

## Vertical Coalescer Separators



### Standard Housing Design

- Welded carbon steel construction—other materials available on request
- Design pressure: 150 psi @ 250 °F (10.3 bar @ 121 °C) — other design pressures available on request
- Inlet, outlet and drain connections permanently marked
- Choice of rod or screw base coalescer cartridge mounting styles
- Interior: Epoxy coated
- Exterior: Prime coated
- Swing bolt head closures
- Buna-N o-ring closure seal
- Knife edge cartridge mounting seals
- Spider plate attached to vessel wall
- Sloping cartridge plate to drain connection
- 4" inlet/outlet cleanout/inspection connections (when permitted by design)
- Can be used in both aviation or industrial applications
- Can be applied velcon or facet filter elements up to customer's needs.

Category M Coalescer Separator housings are for Military F24, JP-8 or JP-5 fuel. Type S qualifications can be used at all filtration points in an aviation fueling system.

Category C Coalescer Separator housings are for commercial aviation fuel. Type S qualifications can be used at all filtration points in an aviation fueling system.

Type S is meant to be used at filtration points where significant levels of water and dirt in the product can be expected.

### Reliable Performance

ICS Engineering coalescer separators are a result of continuous research and development to meet the ever demanding performance requirements in the aviation fuel handling industry. This, along with proven field performance, provides quality products that meet current specifications as well as specific customer requirements for installations in refineries, bulk storage terminals, heliports, airports, etc.

### Options

- Automatic air eliminator\* with check valve
- Pressure relief valve\*
- Differential pressure gauge\*
- Pilot control valve
- Pilot tester
- Water slug control valve
- Electrical water-level alarm
- Water drain valves
- Liquid level gauge
- Blind cover for pilot control mounting flange
- Immersion heaters
- Sampling probes\*
- Working platform and ladder