

Wolverine Brand Industrial Vapor Phase Adsorbers

Superior Odor Control, Superior Quality,
Exceptional Price



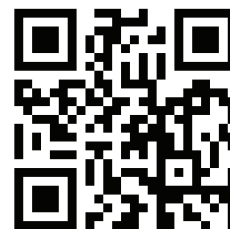
Wolverine Brand HDPE 24 Shown

- Vessels are all manufactured from **High Density Polyethylene (HDPE)**
- All connections welded
- Magnehelic Differential Pressure
- Adjustable inlet Dampener for air flow
- Condensation drain Standard Equipment
- Stainless Steel carbon bed grounding rod
- Stainless steel inlet screen for corrosion resistance
- Removable top for easy carbon bed change out
- Equipped with mounting tabs to secure to skid or cement slab.
- **Optional Equipment:**
 - PB Blower
 - Control Panel
 - Industrial Skid
 - Rain Cap
 - Variety of Carbons and Granular potassium permanganate.

Treats air flows from 0 to 700 CFM

Simple Solutions Dist LLC offers you budget conscious solutions for all of your odor control needs. We supply industrial vapor phase Carbon adsorbers or what is commonly called an odor scrubber or air scrubber for flows from 0 to 700 CFM with larger air scrubber systems available as special order. Our Main business is in Wastewater odor control (H₂S), however our adsorbers when utilized with the correct activated carbon will solve any of your emission odor concerns

We have broken down our Vapor Phase Carbon Adsorption Equipment by recommended air flow to make selecting the proper odor adsorber as simple as possible. All you need to do to choose your Activated Carbon Adsorber is find out the CFM flow of the vent system the adsorber will be utilized on. You can then select any options you may require (Fans, Control panels, type of Carbon ETC)



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DATASHEETNo. 1230
Feb 2012**DARCO® H₂S**

GRANULAR ACTIVATED CARBON

DARCO H₂S is a specialty activated carbon, developed for removing hydrogen sulfide from air streams and eliminating "sewage odors". **DARCO H₂S** is the most cost effective carbon based solution available for the removal of "nuisance" type odors. It is produced by steam activation at high temperature using a proprietary process, which does not involve the use of any impregnant. As a result, the risk of bed fires due to exothermic reactions is greatly reduced. **DARCO H₂S** is produced as a 4x8 mesh granular carbon to provide a low-pressure drop in gas phase applications, making it suitable for use in the adsorption equipment at many of the existing odor control installations.

Product Specifications

H ₂ S Capacity (ASTM D6646), g/mL	0.2 min.
Moisture, % as packed	8 max.
Mesh size (U.S. Sieve Series)	
Greater than 4 mesh (4.75 mm), %	10 max.
Less than 8 mesh (2.36 mm), %	10 max.

Typical Properties*

Apparent density, poured, g/mL	0.40
lb/ft ³	25
Mesh size (U.S. Sieve Series)	
Less than 8 mesh (2.36 mm), %	5
Mean particle diameter, mm	3.4

*For general information only, not to be used as purchasing specifications.

Packaging/Transportation

Standard packages:

40 lb paper bag; 30 bags per pallet for a net pallet weight of 1200 lb

Woven polypropylene bulk bag, 1000 lb net

Activated carbon (NOT REGULATED)

Exempt from DOT, IATA, and IMDG regulations

Import/Export classification: 3802.10.0000 (HS Tariff Classification)

Domestic Freight Classification: NMFC 040560

CAS # 7440-44-0

Material Handling

Wet activated carbon depletes oxygen from air and, therefore, dangerously low levels of oxygen may be encountered. Whenever workers enter a vessel containing activated carbon, the vessel's oxygen content should be determined and work procedures for potentially low oxygen areas should be followed. Appropriate protective equipment should be worn. Avoid inhalation of excessive carbon dust. No problems are known to be associated in handling this material. This product contains silica. Please see the Product Material Safety Data Sheet for details. Long-term inhalation of high dust concentrations can lead to respiratory impairment. Use forced ventilation or a dust mask when necessary for protection against airborne dust exposure (see Code of Federal Regulations - Title 29, Subpart Z, par. 1910.1000, Table Z-3).