

# ESCRUB 1000-P SCRUBBER



ESCRUB 1000-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 and an auxiliary KO vessel which prevents any liquid carry-over.

## ESCRUB 1000-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 with 6 – 8 mil. of epoxy coating
Liquid Scrubber Chamber	
Liquid Max Fill Volume	275 gallons solution
Inner Diameter	5 ft.
Height	9 ft.
Overall dimensions	72 in. x 72 in. x 108 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
- Inlet and outlet auxiliary liquid knock-out vessel with low point drain

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



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