

Wet scrubbers are helping manufacturers across various industries improve their air quality control. Here's our quick fact sheet to see if a wet scrubber is right for your application.

## When Should I Use a Wet Scrubber?

Wet scrubbers are commonly used in a variety of industrial applications, including boilers, incinerators, metal processing facilities and chemical plants. They can remove mixes of both solid particulate and gases/vapors, all in a single system, **reaching high collection efficiencies of over 99%**. A wet scrubber is a great option if you have any of the following:

- ✓ Wet or sticky particulate
- ✓ Soluble particles
- ✓ Fine particles or mists
- ✓ Mixes of particulate, gases, and vapors
- ✓ Combustible dust

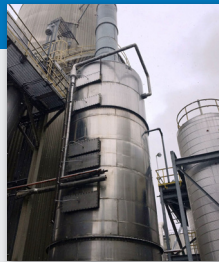
### Wet Scrubber

#### SPOTLIGHT

Sly's Venturi/Impinjet® combination scrubber can reach collection efficiencies of over 99.99%.

## Which Wet Scrubber is Right for Me?

In order to maximize collection efficiencies, you'll want to select the perfect wet scrubber for your application. Sly's main types of wet scrubbers include:



### Impinjet Scrubbers

Sly's Impinjet is great for particulate removal applications, like with dryers and powdered products. The Impinjet offers high collection efficiencies of over **99% for particles 5 microns or larger**, with low water recirculation and minimal pressure drop. Features include:

- Enhanced fouling resistance
- High absorption efficiency for gases/vapors
- Designs that can handle extreme temperature fluctuations
- Capacities to 200,000+ CFM



### Venturi Scrubbers

Venturi Scrubbers atomize their scrubbing fluid to better entrap fine particulate and mists. With a simple, yet highly efficient design, Venturi Scrubbers maximize collection efficiencies while minimizing operating and maintenance costs. Features include:

- Cyclonic separator for mist elimination
- Non-plugging and abrasion/wear resistant design
- Capacities to 76,000+ CFM per unit



### Packed Tower Scrubbers

Packed Tower Scrubbers are best used for getting rid of gas phase emissions like sulfur dioxide or other odors and acids. When designed correctly, they can successfully ventilate harmful/toxic gas streams.



### Eductor Scrubbers

Eductor Scrubbers are generally for air flows below 1500 acfm and can be used for gas and particulate removal. Their high liquid flow rate allows for maximum removal of sticky/gummy particulate, as well as gases that decompose with water, such as SiCl<sub>4</sub> and H<sub>2</sub>SiF<sub>6</sub>.

## The Sly Advantage

Ready to find your perfect wet scrubber? Sly's air quality control experts can analyze your application to determine your unique needs, then customize any one of our wet scrubbers into the perfect solution.