



# SWEET-AIRE® ODOR CONTROL SYSTEMS CARTRIDGE SCRUBBER

## SYSTEM DESCRIPTION

SWEET-AIRE CARTRIDGE scrubber units are designed to provide the same adsorption functionality as larger units; but only on a smaller scale. Each unit can be custom-fitted to meet the contaminant removal requirements of almost any application. The carbon cartridge can be filled with media custom-selected to provide the maximum time on stream between changeouts and to deliver the optimum contaminant removal while in service.

Some typical applications are:

- Sewer gas relief vents, manhole ventilation along collection systems
- Headworks channel odor control
- Storage tank vents
- Landfill gas odor scrubbing
- Sludge thickening tank and digester tank odor control
- Tanker truck loading facilities vapor containment
- API separators and other wastewater facility VOC or odor control.
- Laboratory fume hood ventilation VOC abatement

Every SWEET-AIRE CARTRIDGE scrubber contains a media support system that ensures that the airflow across the media is evenly distributed to provide consistent and efficient contaminant removal.

## CARTRIDGE SCRUBBER SPECIFICATIONS

Cartridge Container ...Schedule 40 PVC  
 Carbon Capacity .....6-7 lbs.  
 Carbon Media.....Custom selected to match application  
 Fan .....Polypropylene construction with TEFC, 1/3 HP motor. Explosion-proof motor optional.  
 Inlet..... 3" FERNCO  
 Outlet..... 3" Stub Schedule 40 PVC  
 Support Base..... FRP grating, 1.5" thick  
 Max Oper. Temp..... 160°F  
 Max. Flow.....40 ACFM  
 System Footprint.....30" L x 18" W x 22" H  
 Optional Enclosure.....40" L x 28" W x 27" H



## FEATURES AND BENEFITS

The SWEET-AIRE CARTRIDGE scrubber units provide the end user with many benefits:

- Simple installation and ease of operation
- Corrosion resistant design – no metal in contact with process stream
- Supplied with the type of media to fit the application
- Units can be supplied with optional enclosure to minimize sound and secure the equipment
- System design will handle varying flow rates and process variability without reduction in performance
- Media support system ensures maximum media utilization and longer run lengths than pipe distributor designs
- Minimized treatment cost due to cost-effective design