

Simple Solutions Dist. LLC

2006 Catalog

Your One Stop Shopping Resource For Eliminating
Septic And Sewer Odors



TROCKSTM
Hollow Landscape Rocks



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About Our Filters

The **Wolverine Brand**™ Family of Odor Control Products will solve your vent odor problems **OR YOUR MONEY BACK!****

**Money back guarantee does not apply to the Wolverine Brand® Manhole odor filter insert having a poor fit because the skirt measurements are supplied by customer.

The **Wolverine Brand**™ Family of Odor Control Products are various types of air filtration Biofilters, also commonly called adsorbers or air scrubbers that install on plumbing vents or inside manhole openings to adsorb noxious odors in any residential, industrial or commercial application.

Our Wolverine Brand filters come in 3 styles:

“T” Style Filters

The **Wolverine**™, **Super Wolverine**™ and **Wolverine Mega “T”**™ models utilize a unique Cross Flow Design Pat Pend. that holds the filter media in a fresh air environment. The Cross Flow Design Pat Pend dilutes the Odorous gas concentration (PPM) as it passes over the media. Diluting of the odorous gasses extends the media life expectancy and allows for use of a smaller, compact filter housing. This advantage allows for savings on start up and continued maintenance costs. The Cross Flow Design Pat Pend also helps to wick away moisture from the filter media, extending media life even further. Our **Standard Wolverine**™, **Super Wolverine**™ and **Wolverine Mega “T”**™ fit vents ranging from 1.5 inches up to 10 inches (larger sizes available as a special order) and hold from 1 lbs to 30 lbs of carbon media making them the perfect choice from small home plumbing vents to municipal wastewater pumping stations. All of our filters come standard with a socket style coupling and our **Mega “T”**™ is available with an optional Flange or FIPT style coupling at no extra charge. No hub adaptors are also available for use on copper, cast iron and other non-standard sized vent pipes.

Bucket and Barrel Filters

The **Mega Wolverine**™ is a BUDGET CONCIOUSE Biofilter for use when COST is more important than AESTHETICS. The MEGA Wolverine™ is available in 20 and 40-Pound models with larger units up to 500 lbs available as special order. Inlet sizes range from 3 to 8 inches with a choice of coupling styles available at no extra charge.

Wolverine Manhole Odor Filter Insert™

A cost effective odor control solution for manholes, our Wolverine Manhole Filter Inserts™ are designed to fit the manhole frame rim upon which the manhole cover rests, making it completely hidden and will not interfere with installation or removal of the manhole cover.

Our Wolverine Manhole Odor Filter Insert™ is manufactured from a durable High Density Polyethylene Copolymer corrosion proof material and holds 20 lbs of filter media.

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Sulfursorb Activated Catalytic Carbon

Sulfursorb.

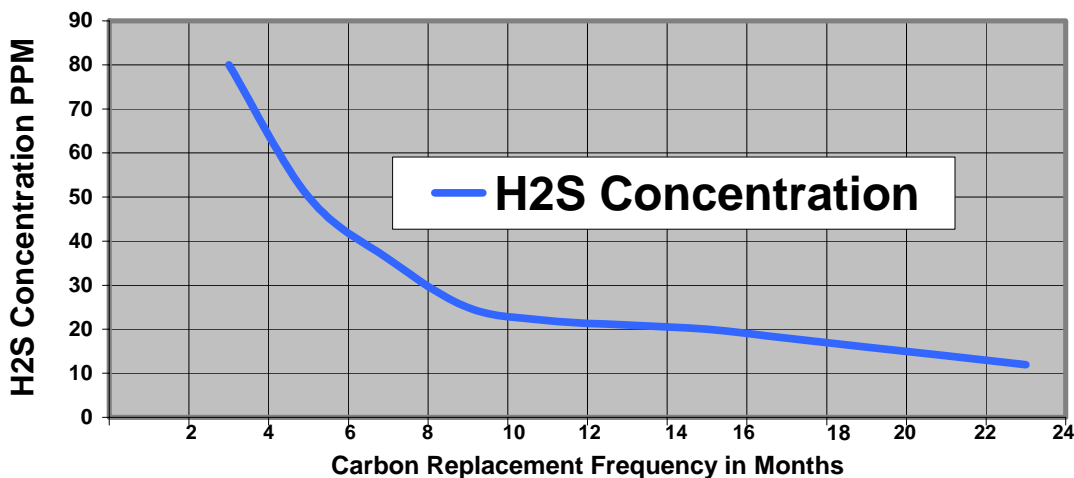
All of our filters come standard with Sulfursorb, a specially formulated, catalytic carbon that was specifically developed for the removal of hydrogen sulfide, also known as H₂S, and other compounds from venting air streams. It is well suited for use in sewage treatment plants and pumping stations where these compounds are typically found. Sulfursorb gives you the high loading rates of impregnated carbons without the thermal risks associated with these chemically treated carbons. Sulfursorb can also be washed with water to improve its long-term performance.

