



The Ultrapure<sup>®</sup> odorNOX system is a cost-effective means of removing odorous gases typically found in industrial and wastewater treatment plants. The simple design, and corrosion-resistant materials make the scrubber system a low maintenance piece of equipment. The deep bed of ultraSORB<sup>®</sup> adsorbent media allows for high-efficiency removal of odors and a long service life even in severely contaminated areas and applications.

### Standard Features:

- Ready to used: Simple Installation & Operation
- Housing material FRP
- ultraSORB<sup>®</sup> Chemical Media
- Totally Enclosed Fan Cooled (TEFC) motor
- Aluminium blower
- Stainless steel and rubber latches
- Thermoplastic packing and FRP lid
- Airflows up 100 to 1000 cfm
- Inlet (6-inch pipe diameter)
- Powered by nanoX<sup>®</sup> & plasmOX<sup>®</sup> Technology.
- Zero maintenance required
- No by-products generation
- Safe for humans.

### Application

Pump Stations, Lift Stations, Aerobic Digesters, Wet Wells, Clarifiers, Force Mains, and waste water odor removal.



### Targeted Gases/Odors/Pollutants

- Hydrogen sulphide
- Sulphur Dioxide
- Nitrous Oxides
- Ammonia
- Mercaptans
- Aldehyde
- Chlorine, ClO<sub>2</sub>
- Other Organic Compounds
- Microbes (Bacteria, Virus, Molds, etc.)
- PM 2.5, PM 10, etc.

### Specification

Application	Waste water odor removal System
Salient features	AOP System Powered by nanoX <sup>®</sup> & plasmOX <sup>®</sup> Technology
Air Flow Range	100 CFM to 1000 CFM (as per Model selection)
System Configuration	Vertical Airflow System
Construction material	Standard: Fiberglass reinforced plastic Other options: High-density polyethylene (HDPE), Stainless Steel.
Particulate filtration system	Pre-filter (polyester filter 2" thickness)
Blower Configuration (as per model Required)	Centrifugal Blower with TEFC motor Phase 3; Power: 0.37-1.1 kW (0.5 - 1.5 HP); Volt: 230/430 V; Hz: 50-60 Hz; Noise (in DB): 64/90 dB
Customised Options	Multiple sizes and configurations available, reference model selection chart for details: *Don't see what you are looking for? ULTRAPURE ENVIROCARE specializes in customization. Contact us with your air filtration needs and we will work with you to find the best solution for your needs.



**Chemical Media Indicator Rod**

- System is equipped with a metal media bed rod. The rod is positioned inside the system at an angle against the direction of airflow and detects the expiration level of the media.
- Chemical media indicator rod: copper (50mm Thickness)
- Dark, corroded coloration on rod shows where media has expired. Once half the rod has been corroded, one should contact the factory to replace the media to ensure the proper functioning of the system.

### Complimentary service:

Ultrapur analytical division are providing chemical media remaining life assessment report.

## ultraSORB® Chemical media



## Drum Scrubber Model



Model Number	OS-100	OS-300	OS-500	OS-1000
Air flow range (CFM)	85-300	300-510	510-850	1190-2125
Media volume m (ft) *	0.14(5)	0.25(10)	0.41(17)	1.1(39)
Motor power kW(HP)	0.37(0.5)	0.56(0.75)	0.75(1)	1.1(1.5)
Shipping weight kg	79	154	204	272
Operating weight kg	156	304	386	862

Note: Product weight may change with chemical media & application area.

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