

Odor Control

Vanaire odor control systems consist of packed bed or packed tower scrubbers, which treat odors from hydrogen sulfide, ammonia, acetic acid, ketones, amines, chlorine and other chemicals. Scrubbers utilize high-mass transfer and liquid recycle rates to guarantee adequate chemical is available to absorb odors.

Vanaire can provide packed bed, packed tower, single stage or multi stage systems for maximum efficiency which are tailored to individual process requirements.

Odor control systems include scrubbers which are complete with high-efficiency extended packed beds, integral mist-eliminator, liquid recycle system including pump(s), integral or remote sump, spray piping with non-clogging spray nozzles, packing and sump access doors. Units are skid mounted with flanged sections for ease of installation and are available from materials such as PVC, CPVC, poly-propylene, solid FRP or dual laminate.

Vanaire odor control systems come complete with chemical holding/storage tanks, chemical metering pumps, probes and analyzers for chemical injection.

Blowers are AMCA (Air Movement and Control Association) rated for performance, are completely corrosion resistant, highly efficient and feature smooth, quiet operation.

Each system is complete with its own motor control panel, housed in a NEMA 4X enclosure. Panels are provided with lockable, fused disconnects, push buttons, switches and alarms for air and liquid flow, liquid high and low levels in compliance with the standards of the NEC (National Electric Code) and JIC (Joint Industrial Council).

With more than thirty years experience in the design and manufacture of first quality ventilation systems, make Vanaire your choice for odor control systems.

Typical Applications

- Sewage Lift Stations
- Clarifiers and Sludge Dryers
- Municipal Solid Waste Plants
- Chemical Processing
- Pharmaceutical Fermentation
- Animal Rendering Plants
- Fish and Poultry Processing

