

# EVAC-6000

## SCRUBBER



Evac-6000 is our highest flow scrubber capable of handling flow rate as high as 6,000 CFM. It is trailer-mounted making the unit easily transportable. The lead scrubber is a packed recirculating column made out of 304 Stainless designed for high-flow and high-concentration. This scrubber has all explosion-proof electrical and can be placed in any Class 1, Division II hazardous location. The 2 carbon vessels following the lead vessel are capable of holding up to 4,000 lbs. of carbon each. These large quantities of carbon provide longer periods in-between carbon change-outs and facilitate complete removal of organic vapors.

### EVAC-6000 SPECIFICATIONS



#### RATED FLOW

0 – 6,000 SCFM Maximum  
Flow may be reduced based on piping restrictions

#### SCRUBBER MEDIA - Various

VapoScrubH2S5	1 – 6% Solution
Sodium Hydroxide (Caustic)	1 – 25% Solution
Potassium Permanganate	1 – 5% Solution
Acid (Acetic, Citric, Hydrochloric)	1 – 25% Solution
Odor Abaters	1 – 10% Solution
VapoScrubEX5	
Diesel (Passive Non-Recirculating Flow)	

#### PACKING MEDIA

Type	304 SS Pal Rings	Packing Factor	26
Packing Size	1.5 in.	Quantity	72 cu. ft.

#### PRIMARY SCRUBBER CHAMBER CHARACTERISTICS

Material	304 SS	Scrubber Chamber	186 cu. ft.
Diameter	5 ft.	Liquid Fill Volume	345 gallons solution
Height	9.5 ft.		

#### POLISHING CHAMBER CHARACTERISTICS

Material	Carbon Steel	Polishing Chamber	186 cu. ft.
Diameter	6.5 ft.	Carbon Fill Volume	4,000 – 8,000 lbs. combined
Height	8 ft.		

#### POLISHING MEDIA

Optional Impregnated GAC	Granular Activated Carbon
	Potassium Permanganate
	Sodium Hydroxide
	Potassium Hydroxide

#### SPECIAL FEATURES

- Inlet flame arrestor
- Redundant mag drive explosion-proof pumps
- Electromagnetic flow meter with recirculation flow output capabilities and a local HMI
- Pressure and temperature gauges
- Demister pad to prevent liquid carry-over
- Optional pH probes with DCS output capabilities and low pH output alarms

Call Envent now at 888-997-9465 or email us at [solutions@envent.net](mailto:solutions@envent.net)



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