

Mobile Solutions

January, 2018

VaporPac

ECS is pleased to announce the rollout of our first standard VaporPac odor control system. This design is based on a year-long trial with some significant improvements.

Odor? No problem, the unit can be mobilized and put into service within 24 hours.

Worried about noise? Systems are available with our proprietary honey-comb formed composite noise enclosures.

Odd flow rate? We solve that with a VFD driven fan system

Need a solution fast? No problem, ECS can have a system on-site and operating within 24-hours.

New Offering

Announcing the *VaporPac* from ECS



System Details

- DOT certified mobility
- FRP corrosion resistant construction
- VFD based control system
- Expandable if necessary flow exceeds rated capacity
- High performance sound attenuation
- Ability to utilize any media or media combination
- Flexible lease terms
- Industry standard 60 fpm design limit at full rated airflow
- High carbon volume and contact time with 3' vertical depth

Typical applications

- Fan testing where odor cannot be emitted (typically to determine the amount of air that needs to be pulled from a structure to control odor)
- For use during construction to increase worker safety or comfort
- Emergency solution to odor or corrosion issues

Contact Us

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ECS offers a full range of
odor control solutions
and accessories

- Biofilters
- Bioscrubbers
- Biotrickling Filters
- Dry Media Systems
- Sound Attenuation
- Fiberglass Ductwork
- Fiberglass Chemical Storage Tanks
- Odor Control Covers
- Service Contracts
- Prefiltration
- Fiberglass AMCA Certified Dampers

Initial fleet offering will consist of two systems

- The VaporPac 5000 is rated for up to 5000 cfm
- The VaporPac 10000 is rated for up to 10000 cfm

Systems are designed to utilize multiple vessel modules on a single mobile platform for flow rates that exceed 10000 cfm.



Additional specific features that separate the VaporPac from existing competition

- Systems are designed for permanent use; any non-composite components are stainless steel. The vessel is manufactured from vinyl ester resin with a 100-mil corrosion barrier on all internal components.
- The unit can be used with a very short bed depth without worry of un-even airflow distribution. ECS has employed our AirDSB system to spread airflow through the carbon bed surface. The VaporPac does NOT rely on media pressure drop.
- If break-through occurs toward the end of your lease period, simply add a minimal amount of media. In other units' complete change-out may be necessary.
- Standard bed depth capacity is 3'6". Contact time exceeds 3 seconds.
- Dry media solutions are based on maximum bed life, not a proprietary expensive offering.