

# AMISTCO®

PRODUCT BULLETIN - AFS



## AMISTCO® FILTER SEPARATORS/COALESCING FILTERS

AMISTCO® Horizontal double barrel and/or Vertical filter separators are designed to provide efficient liquid/solid removal and high gas capacities. The coalescer filter section removes bulk liquid and solid particles and also coalesces fine liquid droplets into larger ones. These larger droplets are then removed in the second [Double Pocket (DP) Vane] section. AMISTCO® utilizes high capacity DP Vanes to increase the separator's throughput and thus minimize the separator diameter.

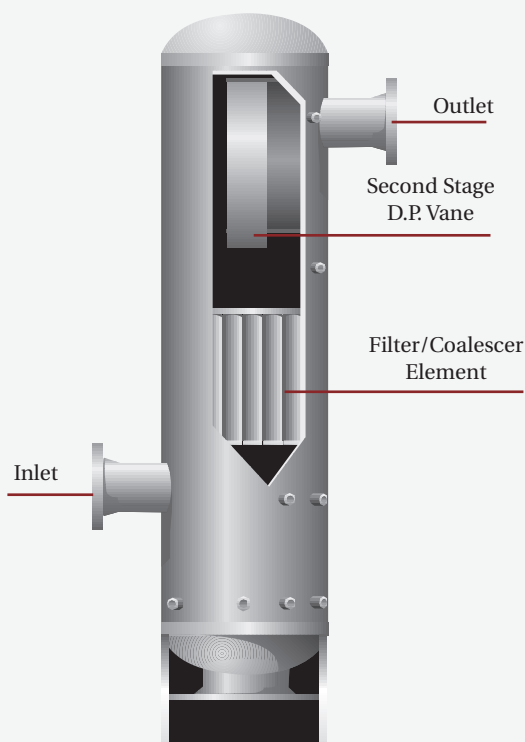
The double barrel configuration allows you to maximize the gas flow in the upper barrel without re-entrainment while the liquid drops into the lower barrel. AMISTCO® offers standard coalescing filters that can be replaced periodically or designs that can be cleaned and reused.

### BENEFITS:

- High gas capacity with a compact vessel
- Low maintenance
- No plugging of the DP Vane
- High efficiency
- Debottle neck existing equipment

### APPLICATIONS:

- Gas Plants
- Transmission Stations
- Gas Inlet to Chemical & Petrochemical Plants
- Gas Gathering Systems
- Turbine Fuel Gas

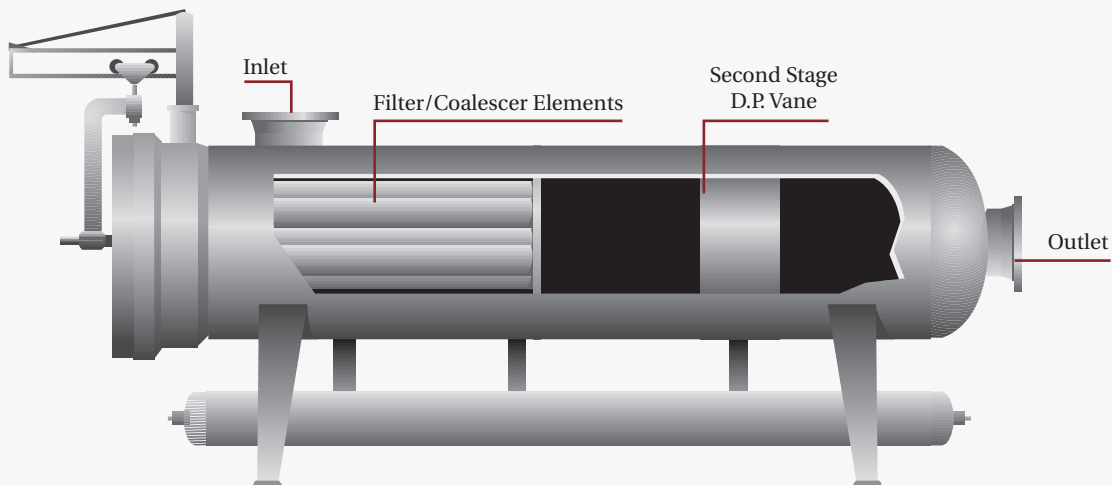
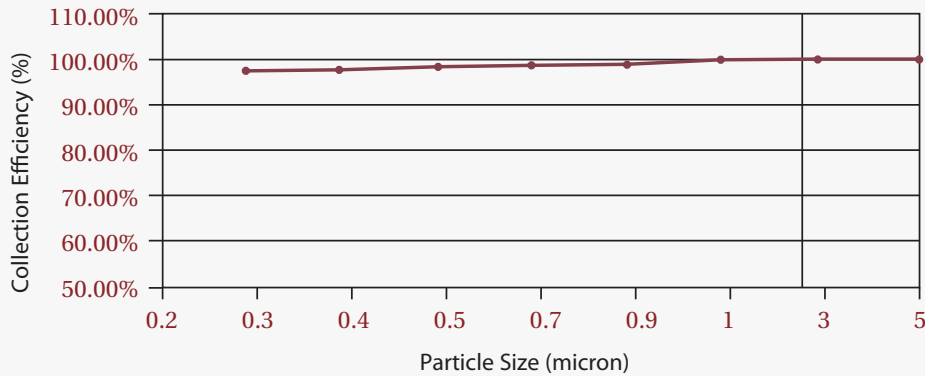


## TYPICAL AMISTCO® COALESCING FILTER

	TC-FG-03	TC-FG-04	DC-FG-03
Reusable	yes	yes	no
Size-OD	5", 7", 9"	5", 7", 9"	5", 7", 9"
Length	12, 24, 36, 48	12, 24, 36, 48	12, 24, 36, 48
Efficiency	99.9% of 0.3 micron	99.9% of 1 micron 99.9% of 0.3 micron	99.9% of 0.3-0.8 micron
Clean Pressure Drop	<0.5 psi	<0.3-0.5 psi	<0.3-1.0 psi



### TC-FG-03/04: COLLECTION EFFICIENCY VS. PARTICLE SIZE



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