary defense against fuel contamination by water and dirt. The coalescer separator housings contain both first-stage coalescer and second-stage separator cartridges with no internal moving parts. The product is pumped under pressure to flow through the housing inlet chamber and inside/out through the multi-media coalescer cartridge. This specially developed multi-media cartridge configuration traps and holds minute solid particles to less than one micron, while forcing small water droplets to commingle and grow into heavier, larger drops that fall by gravity to the housing sump area. The cleaned fuel continues to flow outside/in through the second-stage separator cartridges. These separator cartridges strip any remaining water droplets from the fuel allowing only clean, dry fuel to pass.

Facet two-stage coalescer separators will continuously remove solids and water contaminants from aviation fuels. Vertical and horizontal housing designs are available with a wide selection of coalescer and separator cartridges to meet specific applications. Housings are designed for easy servicing and low maintenance. All are built to ASME Code, Section VIII, with many standard and optional accessories and connections available to facilitate piping and installation requirements. Facet coalescer separators provide a complete system that meets industry standards and individual levels of effluent purity required by commercial airlines, major oil companies and governments, worldwide.



**Typical Horizontal End Opening
Coalescer Separator Flow Diagram
For Fixed Installation
(including optional accessories)**



**Typical Horizontal End Opening Coalescer
Separator Flow Diagram For Mobil Equipment**