



Simple Solutions Distributing LLC.

Makers Of *Wolverine Brand* Activated Carbon Filters

Simple Solutions Distributing
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Data Sheet: 50lb pollutions control barrel vent filter Part# PCB-50



Application: Atmospheric Vents/Low Flow Vents.

Overall Length: 17 Inches

Overall Height: 22Inches

Standard Inlet sizes: 3" Male Pipe

Max recommended CFM: 50CFM

Carbon Capacity: 50LBS/2 cubic feet *

Carbon Type: Catalytic

H2S Breakthrough Capacity gH2S/cc carbon; .15 (Min)

ASTM D 6646

* The low apparent density of 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.

Sulfursorb Catalytic Carbon Life Estimates

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

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time-Seconds	120	24	12	6	4	2.4	1.6
Carbon Life Days	13680.39	2736.08	1368.04	684.02	456.01	273.61	182.41
Carbon Life Hours	328329.25	65665.85	32832.92	16416.46	10944.31	6566.58	4377.72

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

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	120	24	12	6	4	2.4	1.6
Carbon Life Days	6840.19	1368.04	684.02	342.01	228.01	136.80	91.20
Carbon Life Hours	164164.62	32832.92	16416.46	8208.23	5472.15	3283.29	2188.86

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

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	120	24	12	6	4	2.4	1.6
Carbon Life Days	4560.13	912.03	456.01	228.01	152	91.2	60.80
Carbon Life Hours	109443.08	21888.62	10944.31	5472.15	3648.10	2188.86	1459.24

Carbon Life Estimate based on constant flow at 50 PPM H2S Concentration

CFM	1CFM	5CFM	10CFM	20CFM	30CFM	50CFM	75 CFM
Carbon Bed Contact Time	120	24	12	6	4	2.4	1.6
Carbon Life Days	2736.08	547.22	273.61	136.80	121.60	72.96	48.64
Carbon Life Hours	65665.85	13133.17	6566.58	3283.29	2918.48	1751.09	1167.39