

ESCRUB 500-P SCRUBBER



ESCRUB 500-P is a passive chemical scrubber designed to reduce levels of odorous vapors vented to the atmosphere. It works by passively allowing vapors to bubble through our absorbing liquid media, VapoScrubEX5, to achieve up to 98.5% hydrocarbon removal, or by allowing acid vapors to chemically react with one of our chemical scrubbing agents. After the vapors travel through the liquid media they pass through a demister pad which prevents any liquid carry-over.

ESCRUB 500-P SPECIFICATIONS



RATED FLOW

0 – 500 SCFM Maximum
Flow may be reduced based on piping restrictions

SCRUBBER MEDIA - Various

VapoScrubEX5	
VapoScrubH2S5	1 – 6% Solution
Sodium Hydroxide (Caustic)	1 – 25% Solution
Potassium Permanganate	1 – 5% Solution
Acid (Acetic, Citric, Hydrochloric, Phosphoric)	1 – 25% Solution
Water	

SCRUBBER CHAMBER CHARACTERISTICS

Scrubber Material	Carbon Steel or optional 304 Stainless Steel
Liquid Scrubber Chamber	
Liquid Max Fill Volume	125 gallons solution
Inner Diameter	4 ft.
Height	7.5 ft.
Overall dimensions	72 in. x 72 in. x 90 in.

PRESSURE SETTINGS

Pressure Relief Valve	10 in. Hg
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CONNECTION TYPE

Inlet	4 in. 150 lb. RF Flange
Outlet	4 in. 150 lb. RF Flange
Liquid Fill	2 in. Male Cam
Liquid Drain	2 in. Male Cam
Optional inlet/outlet connection	4 in. Male Cam / 4 in. Female Cam

SPECIAL FEATURES

- Liquid level sight glass
- 1/2 in. vapor sample ports
- Liquid and vapor temperature probes 20 – 240° F
- Liquid sample port for pH testing

Call Envent now at **888-997-9465** or email us at **solutions@envent.net**



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