

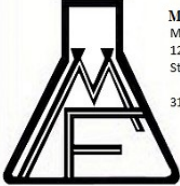


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CVF (OIL WATER SEPARATOR) - SPECIFICATION SHEET

CVF Series - Vertical Tube Coalescing Oil Water Separator
Separates hydrocarbons from wastewater and storm water
Cylindrical Fiberglass Tank
Flow rate from 20 to 100 GPM



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ENGINEERING A BETTER ENVIRONMENT



CVF-5A-807-100-S-0

The CVF removes 'free' hydrocarbons and settleable solids from industrial waste water and coolant. In operation, the CVF accepts industrial liquid waste in the inlet chamber where settleable solids fall to the bottom as sludge for periodic removal. The waste stream then enters the coalescing separation chamber where AFL's Delta-Tubes inspire laminar flow characteristics to the liquid as it passes through the separator. The result is a liquid more responsive to gravity separation. The Delta-Tubes primarily provide a coalescing medium for oil globules. Oleophilic in nature, the Delta-Tubes attract small oil globules which coalesce to larger globules, increasing in size and buoyancy, then break away to rise to the surface. Floating oil is collected by a Rotary Pipe Skimmer for collection and disposal in accordance with local regulations.

FEATURES

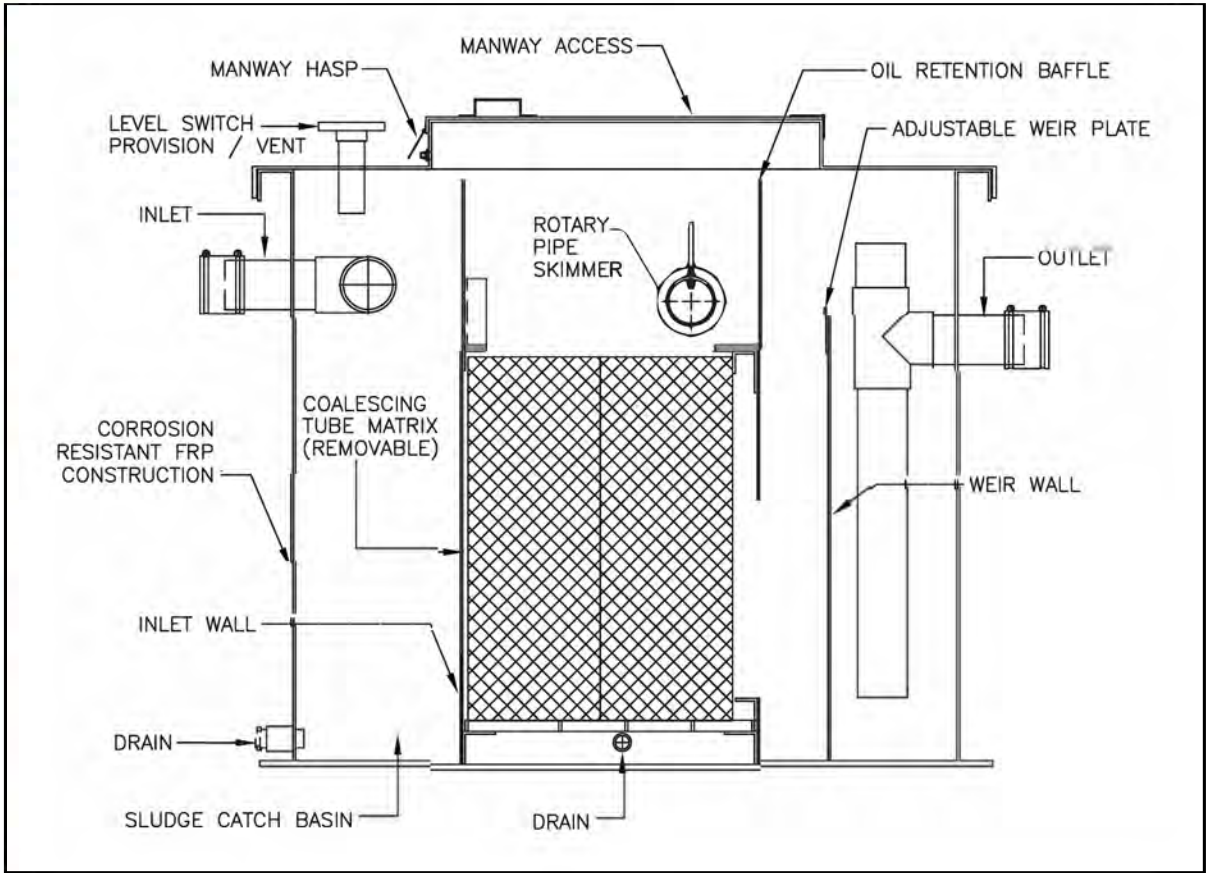
Reduces free oil content down to <10 ppm
Removes oil droplets >20 micron
Corrosive resistant fiberglass construction
Above ground or flush-to-grade installation

Pre-engineered, ready to install
No power, gravity flow or fully automated
Conforms to API design standards

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CVF Options

Oil Stop Valve Installed
Controls and Automation
Freeze Protection

Internal Oil Storage
External Oil Storage
Custom Oil Skimmers

Sludge and Waste Oil Pumps
Influent and Effluent Pumps

CVF Series - Technical Specifications

Model	Flow Rate	Volume	Dimensions	Installation
CVF-4A-305-20-S-0	20 GPM	305 Gal.	4.5' Dia. x 3.25' H	Above
CVF-4F-305-20-S-0	20 GPM	305 Gal.	4.5' Dia. x 3.25' H	Flush
CVF-5A-660-50-S-0	50 GPM	660 Gal.	5.5' Dia. x 4.5' H	Above
CVF-5F-660-50-S-0	50 GPM	660 Gal.	5.5' Dia. x 4.5' H	Flush
CVF-5A-807-100-S-0	100 GPM	807 Gal.	5.5' Dia. x 5.5' H	Above
CVF-5A-807-100-S-0	100 GPM	807 Gal.	5.5' Dia. x 5.5' H	Flush

AFL's CVF series oil water separators conform to API Standard 421 for the Design and Operation of Oil Water Separators.