




# Simple Solutions Distributing LLC.

Makers Of **Wolverine Brand** Activated Carbon Filters

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## Data Sheet: Wolverine Inline vent odor filter 4" Part#:WVI-4

	<p>Application: Atmospheric Vents Overall Length: 11.5 Inches Diameter : 5 Inches Inlet size: 4" Socket; ASTM D 2661 Max CFM: 3 CFM Carbon Capacity: 2.8 LBS/.122 cubic feet Carbon Type: Catalytic H2S Breakthrough Capacity gH2S/cc carbon; .15 (Min) ASTM D 6646</p>
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### Sulfursorb Catlytic Carbon Life Estimates

#### Carbon Life Estimate based on constant flow at 5 PPM H2S Concentration

CFM	.5 CFM	1 CFM	2CFM	3CFM	4 CFM	5 CFM	25 CFM
Carbon Bed Contact Time-Seconds	13.44	6.72	3.36	2.24	1.68	1.34	.27
Carbon Life Days	3064.41	1532.20	766.10	510.73	383.05	306.44	61.29
Carbon Life Hours	73545.75	36772.88	18386.44	12257.63	9193.22	7354.58	1470.92

#### Carbon Life Estimate based on constant flow at 10 PPM H2S Concentration

CFM	.5 CFM	1 CFM	2CFM	3CFM	4 CFM	5 CFM	25 CFM
Carbon Bed Contact Time	13.44	6.72	3.36	2.24	1.68	1.34	.27
Carbon Life Days	1532.20	766.10	383.05	255.37	191.53	153.22	30.64
Carbon Life Hours	36772.88	18386.44	9193.22	6128.81	4596.61	3677.29	735.46

#### Carbon Life Estimate based on constant flow at 20 PPM H2S Concentration

CFM	.5 CFM	1 CFM	2CFM	3CFM	4 CFM	5 CFM	25 CFM
Carbon Bed Contact Time	13.44	6.72	3.36	2.24	1.68	1.34	.27
Carbon Life Days	766.10	383.05	191.53	127.68	95.76	76.61	15.32
Carbon Life Hours	18386.44	9163.22	4596.61	3064.41	2298.30	1838.64	367.73

#### Carbon Life Estimate based on constant flow at 30 PPM H2S Concentration

CFM	.5 CFM	1 CFM	2CFM	3CFM	4 CFM	5 CFM	25 CFM
Carbon Bed Contact Time	13.44	6.72	3.36	2.24	1.68	1.34	.27
Carbon Life Days	510.73	255.37	127.68	85.12	63.84	51.07	10.21
Carbon Life Hours	12257.63	6128.81	3064.41	2042.94	1532.20	1225.76	326.87