

## CL Series Hi-eF™ Coalescing Separator

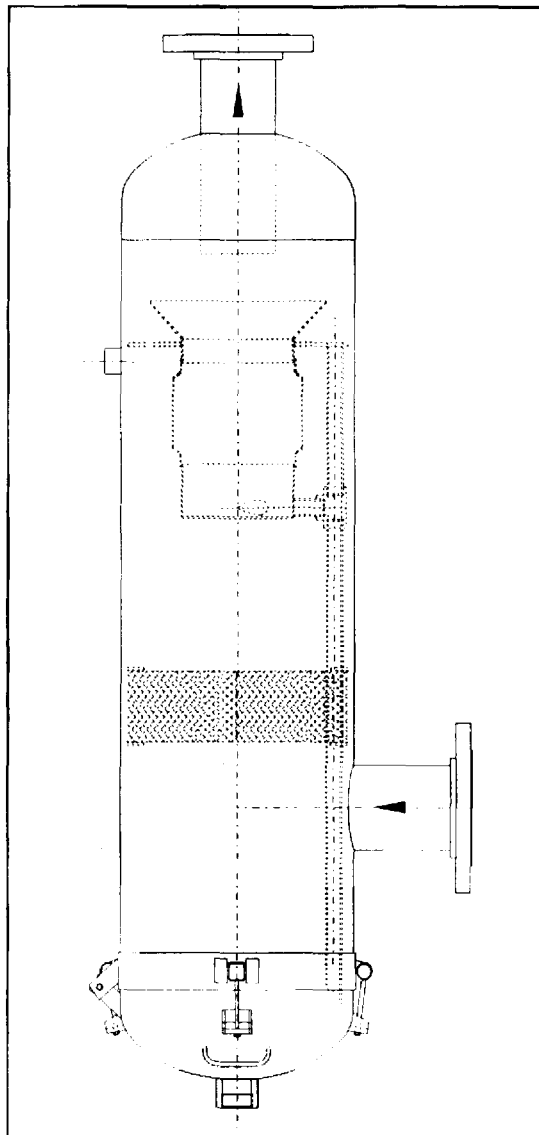
Section: A100  
Bulletin: A100.65  
Date: 5/1/98  
Supersedes: 6/1/96

- Designed to remove 99% of all liquid and solid particles 4.0 microns and larger.
- Reduce maintenance and operating costs associated with contaminated gas.
- Improved separation efficiency beyond that of Centrifugal, Cyclone or Vane style separators.
- Long service life, low maintenance and minimal downtime.
- Easily accessible coalescing mesh pad for inspection, cleaning and replacement.
- Type 316L Stainless Steel Hi-eF™ Separation element standard.

### Typical Applications

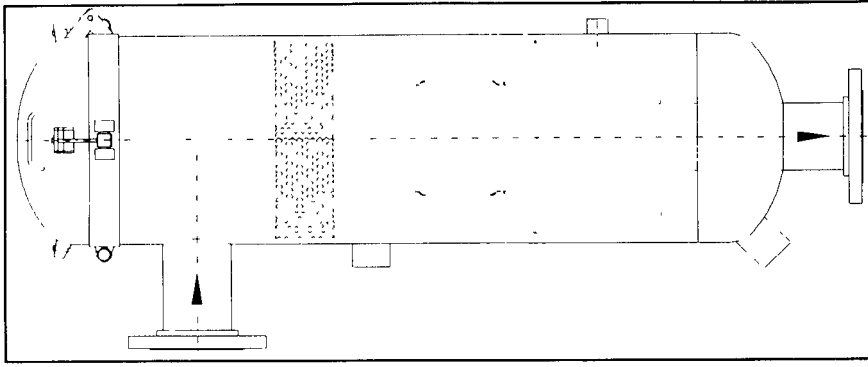
The Anderson CL Coalescing Separator is used in applications where liquid particles exist as an aerosol or a mist, and must be removed from a gas stream.

- Suction and Discharge of Gas Compressors.
- Steam lines.
- Injection wells.
- Fuel lines to Compressor Engines.
- Protection of Molecular Sieve Beds and Desiccant Beds.

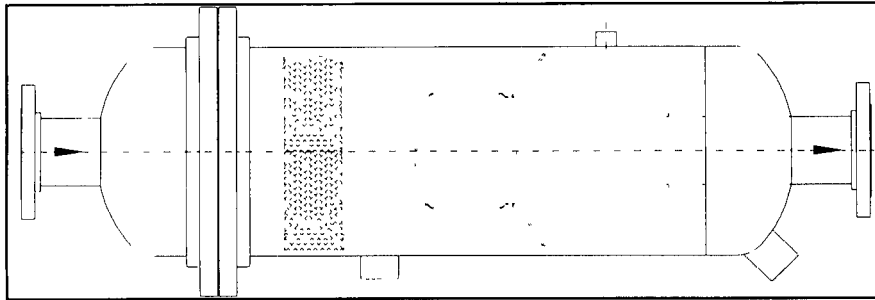


### Principle of Operation:

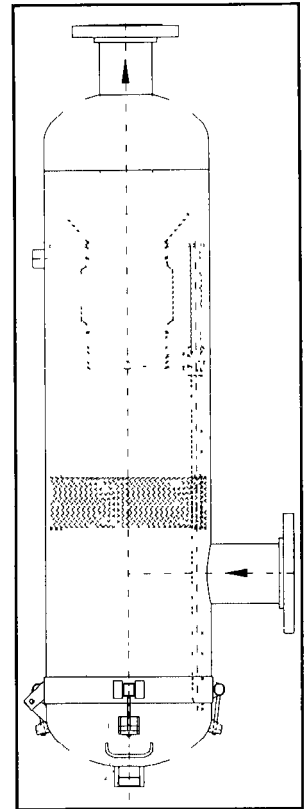
The entrainment laden gas enters the separator and passes through a stainless steel coalescing mesh pad where the finely divided liquid particles coalesce and form into larger particles. The gas flow then passes towards the separation element where the liquid and solid particles are removed by the centrifugal scrubbing action of the separation element. The separated liquids and solids are carefully directed to the drain for removal. The gas, now free of entrainment, exits through the vessel outlet.



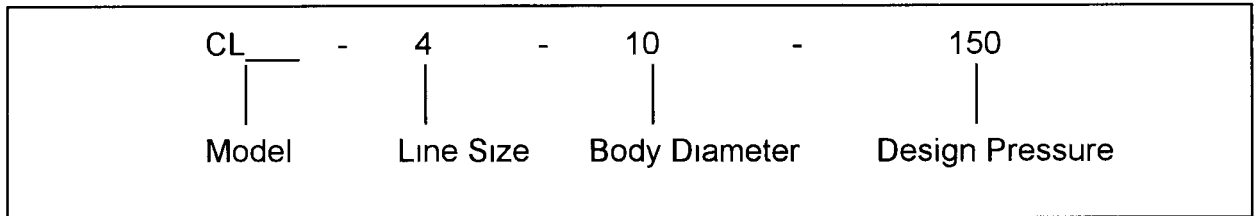
Model CLL Horizontal or Vertical Downflow



Model CLI Inline - Horizontal or Vertical Downflow



Model CLU Vertical Upflow



### Design Features

- Designed in accordance with ASME Pressure Vessel Code, Section VIII, Division 1
- Standard design is a carbon steel vessel with 304 stainless steel coalescer and 316L separation element.
- Custom engineered and designed for any application, size, material, or pressure.
- Access to coalescer elements achieved through vessel closures. Several styles of quick opening closures available

# ANDERSON™ SEPARATOR COMPANY

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ASME CODE STAMPS

