



Simple Solutions Distributing LLC.

Makers Of *Wolverine Brand* Activated Carbon Filters

Simple Solutions Distributing
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Data Sheet: 40lb Mega barrel vent odor filter Part# MEGA40



Application: Atmospheric Vents/Low Flow Vents.

Overall Length: 19 Inches

Overall Height: 36 Inches

Installed Height: 30Inches

Standard Inlet sizes: 8" Slip Socket;

Max recommended CFM: 30CFM

Carbon Capacity: 40LBS/1.6 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	40CFM	50CFM
Carbon Bed Contact Time-Seconds	96	19.2	9.6	4.8	3.2	2.4	1.92
Carbon Life Days	10944.31	2188.86	1094.43	547.22	364.81	273.61	218.89
Carbon Life Hours	262663.40	52532.68	26266.34	13133.17	8755.55	6566.58	5253.27
Carbon Life Estimate based on constant flow at 20 PPM H2S Concentration							
CFM	1CFM	5CFM	10CFM	20CFM	30CFM	40CFM	50CFM
Carbon Bed Contact Time	96	19.2	9.6	4.8	3.2	2.4	1.92
Carbon Life Days	5472.15	1094.43	547.22	273.61	182.41	136.80	109.44
Carbon Life Hours	131331.70	26266.34	13133.17	6566.58	4377.72	3283.29	2626.63
Carbon Life Estimate based on constant flow at 30 PPM H2S Concentration							
CFM	1CFM	5CFM	10CFM	20CFM	30CFM	40CFM	50CFM
Carbon Bed Contact Time	96	19.2	9.6	4.8	3.2	2.4	1.92
Carbon Life Days	3648.10	729.62	364.81	182.41	121.6	91.20	72.96
Carbon Life Hours	87554.47	17510.89	8755.45	4377.72	2918.48	2188.86	1751.09
Carbon Life Estimate based on constant flow at 50 PPM H2S Concentration							
CFM	1CFM	5CFM	10CFM	20CFM	30CFM	40CFM	50CFM
Carbon Bed Contact Time	96	19.2	9.6	4.8	3.2	2.4	1.92
Carbon Life Days	2188.86	437.77	218.89	109.44	72.96	54.72	43.78
Carbon Life Hours	52532.68	10506.54	5253.27	2626.63	1751.09	1313.32	1050.65