



MED MODEL SVC



**Mueller
Environmental
Designs, Inc.**



**Air Filtration
Evaporative Cooling
Noise Control
Mist Elimination
Turnkey Projects**

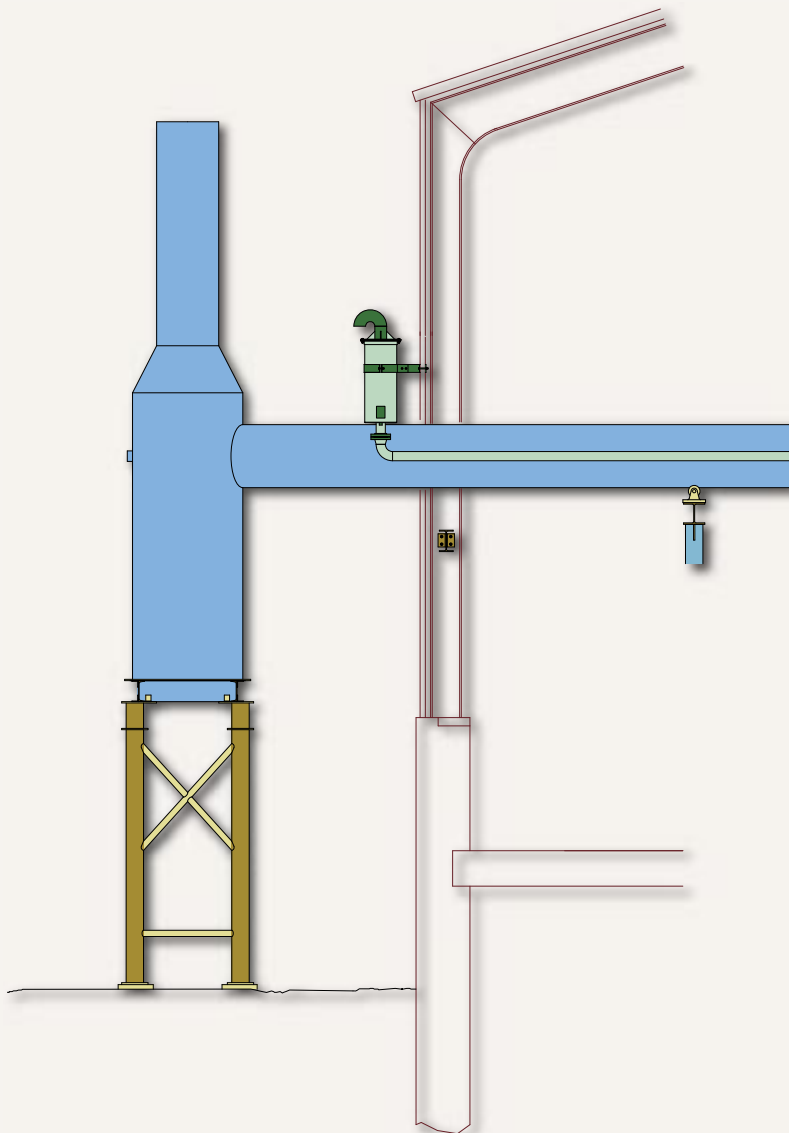


MED Model SVC

Medium and low speed, large horsepower, 2 & 4 cycle reciprocating engines require extensive amounts of mineral and synthetic oils for lubrication, sealing, and cooling of bearing surfaces. Engines of this type utilize a recirculating lubrication system for the return and storage of oil. During system operation lubricant is subjected to high temperature and mechanical forces on bearing surfaces, creating a mist within the oil storage reservoir.



Reciprocating Engine Crank Case Vent Coalescer

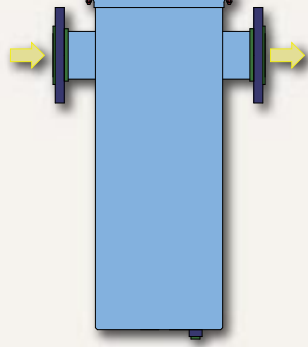


The oil mist is made up of large droplets created by mechanical shear and submicron droplets generated by condensing oil vaporized on hot bearing surfaces. The oil storage reservoir is vented to atmosphere resulting in oil vapor loss, which coats the surrounding vent area with an unsightly and hazardous oil film.

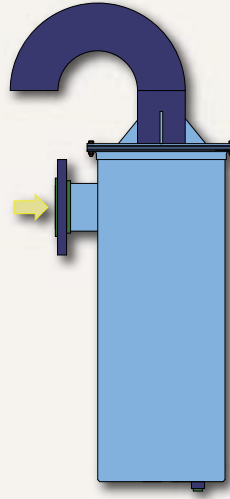
The Mueller Environmental Designs, Inc., Model SVC is a static mechanical separation and collection system designed to remove 99.5% of 3 micron and larger particles from the oil reservoir vent, allowing for collection and return of oil to waste oil storage, eliminating the oil film discharge.

Typical Configurations

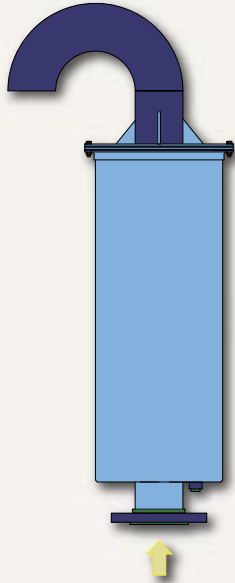
HIGH SIDE INLET WITH
HIGH SIDE OUTLET



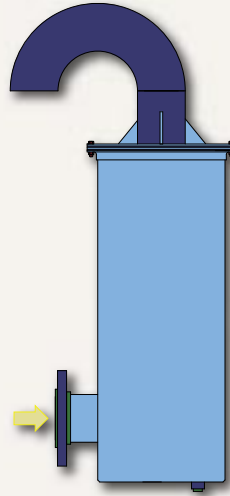
HIGH SIDE INLET WITH
TOP OUTLET



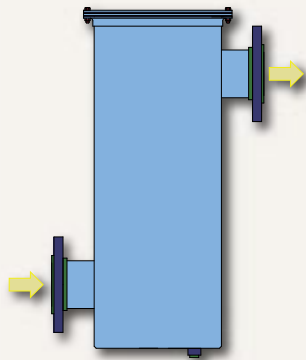
BOTTOM INLET WITH
TOP OUTLET



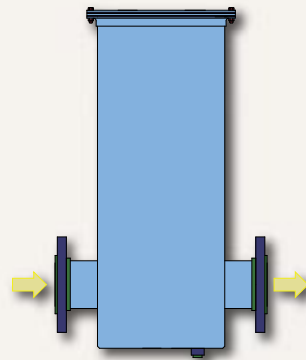
LOW SIDE INLET WITH
TOP OUTLET



LOW SIDE INLET WITH
HIGH SIDE OUTLET



LOW SIDE INLET WITH
LOW SIDE OUTLET





Reciprocating Engine External Turbo-Charger Lube Oil Vent Coalescer



Gas Turbine Lube Oil Reservoir Vent Coalescer

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