

# ***ScrubOut Vent Scrubbers***

Fact Sheet

## **Air Pollution Control Equipment**

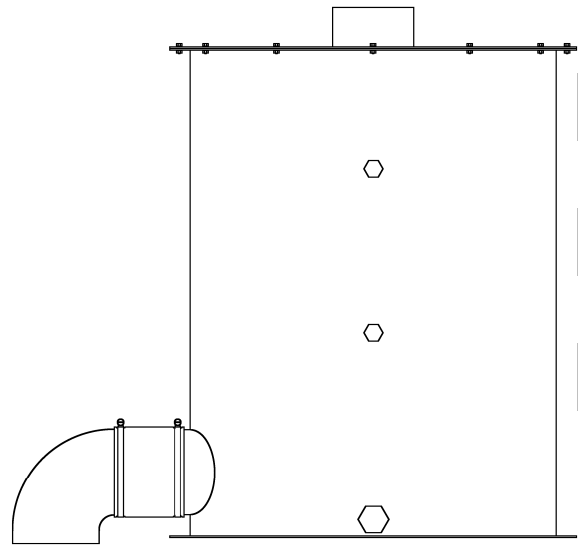
***ScrubOut Vent Scrubbers are passive air pollution control systems designed to remove corrosive, odorous and hazardous gases from exhaust vents.***

### ***Description...***

ScrubOut Vent Scrubbers are extremely effective in the removal of air pollutants.

These systems are designed to be utilized in conjunction with BioTriad's advanced dry scrubbing media.

BioTriad offers standard off-the-shelf models as well as the customization of specialty air purification systems.



### ***Advantages...***

ScrubOut units don't require chemicals, pumps, or liquids of any kind; water and sewer connections are not needed.

Available for purchase, short and long term rentals, and supply programs.

ScrubOut equipment can significantly reduce capital costs as well as startup, operating and maintenance expenses.

### ***Applications...***




- Industrial Exhaust Streams
- Leachate Treatment Plants
- Petrochemical Facilities
- Pumper & Hauling Trucks
- Sewer Collection Systems
- Wastewater Facilities

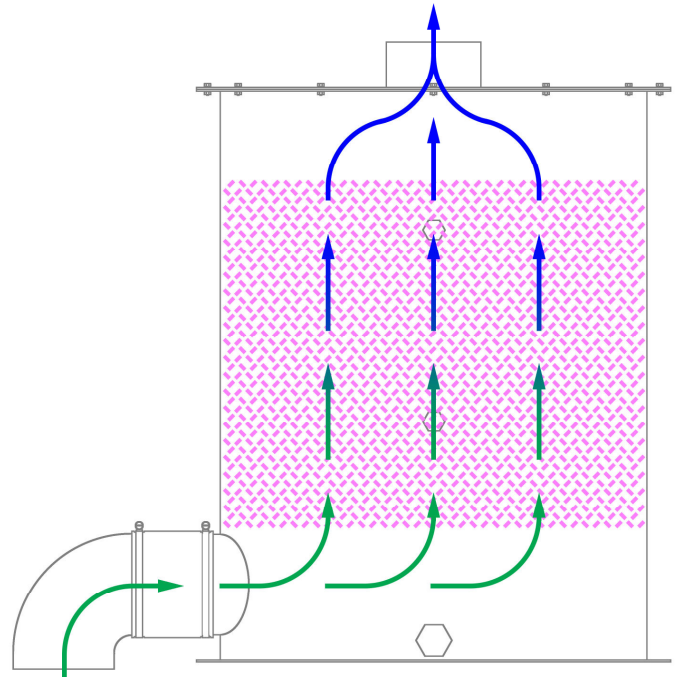
**How it Works...** Vent scrubbers utilize two different types of media; Activated Carbon and Impregnates.

Contaminated air is vented through the media within the contact chamber.

Contaminants will adhere to activated carbon and become electrostatically trapped in the surface pores.

Reactions within impregnates will irreversibly change contaminant gases into harmless solids.

-  = Clean Uncontaminated Air
-  = Dry Scrubbing Media
-  = Contaminated Air



**Construction...** Dry scrubbers are constructed from the following materials: Aluminum, Polyethylene, Polypropylene, Steel, 304 and 316 Stainless Steel.

### ScrubOut Vent Scrubber Specifications

Model	Media	Max CFM
SO-25	1.5 ft <sup>3</sup>	25
SO-50	2.5 ft <sup>3</sup>	50
SO-100	5 ft <sup>3</sup>	100

Model	Media	Max CFM
SO-300	12 ft <sup>3</sup>	300
SO-500	20 ft <sup>3</sup>	500
SO-1000	40 ft <sup>3</sup>	1,000