



## **Wolverine Cub Septic Vent Filter Model WC-4", 3", 2", 1"**

Patent # US 8,273,162 B2

UPC:



**Application:** Septic Vent Filter

**Overall width:** 4.5 Inches

**Overall Height:** 10 Inches

**Installed Height:** 8 Inches

**Fill Port:** Removeable outlet disc

**Inlet Size:** 3" Schedule 40

**Max CFM:** 3 CFM

**Carbon Capacity:** 1 LB

**Carbon Type:** Catalytic

**H<sub>2</sub>S Breakthrough Capacity gH<sub>2</sub>S/cc carbon:** .15 (Min) ASTM D 6646

\* The low apparent density of Darco catalytic carbons means fewer pounds must be purchased to fill the required volume. Since H<sub>2</sub>S removal Capacity is based on bed volume, this results in direct cost savings.

<b><u>Sulfursorb Catalytic Carbon Life Estimates</u></b>				
<b><u>Carbon Life Estimate based on constant flow at 5 PPM H<sub>2</sub>S Concentration</u></b>				
<b>CFM</b>	<b><u>.5 CFM</u></b>	<b><u>1 CFM</u></b>	<b><u>2CFM</u></b>	<b><u>3CFM</u></b>
<b>Carbon Bed Contact Time-Seconds</b>	4.9	2.46	1.23	2.24
<b>Carbon Life Days</b>	1495	787	374	249
<b>Carbon Life Hours</b>	35,897	17,949	8,974	5982
<b><u>Carbon Life Estimate based on constant flow at 10 PPM H<sub>2</sub>S Concentration</u></b>				
<b>CFM</b>	<b><u>.5 CFM</u></b>	<b><u>1 CFM</u></b>	<b><u>2CFM</u></b>	<b><u>3CFM</u></b>
<b>Carbon Bed Contact Time</b>	4.9	2.46	1.23	2.24
<b>Carbon Life Days</b>	748	374	187	125
<b>Carbon Life Hours</b>	17,948	8,974	4,487	2,991
<b><u>Carbon Life Estimate based on constant flow at 20 PPM H<sub>2</sub>S Concentration</u></b>				
<b>CFM</b>	<b><u>.5 CFM</u></b>	<b><u>1 CFM</u></b>	<b><u>2CFM</u></b>	<b><u>3CFM</u></b>
<b>Carbon Bed Contact Time</b>	4.9	2.46	1.23	2.24
<b>374</b>	766.10	187	93.48	62
<b>Carbon Life Hours</b>	89,74	4,487	2,243	1,495

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## Simple Solutions Distributing LLC

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Drawn 11/3/20

By: LJP

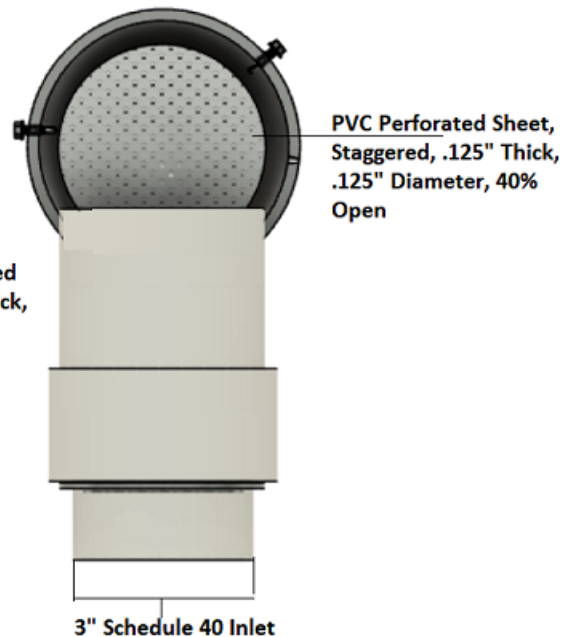
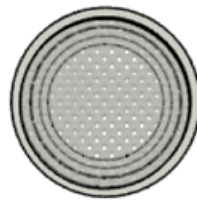
Scale: Not to Scale

Rev. As Built

WC-3 Vent Filter Patent# US 8,273,162 B2



Inlet Screen; PVC Perforated Sheet, Staggered, .125" Thick, .125" Diameter, 40% Open



**Application:** Air relief valve vent filter  
**Material;**

- Main Body: Schedule 30 PVC
- Inlet: Schedule 40, 3 Inch

**Overall width:** 4.5 Inches

**Overall Height:** 10 Inches

**Installed Height:** 8 Inches

**Fillport:** Removeable outlet disc

**Max CFM:** 3 CFM

**Carbon Capacity:** 1 LB

**Carbon Type:** Catalytic

**H2S Breakthrough Capacity gH2S/cc carbon:** .15 (Min) ASTM D 6646

\* The low apparent density of Darco catalytic carbons means fewer pounds must be purchased to fill the required volume. Since H2S removal Capacity is based on bed volume, this results in direct cost savings.