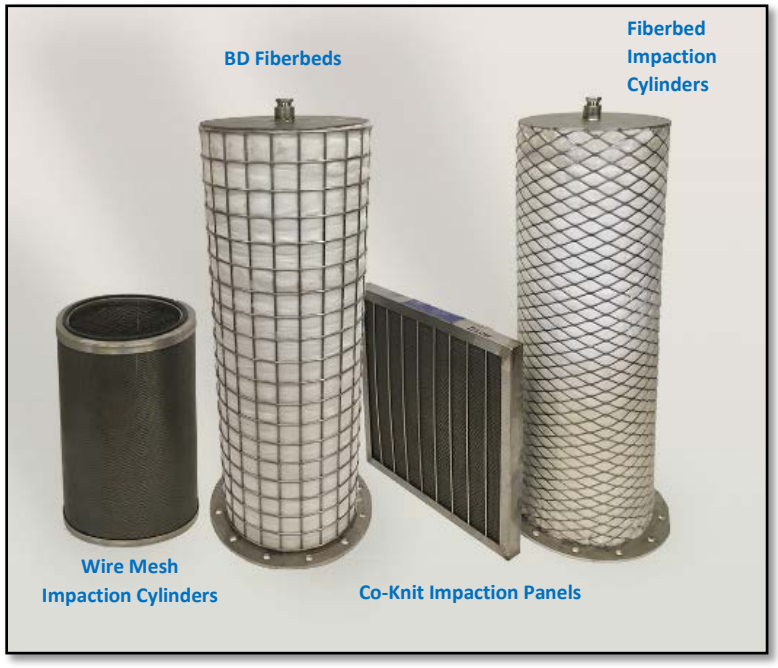
FIBERBED MIST ELIMINATORS



High Efficiency Solutions:

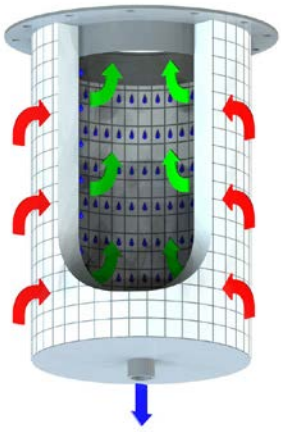
For the removal of fine liquid droplets (0.1-2 microns) formed as result of:

- Mechanical Means
- Temperature Change causing vapors to condense
- Chemical Reaction

Applications:

- Acid Plants
  - H_2SO_4
  - NHO_3
  - H_3PO_4
- Chlorine Production
- Ammonia Scrubbing
- Ammonium Nitrate
  - Urea Production
  - Prill Towers
- Compressed Gas
- Gas Turbines
- Vacuum Pumps
- Asphalt Products

Vertical Flow Fiberbed

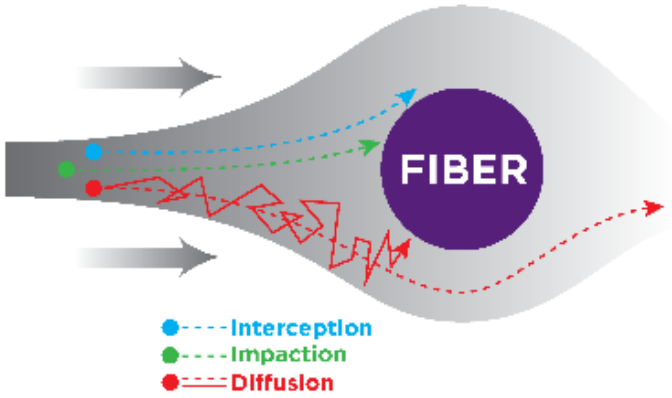


Shown: Forward Flow (FF)

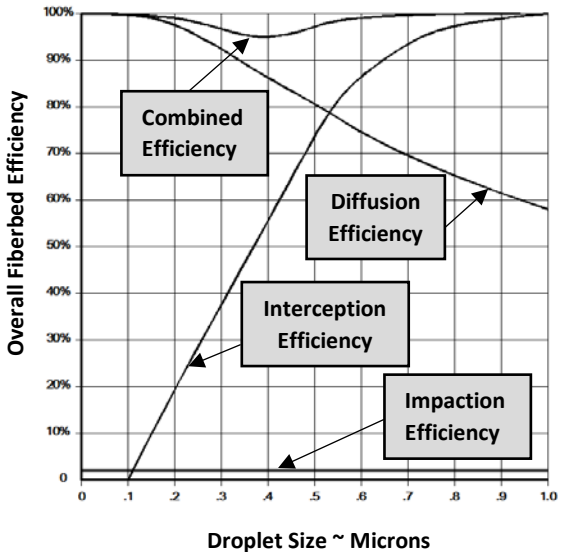
Designs:

- Impaction Type (most effective for 2 microns +)
- Panels and Cylinders often utilize a combination of Impaction and Interception means of removal efficiency (> 0.5 microns)
- Brownian Diffusion (BD) is most efficient for droplets (< 0.5 microns)

Droplet Formation and Removal



Overall Fiberbed Efficiency



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