While Catalytic carbon costs more than standard or impregnated activated carbons, the end result is that it has the adsorbing capabilities of activated carbon without the shorter life associated with chemically coated carbons. This translates into better septic and sewer odor removal with the added benefit of longer carbon bed life.

(Sulfursorb Catalytic Activated Carbon is non-hazardous according to the definition for “health hazard” and “physical hazard” provided in the OSHA Hazard Communication Law ([29 CFR Part 1910](#))).

We do offer a variety of alternate carbons for use in venting odorous gasses other than H₂S. If you have a need for odor control of gasses other than H₂S please contact our office to speak to a representative.

Estimated Life Expectancy of Activated Carbon. Based on 5CFM (Odorous Airflow)



Wolverine Brand Family Of Odor Control Products™

Quick Application Chart

| Vent Filter Style | Vent/Opening Size | Common Application | Carbon QTY. |
|--|--|--|-------------|
| The Standard Wolverine™ and Odorgnome | 1.5" standard pipe | Residential, Passive Vents | 1 lbs. |
| | 2 - 5/16" inside diameter Fits 2" Sch.40 PVC | Residential, Passive Vents | 1.25 lbs. |
| | 3 - 7/16" inside diameter Fits 3" Sch.40 PVC | Residential/Small Commercial Building, Passive Vents | 2 lbs. |
| | 4 - 7/16" inside diameter Fits 4" Sch.40 PVC | Residential/Small Commercial Building, Passive Vents | 2.25 lbs. |
| The Inline Wolverine™ Recommended for areas where extended cold climates can lead to Frost Hoaring (vents freezing shut) | 1 - 7/8" inside diameter Fits 1.5" Sch.40 PVC | Residential, Passive Vents | 1.25 lbs. |
| | 2 - 5/16" inside diameter Fits 2" Sch.40 PVC | Residential, Passive Vents | 1.25 lbs. |
| | 3 - 7/16" inside diameter Fits 3" Sch.40 PVC | Residential/Small Commercial Building, Marine applications Passive Vents | 2 lbs. |
| | 4 - 7/16" inside diameter Fits 4" Sch.40 PVC | Residential/Small Commercial Building, Marine applications Passive Vents | 2 lbs. |
| The Super Wolverine™ | 3 - 7/16" inside diameter Fits 3" Sch.40 PVC | Large Residential/Medium Commercial Building/Light Industrial, Sewer and Wastewater Applications. Passive and low flow vents. | 8 lbs. |
| | 4 - 7/16" inside diameter Fits 4" Sch.40 PVC | Large Residential/Medium Commercial Building/Light Industrial, Sewer and Wastewater Applications. Passive and low flow vents. | 8 lbs. |
| | Fits 6" Sch.40 PVC | Large Residential/Medium Commercial Building/Light Industrial, Sewer and Wastewater Applications. Passive and low flow vents. | 10 lbs. |

Wolverine Brand Family Of Odor Control Products TM

Quick Application Chart Continued

| | | | |
|---|--------------------------------------|--|---------|
| The Mega Wolverine TM | 3 Inch Pipe | Medium to Large Commercial Building/ Medium Industrial Applications, Sewer Wastewater Applications, Passive and low flow vents. | 20 lbs. |
| | 4 Inch Pipe | Medium to Large Commercial Building/ Medium Industrial Applications, Sewer Wastewater Applications, Passive and low flow vents. | 20 lbs. |
| | 6 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications, Passive and low flow vents. | 20 lbs. |
| The Mega "T" TM | 3 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications Passive to medium flow vents. | 20 lbs. |
| | 4 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications Passive to medium flow vents. | 20 lbs. |
| | 6 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications | 20 lbs. |
| | 8 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications Passive to medium flow vents. | 20 lbs. |
| | 10 Inch Pipe | Large Commercial Building/Medium Industrial Applications, Sewer Wastewater Applications Passive to medium flow vents. | 20 lbs. |
| The Wolverine Brand Manhole Odor Filter Insert TM | Customer Supplied Measurements | All Manhole Cover Openings | 20 lbs. |

