



Simple Solutions Distributing LLC.

Makers Of **Wolverine Brand** Activated Carbon Filters

Simple Solutions Distributing
6 Jacobs Rd.
West Milford, NJ 07480

1-866-No-Stink (1-866-667-8465-Outside NJ)
1-973-846-7817 (inside NJ and Outside of the US)
E-Mail SimpleSolution1@optonline.net

Data Sheet: 150 LB Pollution Control Barrel

Part# 150PCB(epoxy coated steel) 150PCBHDPE (HDPE Barrel)



Outside Diameter: 24 Inches
Overall Height: 35 Inches
Inlet: 4 Inch FIPT
Outlet: 4 Inch FIPT
Drain: 3/8 Petcock
Material: Epoxy coated steel or HDPE
Max CFM: 100
Maximum pressure: 10 PSI
Maximum Design Temperature: 140 F
Flow Direction: Up flow
Carbon Capacity: 150 LBS/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	5CFM	10CFM	20CFM	40CFM	60CFM	80CFM	100CFM
Carbon Bed Contact Time-Seconds	72	36	18	9	6	4.5	3.6
Carbon Life Days	8208.23	4104.12	2052.06	1026.03	684.02	513.01	410.41
Carbon Life Hours	196997.6	98498.8	49249.9	24624.7	16416.46	12312.35	9849.88
Carbon Life Estimate based on constant flow at 20 PPM H2S Concentration							
CFM	5CFM	10CFM	20CFM	40CFM	60CFM	80CFM	100CFM
Carbon Bed Contact Time	72	36	18	9	6	4.5	3.6
Carbon Life Days	4104.12	2052.06	1026.03	684.02	513.01	256.51	205.21
Carbon Life Hours	98498.77	49249.4	24624.7	16416.5	12312.35	6156.17	4924.94
Carbon Life Estimate based on constant flow at 30 PPM H2S Concentration							
CFM	5CFM	10CFM	20CFM	40CFM	60CFM	80CFM	100CFM
Carbon Bed Contact Time	72	36	18	9	6	4.5	3.6
Carbon Life Days	2736.08	1368.04	684.02	456.01	228.01	171.00	136.80
Carbon Life Hours	65665.85	32832.9	16416.5	10944.3	5472.15	4104.12	3283.29
Carbon Life Estimate based on constant flow at 50 PPM H2S Concentration							
CFM	5CFM	10CFM	20CFM	40CFM	60CFM	80CFM	100CFM
Carbon Bed Contact Time	72	36	18	9	6	4.5	3.6
Carbon Life Days	1641.65	820.82	547.22	205.21	136.80	102.60	82.08
Carbon Life Hours	39399.51	19699.75	13133.17	4924.94	3283.29	2462.47	1969.98