

## Specifications

### Chamber and Blower

Height:	72" to 96"
Width:	95"
Depth:	48"
CFM:	500 to 1000
Static Pressure Loss:	2" to 4"
Shipping Weight:	350 to 500 lbs.
Operating Weight:	1190 to 1340 lbs.
Blower Motor Size:	1 to 3 hp
Blower SP Ability:	4" to 10"
Recirc Pump Operating Pressure:	60 gpm @ 15 psi
Recirculation Pump Size:	1/2 hp
Diaphragm Chemical Feed Pump:	12 gpd, 120 V

### Utilities

Electrical :	460V, 3Ø, 60 hz, 30 amps
Make-up Water Requirement:	2 gph, 10 psi, Potable
Drain:	Sanitary Floor Drain

### Chemistry Usage

Predator™ H <sub>2</sub> S Eliminator:	1 gal. per 1.2-1.9 lbs. H <sub>2</sub> S
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## System Overview

The ProBilt™ 2-Stage Scrubber safely and effectively eliminates H<sub>2</sub>S odors. This exclusive scrubber operates with the Predator™ H<sub>2</sub>S Eliminator to remove H<sub>2</sub>S and mercaptans. This combination treats high, low and spiking levels of H<sub>2</sub>S with an average H<sub>2</sub>S removal rate of 99%.

This skid mounted system is designed for facilities with up to 1000 cfm of air handling requirements. The ProBilt installs quickly and easily and requires minimal maintenance. The Automatic Chemical Feed option adds Predator H<sub>2</sub>S Eliminator to the scrubber as required by the H<sub>2</sub>S loading conditions.

Predator H<sub>2</sub>S Eliminator is effective in the system at 0.05 to 0.08 gallons per ppm H<sub>2</sub>S per million cubic feet per day. Independent testing confirms the powerful odor removal capabilities of this biodegradable, non-hazardous scrubbing option.

## Applications - 500 to 1000cfm

### Municipal Wastewater Sites

- Pump Stations
- Sludge Dewatering Process Areas
- Grit & Screenings Facilities
- Headworks

### Industrial Sites

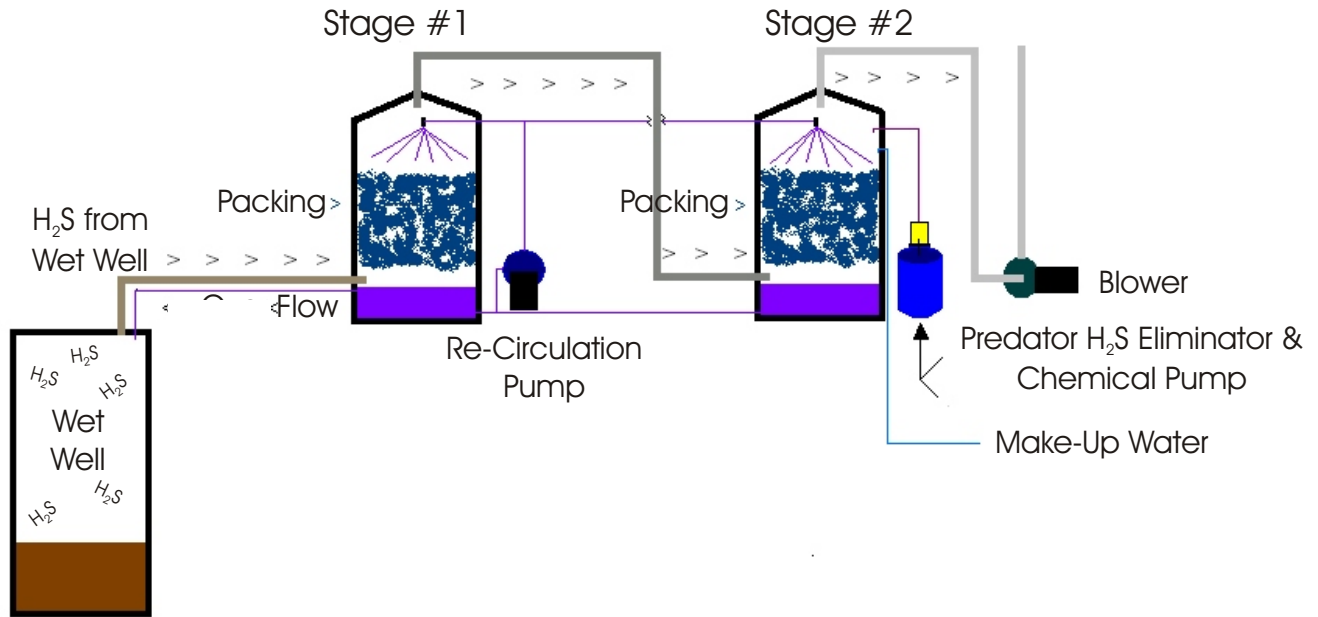
- Rendering Operations
- Chemical Manufacturing
- Sites Generating Sulfides and Mercaptans

### Chemical

- Predator™ H<sub>2</sub>S Eliminator

*Technical Experts in Odor Control*

# Typical ProBilt Installation



## ProBilt™ 2-Stage Scrubber Components

### Fan and Motor

- Enamel Coated Cast Aluminum
- TEFC Motor—1 to 3 hp

### Recirculation Pump

- Magnetic drive—polypropylene wetted parts
- TEFC Motor—1/2 hp

### Control Panel

- Nema 4X, 460 V
- Panel Disconnect
- Fan Motor Controls
- Recirculation Pump Controls
- Optional Panel Tie-in and Alarms Available

### Chambers and Skid

- Polyethylene Chamber, Sectional
- 4" & 6" Inlet/Discharge Flanges
- Polypropylene Spray Nozzles
- Polypropylene Scrubber Packing
- Mesh Mist Eliminator
- Recirculation & Make-up Water Piping—PVC
- Stainless Steel Exhaust Stack
- Aluminum Skid
- Forklift Channels on Skid

### Chemical Feed Pump

- Diaphragm Pump, 12 gpd
- 120 V
- Optional Automatic Feed Controls based on H<sub>2</sub>S Loading