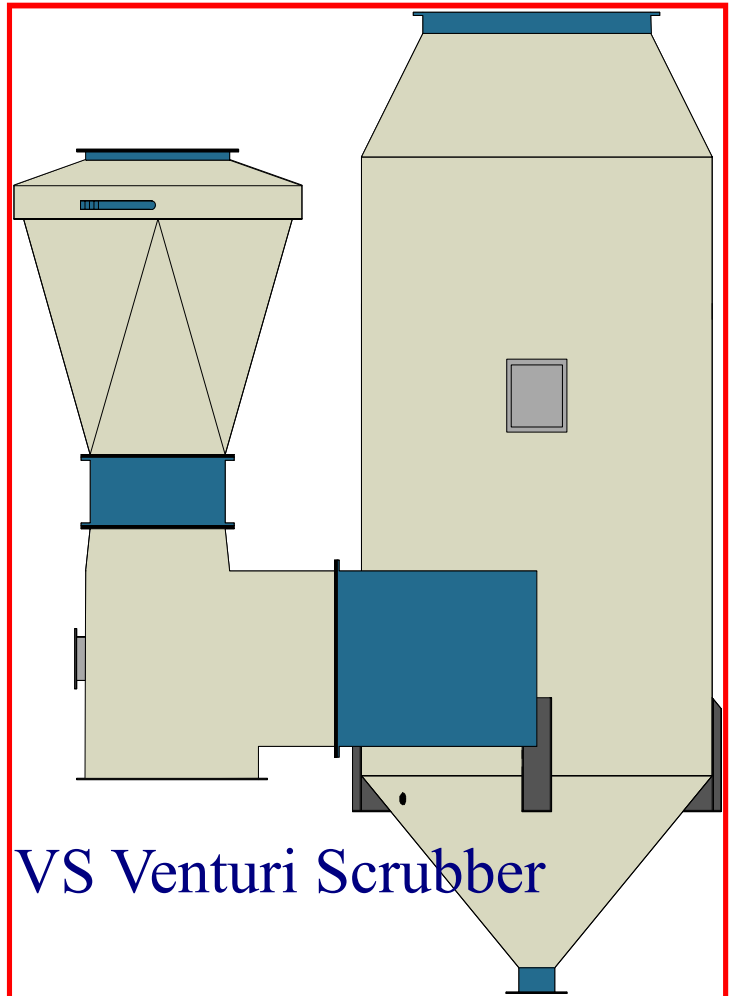


## HIGHLIGHTS

- 1) Dust laden gas stream enters the venturi inlet section as scrubbing liquid is introduced through open pipes along the side wall of the venturi. This wet inlet section prevents wet/dry line build-up.
- 2) Gas stream and scrubbing liquid are thoroughly mixed by acceleration and turbulence in the converging / diverging venturi throat section, whereby fine dust particles are impacted into fine liquid droplets.
- 3) A flooded elbow is provided below the venturi section and offers abrasion resistance as needed, and connects the venturi section to the centrifugal separator.
- 4) Contaminated droplets enter the separator tangentially, the droplets are separated from the gas stream, and discharged through the slurry discharge flange. Clean exhaust exits vertically from the separator.
- 5) Materials of construction include carbon steel, stainless steel, special alloys, and reinforced fiberglass plastics.

## ADVANTAGES

- Capable of Collecting Sub-micron particulate
- Adjustable or fixed venturi throat
- Non-clogging, self draining
- Scrubbing liquid is recyclable
- Ability to handle high inlet temperatures
- Wide range of pressure drops
- No wet / dry line build-up
- Practically maintenance free



## APPLICATIONS

- Lime Kilns
- Black Liquor Recovery
- Shot Blasting
- Detergent
- Bagging
- Aggregate Drying
- Fly Ash
- Metalizing
- Mineral Reduction
- Sludge Incineration
- Smelt Furnace
- Coal Processing

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