

# Biologically Engineered Adsorbent Scrubber Technology

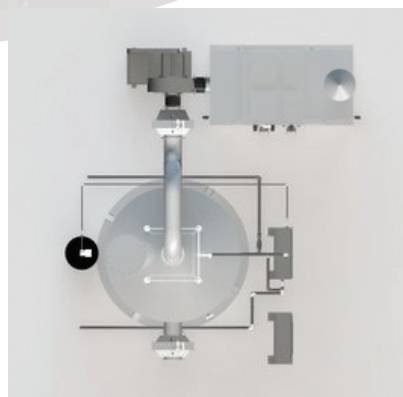


Your world  
leaders in odor  
control just  
upgraded their  
arsenal.



## Multi-Stage Scrubber Technology:

- Bioscrubber + polishing adsorber in one system
- Advanced biomedium has 10+ year life span



## First Class Features & Capabilities:

- Full remote monitoring & notification system
- Inlet, intermediate, & outlet H<sub>2</sub>S sensors
- Little maintenance required



## Multiple Models to Fit Your Needs:

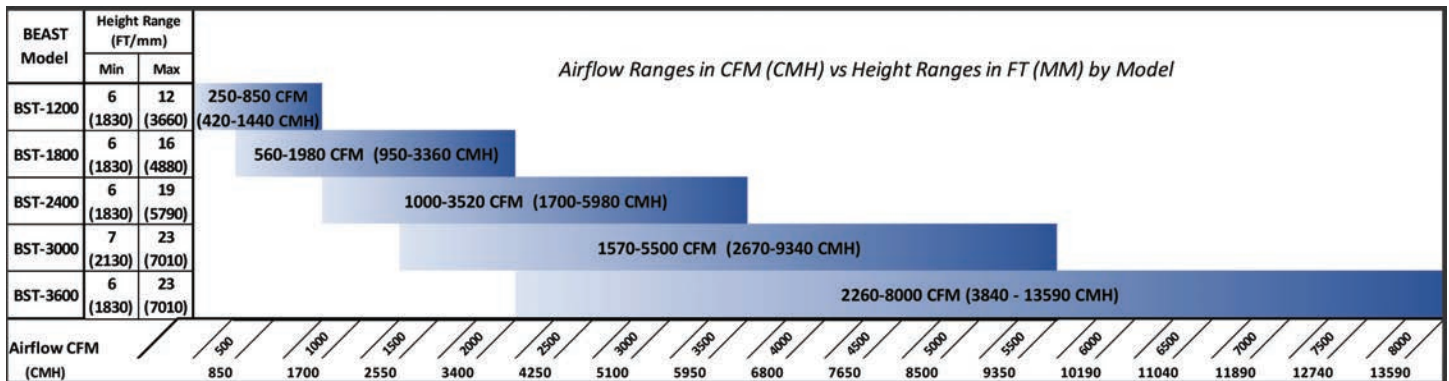
- Airflow Range: 425 to 13,592 CMH (250 to 8000 CFM)
- Multiple configurations to meet footprint needs
- Capable of removing 300+ ppm H<sub>2</sub>S

## **HIGH H<sub>2</sub>S LEVELS?**

Best of class technologies in one innovative system. Our cutting-edge design is unlike any other on the market. It combines the renewable capacity and power of biological scrubbers with the precise efficiency and reliability of our chemical adsorbent dry scrubbers to deliver 99.9% removal of extremely high levels of hydrogen sulfide and other gases.

# Model Selection

| MODEL NUMBER | DEPTH in mm (FT) | HEIGHT RANGE in mm (FT) | AIRFLOW RANGE in CMH (CFM) | MOTOR RANGE in kW (HP) | POLISHING UNIT MEDIA VOLUME in M <sup>3</sup> (FT <sup>3</sup> ) | SYSTEM SHIPPING WEIGHT KG (LBS) | SYSTEM OPERATING WEIGHT KG (LBS) |
|--------------|------------------|-------------------------|----------------------------|------------------------|--|---------------------------------|----------------------------------|
| BST - 1200   | 1200 (4)         | 1830-3660 (6-12)        | 420-1440 (250-850)         | 3.7 (5)                | .7 (24)  | 580 (1280)                      | 2180 (4820)                      |
| BST - 1800   | 1830 (6)         | 1830-4880 (6-16)        | 950-3360 (560-1980)        | 5.6 (7.5)              | 1.4 (48)   | 950 (2100)                      | 4390 (9670)                      |
| BST - 2400   | 2400 (8)         | 1830-5790 (6-19)        | 1700-5980 (1000-3520)      | 5.6-7.5 (7.5 - 10)     | 1.4-3.6 (48 - 126)   | 3180 (7020)                     | 11570 (25510)                    |
| BST - 3000   | 3000 (10)        | 2130-7010 (7-23)        | 2670-9340 (1570-5500)      | 5.6-11.1 (7.5 - 15)    | 3.1 - 6.0 (108 - 210)  | 3620 (7980)                     | 12430 (27400)                    |
| BST - 3600   | 3600 (12)        | 1830-7010 (6-23)        | 3840-13590 (2260-8000)     | 7.5-18.6 (10 - 25)     | 3.6 - 9.5 (126 - 336)  | 5340 (11780)                    | 18190 (40110)                    |



## Media- Sulphasorb Si

The BEAST Bioscrubber uses our Sulphasorb Si (SSi) media as its substrate. Unlike other substrates, SSi is easy to install, resistant to high acidity levels, extremely porous, and it has a life of at least 10 years. In addition, it is environmentally friendly, as it is made of recycled glass. The incredible porosity, 4695 m<sup>2</sup>/m<sup>3</sup>, allows for a large amount of surface area for odor eating bacteria to prosper.



+1 678.935.1431

Toll Free: 866.543.7479

[www.PureAirFiltration.com](http://www.PureAirFiltration.com)

6050 Peachtree Pkwy Suite 240-187. Atlanta, GA, USA 30092