The Standard Wolverine™

Passive Vent Air Scrubber

The Standard Wolverine™ Passive Vent Air Scrubber

- Primarily used in residential, light industrial and on small commercial buildings, The Standard Wolverine™ utilizes our Sulfursorb catalytic activated carbon and easily mounts on top of existing rooftop or yard based septic vents and installs in minutes with no tools required for standard size vents. It's the perfect Do-It Yourself solution for eliminating annoying septic vent odor. The Standard Wolverine™ comes in sizes for 1.5" through 4" vent pipes.



| The Wolverine® Carbon QTY | |
|---------------------------|---------------|
| Vent pipe size | QTY of Carbon |
| 1.5 inch | 1 LB. |
| 2 inch | 1.25 LB. |
| 3 inch | 2 LB. |
| 4 inch | 2.25 LB. |

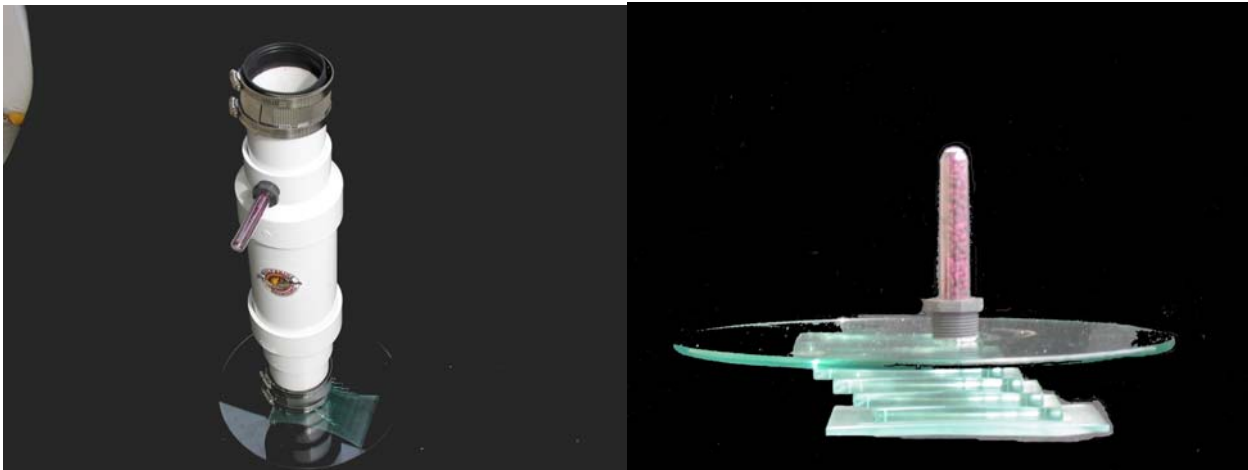
If you are utilizing any of the **Wolverine Brand Vent filters™** on non-standard pipe size a, no hub adaptor will be required to easily mount your filter.

The Inline Wolverine™

Passive and Low Flow Vent Air Scrubber

The Inline Wolverine™

Primarily used in residential and marine holding tank applications, the Inline Wolverine™ installs in the attic, “inline” of the existing rooftop vent pipe or of marine holding tank waste vents in boats. The Inline Wolverine™ comes with an insulated blanket to prevent frosting in extreme cold climates. It is also equipped to accept installation of our unique, Screw In Saturation Indicator. The optional saturation indicator simply changes color to let you know when the carbon in your filter requires replacement. The Inline Wolverine™ DESTROYS the odor or Your Money Back!



| The Inline Wolverine™ Measuring Table for all style vent pipes | |
|--|---------------|
| Vent pipe size | QTY of Carbon |
| 1.5 inch | 1.25 LB. |
| 2 inch | 2 LB. |
| 3 inch | 2 LB. |
| 4 inch | 2 LB. |

The Super Wolverine™

Commercial, Light Industrial, and Municipal Air Scrubber

The Super Wolverine™

The Super Wolverine™ is primarily designed for use in commercial buildings, light to medium industrial applications, and Municipal wastewater applications. The Super Wolverine™ has all the great attributes of our standard size Wolverine™ but includes several important added features to make it the perfect choice for your light to medium industrial and commercial vent system odor.



- Utilizes our "Perforated Disc Carbon Containment System" Pat. Pend.
- Unique Cross Flow Design Pat Pend. dilutes H₂S concentration for longer carbon bed life.
- Comes standard with Sulfursorb Catalytic Activated Carbon.
- Accepts our Unique Saturation Indicator.
- Drain plug for easy carbon bed change out.
- 1 Year Warranty and a 120 Day Money Back Guarantee
- Treats air flows Up to 50 CFM.
- Holds 8 to 10 LB of carbon depending on filter size.

