

Sly Contact:	Linus Ridge	Date:	22/02/2012
Client:		Client Contact:	
Document Title:	Eductor Venturi Scrubbers		

## Eductor Venturi Scrubbers

- Need to comply with air quality codes? Our Eductor scrubbers are designed to specifically meet your performance requirements.
- Got a tough application? Make use of our expertise... call us with your special requirements.
- Need a unique solution to your problem? We offer custom engineering design. We design your Eductor around your application.
- Can't wait for a custom solution? Because Sly does its own manufacturing, we can deliver a custom system engineered to meet your demanding process, and deliver it *on time!*



*Eductor scrubbers are designed to remove soluble gases and particulate by inducing a gas flow using high pressure liquid focused into a venturi throat. Additionally, eductor scrubbers can be used for direct-contact condensation. A high liquid flow rate makes the Sly eductor particularly appropriate for collection of sticky and/or gummy particulate, as well as gases which decompose upon contact with water, such as SiCl<sub>4</sub> and H<sub>2</sub>SiF<sub>6</sub>.*

You get this...	...Because we do this!
• High Efficiency	✓ State-of-the-art materials
• Long Life	✓ Materials selected for optimum corrosion resistance ✓ Internals are generally inert to the process environment
• Minimum Maintenance	✓ No moving parts ✓ Convenient access locations
• Low Overall Water Consumption	✓ Recirculate Solution
• Flexibility	✓ Each is custom-engineered ✓ Is easily staged with other collection devices such as impingement plate scrubbers, packed towers or additional eductor scrubbers

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# Eductor Gas Scrubbers

## Specifications:

### Materials:

#### Shell:

- Mild steel
- 304 SS
- 316 SS
- Special alloy
- FRP

#### Design Pressure:

- ± 6" wg (std.)
- Other

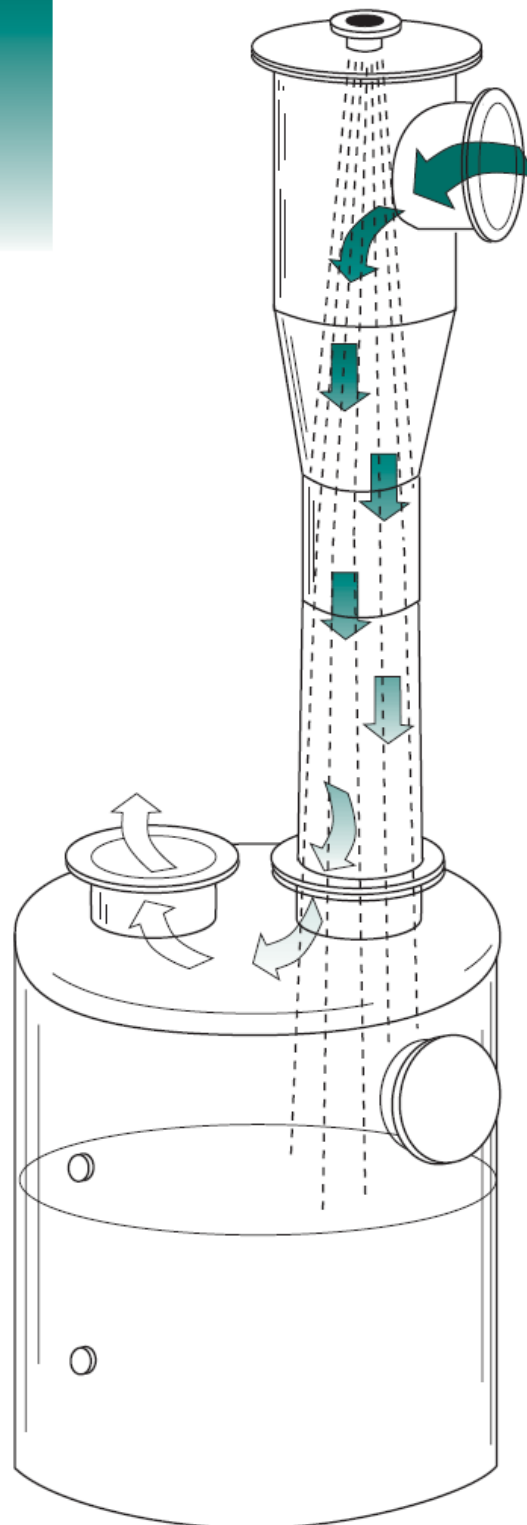
#### Standard Features:

- Access door in tank
- Flanged inlet and outlet
- Integral recirculation reservoir
- Anchor lugs
- Lifting lugs

#### Optional

#### Accessories/Features:

- Pressure differential gauge
- Internal sloped bottom
- Cone bottom
- Recirculation pump
- Recirculation piping
- Instrumentation package
- Exhaust fan
- Skid mounting (6' diameter & smaller)
- Control panel
- Sump heaters (freeze protection)
- Chemical feed systems



Address:  
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Executive Board UK:  
 Chairman K W I Ridge  
 Managing Director L I Ridge  
 Directors K W I Ridge, L I Ridge  
 VAT Reg: GB 787 080106



Certification No. FS578090

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 Managing Director L I Ridge  
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