

TANK VENT FILTER (TVF) SYSTEM

CECO Filters Tank Vent Filter (TVF) Systems are simple fiber bed control devices specifically developed to handle liquid mist emissions from storage tanks. During operation, condensed liquid mist emissions in the vapor space above the liquid enter the TVF's system inlet flange on demand using pressure available from normal tank pumping operations. Condensed liquid and particles down to 0.1 micron in size are captured by the fiber bed filter and drain off for recovery while clean air exits the filter into the atmosphere.

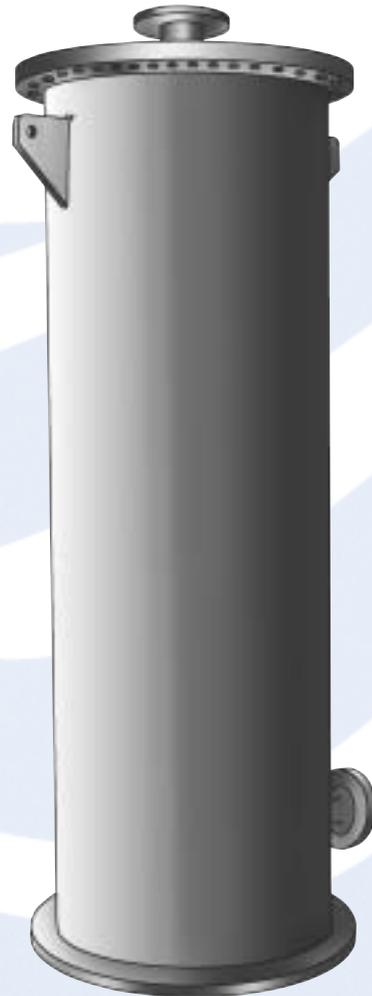
- **Long filter life - Up to 10 years!**
- **Low maintenance requirements**
- **Low operational costs**
- **Efficiencies approaching 100% for particles > 3 micron**
- **Efficiencies of 99.5% or higher for particles < 3 micron**

Applications

- Acid / caustic mist control
- Liquid asphalt emissions control
- Liquid emulsion emissions control

Features

- Tank or grade level mounted system
- Low cost blower provides tank ventilation when required
- Reduction of visible emissions to < 5% opacity



TVF Filter System Specifications

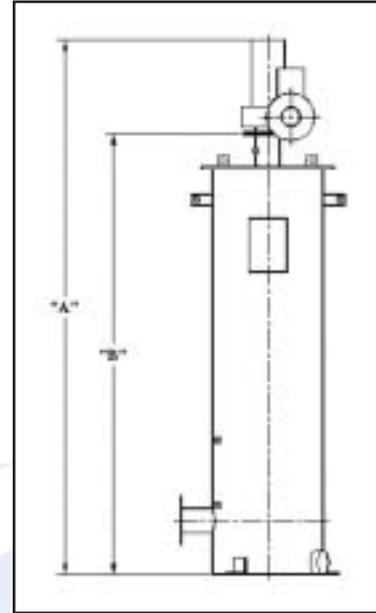
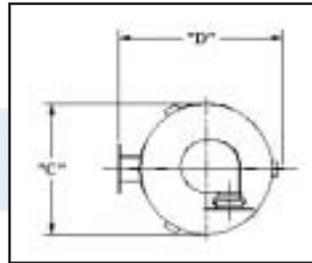
Model	Flow Rate (w/o fan)	Flow Rate (w/fan)	Height (w/fan) (A)	Height (w/o fan) (B)	Dimension (C)	Dimension (D)
TVF-10	10	110	N.A.	44-1/4	18-1/2	24-1/2
TVF-20	20	190	63-13/16	46-1/4	24-1/2	30-1/2
TVF-40	40	470	99-13/16	82-1/4	24-1/2	30-1/2
TVF-70	70	950	100-1/4	94-1/4	32-1/2	38-1/2

NOTE: All dimensions in inches. Flow rates in ACFM.

- Vessel construction in Carbon Steel, Stainless Steel, FRP, PVC, Polypropylene, etc.
- Weight: 300 to 900 Lbs. depending on model/material of construction

Options:

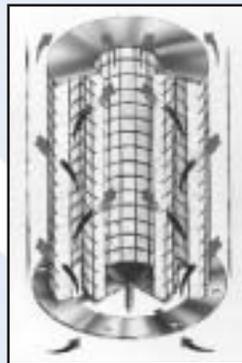
- Motor starter and controls
- Custom designs/dimensions
- Turnkey installation



More Solutions from CECO Filters.....



- Acid Gas Scrubbing
- Particulate Control



- Increased Filter Capacity
- Reduced Pressure Drop



- Acid and Caustic Mist Control
- Product Recovery