The Wolverine Mega "T"™

Commercial, Industrial, and Municipal Air Scrubber

Wolverine Mega "T"™ Air Scrubber

Primary application is medium to heavy load industrial and municipal vent odor.

This is the largest of member of the Wolverine Brand Family of Odor Control Products™. It offers an astounding 20lbs (10-inch units hold 30 lbs) of Sulfursorb Catalytic Activated carbon per filter and still mounts directly on a plumbing vent making installation as simple as our other vent filter products. This makes The Wolverine Mega "T"™ the perfect choice for your heavy load industrial, municipal and commercial vent system odor. The Wolverine Mega "T"™ is also equipped to accept installation of our unique, Screw In Saturation Indicator. The Wolverine Mega "T"™ is available to fit 3, 4, 6, 8 and 10-inch vent pipes. This makes it one of the largest biofiltration venting devices of its kind on the market today. Of course, The Wolverine Mega "T"™ can also be special ordered in custom sizes to work in almost any vent pipe application.

The Wolverine Mega "T"™ Activated Carbon Vent Filter DECIMATES your toughest vent odor problem or your money back!



- Utilizes our "Perforated Disc Carbon Containment System" Pat. Pend.
- Unique Cross Flow Design Pat Pend. dilutes H₂S concentration for longer carbon bed life.
- Comes standard with Sulfursorb Catalytic Activated Carbon.
- Accepts our Unique Saturation Indicator.
- Drain plug for easy carbon bed change out.
- 1 Year Warranty and a 120 Day Money Back Guarantee
- choice of 3 coupling styles: Socket, Flange, and FIPT mount.
- Treats air flows Up to 75 CFM.

The Mega Wolverine™

Commercial, Industrial, and Municipal Air Scrubber

The **Mega Wolverine™** -Is a cost conscious solution where function and cost is more important than aesthetics.

The **Mega Wolverine™** comes in two styles offering an astounding 20 or 40 lbs of Sulfursorb catalyst activated carbon per filter and still mounts on top of existing plumbing vent stacks making installation simple with no plumbing to run. This is the perfect choice for your large commercial building and medium industrial vent system odor when odor removal and cost control are of equal importance. The Mega Wolverine is available for vent pipes ranging from 3" to 8 inches and has a choice of 3 couplings. FIPT, Socket, and Flange mount at no additional charge.



**40-Pound Mega
Wolverine**



**20-Pound Mega
Wolverine**

- Utilizes our "Perforated Disc Carbon Containment System" Pat. Pend.
- Comes standard with Sulfursorb Catalytic Activated Carbon.
- Accepts our Unique Saturation Indicator
- 1 Year Warranty and a 120 Day Money Back Gaurantee.
- Treats air flows Up to 75 CFM.
- Available in your choice of 3 coupling styles: Flange, Socket and FIPT
- For 3 to 8 inch vent pipes.

The Wolverine Brand Manhole Odor Filter Insert™

Hydrogen Sulfide (H₂S) based odors emanating from wastewater sewer line manhole covers are an extreme nuisance for residential homeowners or users of near-by public facilities or property. The negative publicity and hassle caused by persistent nuisance odor complaints originating from manhole covers are costly in both time and money for cities or industries that own the odor-producing infrastructure.

Simple Solutions Distributing LLC offers a cost effective odor control solution in the form of The Wolverine Brand Manhole Odor Filter Insert. This unique product for solving sewer odor emanating from manhole openings is:



- Compact
- Affordable (COMPETITORS UNITS COST UPWARDS OF \$1000.00!)
- Manufactured from a durable, corrosion proof PVC material that meets ASTM Specification Designation D-1248 Class A, Category 5, Type III and is entirely suitable for atmospheres and conditions commonly found in wastewater collection systems
- Designed to fit the manhole frame rim upon which the manhole cover rests, making completely hidden.
- Utilizes 20 lbs. Of Sulfursorb Catalytic Activated Carbon
- Carries a 1 year Limited warranty**
- Requires no routine maintenance (other than periodic carbon bed change out)
- Carbon bed is easily replaced and does not require removal of the insert from the manhole structure
- Will not interfere with installation or removal of the manhole cover
- Easily installed by a single person with no tools required (With the exception of removing the manhole cover)

