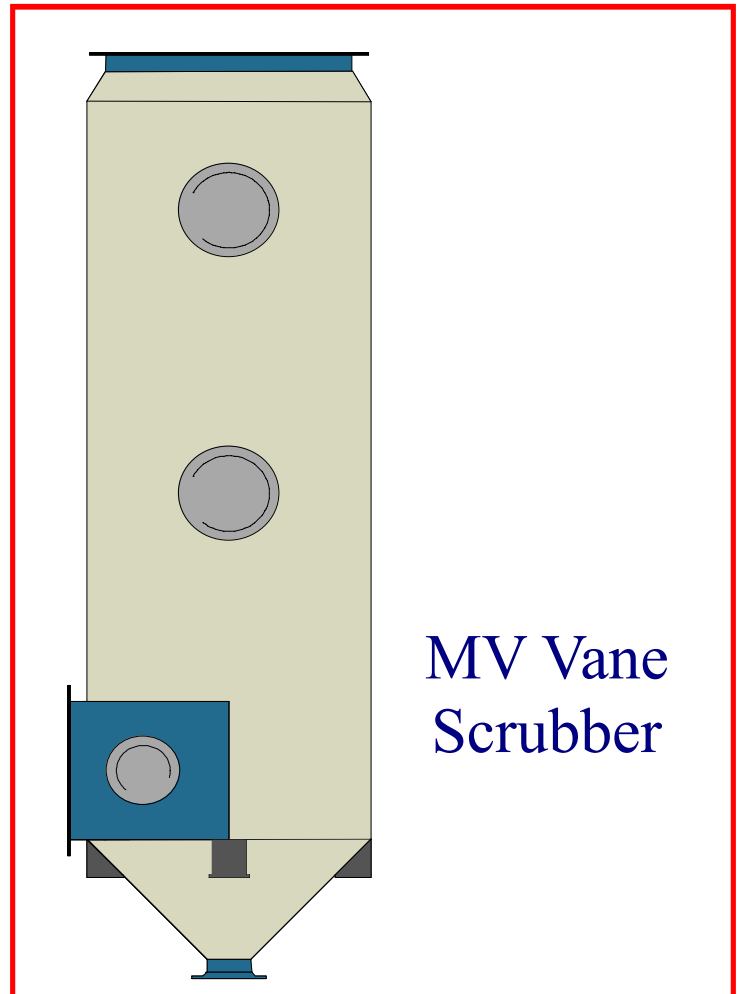


HIGHLIGHTS

- 1) Tangential inlet captures a major portion of the dust laden gas stream as it is mixed with the scrubbing liquid, forced to the outside wall, and discharged out the flanged sludge outlet.
- 2) Counter-current gas flowing through the scrubbing vane causes an increase in velocity, which produces fine suspended liquid droplets. Dust laden gas passing through this water bed, as well as impaction on the wetted surfaces of the scrubbing van, removes the contaminate, which flows to the sludge outlet. Variations in gas flow can be corrected by adjustable plates installed above the scrubbing vane.
- 3) Low pressure scrubbing liquid nozzle or open pipe reduces the possibility of plugging when using recycled liquid. Liquid sprays below the scrubbing vane can be provided for special applications.
- 4) After passing the scrubbing vane section, entrained liquid droplets are separated in the upper vane section, and are drained off with the remainder of the contaminates out the sludge outlet.
- 5) Materials of construction include carbon steel, stainless steel, special alloys, and fiberglass reinforced plastics.

ADVANTAGES

- Heavy dust loads
- 2 - 9" W.G. pressure drop
- 3+ micron particulate
- Low water pressure and consumption
- Non-clogging, maintenance free design
- Self-draining
- Scrubbing liquid can be recycled
- 200 - 70,000 CFM range



APPLICATIONS

- Rotary Drying
- Calcining
- Cooling
- Crushing
- Milling
- Classifying
- Foundry Shakeout
- Fluid Bed Process
- Buffing
- Packaging
- Sand Handling
- Paper Digester
- Fiberboard
- Limestone

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