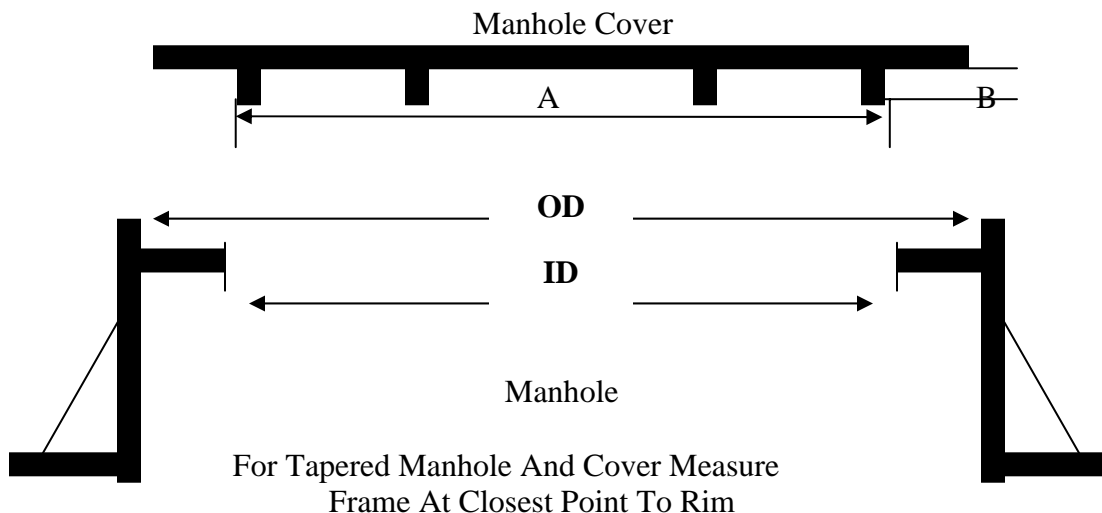
* 1 year limited warranty excludes carbon bed media

The Wolverine Brand Manhole Odor Filter Insert™ IS THE ALL AROUND SOLUTION TO ELIMINATING MANHOLE SEWER ODOR!

The Wolverine Brand Manhole Odor Filter Insert™

Ordering: Every Wolverine Brand Manhole Odor Filter Insert™ is custom made to your exacting dimensions. Because of this, several measurements are required when placing your order. (A Sample of the dimensions that will be needed can be found in the illustration below). Not to worry though. If you don't already know what size manhole opening you have, we can provide you with a convenient measurement form that allows you to record the needed measurements right at the job site where they can be entered later during our easy to use online order process. This ensures that every Wolverine Brand Manhole Odor Filter Insert™ online order is quick and accurate. Or if you prefer, you can download our fax order form and fax your order to our professional staff to receive the same quick, accurate processing.

Note: Simple Solutions Dist. LLC is not responsible for improper fit due to inaccurate measurements provided by the customer at time of order. A signed order/measurement form is required for all manhole odor filter insert orders. For your convenience, an electronic signature form is provided during the online checkout process. For fax orders, a space is provided on the fax order form for an authorized signature.



| Measurement Description: | Actual Measurement: |
|----------------------------|---------------------|
| A= Drop Ring Diameter | A= |
| B= Drop Ring Depth | B= |
| OD= Manhole Frame Diameter | OD= |
| ID= Inside Frame Diameter | ID= |



While these whimsical little gnomes and fairies appear to be ordinary lawn and garden ornaments, they are actually powerful septic vent Biofilters that will totally eliminate odors emanating from your yard based septic vent.

The ODORGNOME ® line of septic vent filters is available in many unique styles and the family of loveable characters and forest creatures is forever growing.

Our ODORGNOME ® line comes with these great attributes:

Rechargeable, 1-Year Warranty and 120-day money back guarantee. They're the fun way to eliminate septic odor while concealing that ugly yard based septic vent pipe and beautifying any landscape.



Sized for 1.5" thru 3" vent pipes Note: for a 4 inch septic vent use a 3-inch odorgnome with a 3 to 4" adaptor.



TROCKS™

Hollow Landscape Rocks

Our line of TROCKS™ artificial, hollow plastic landscape rocks are an easy solution to those unsightly objects ruining the look of your landscape. Use them to hide Pond Skimmers, Low Profile Utilities, UV Sterilizers, Irrigation Valve Box Lids, Well Pipes, Well Heads, Septic Pipes and Septic Risers or as an inexpensive substitute for real rocks anywhere your yard needs beautifying. TROCKS™ hollow plastic landscape rocks are available in 3 sizes from 14-24" and come in 3 colors: Sandstone, Charcoal and White Granite.

Our TROCKS™ boast all of these great features:



- Weather-resistant polyethylene resin
- Fade-resistant
- Natural look and feel
- Light weight
- easy to install and move
- Molded-in weight tray
- Packaged for immediate shipment and merchandising