



120 E. 15th Avenue
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Data Sheet: 150 LB Pollution Control Barrel twin 6" outlets

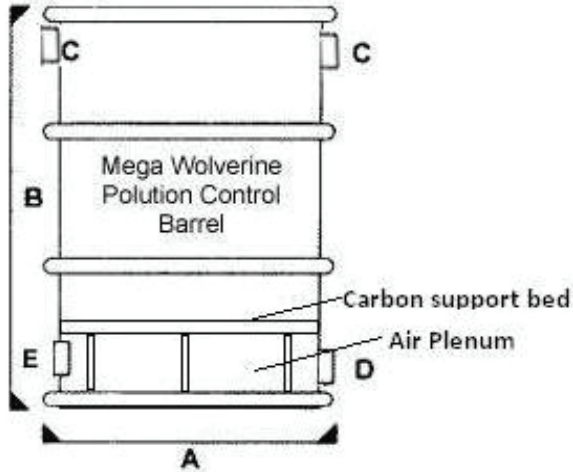
Part# 150PCB(epoxy coated steel) 150PCBHDPE (HDPE Barrel)



Outside Diameter: 24 Inches
Overall Height: 35 Inches
Inlet: 6 Inch Male Pipe
Outlet: 2/6 Inch Male Pipes
Drain: Optional
Material: HDPE
Max CFM: 150
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.

Darco Catalytic Carbon Life Estimates							
Carbon Life Estimate based on constant flow at 10 PPM H2S Concentration							
CFM	<u>5CFM</u>	<u>10CFM</u>	<u>20CFM</u>	<u>40CFM</u>	<u>60CFM</u>	<u>80CFM</u>	<u>100CFM</u>
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	<u>5CFM</u>	<u>10CFM</u>	<u>20CFM</u>	<u>40CFM</u>	<u>60CFM</u>	<u>80CFM</u>	<u>100CFM</u>
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	<u>5CFM</u>	<u>10CFM</u>	<u>20CFM</u>	<u>40CFM</u>	<u>60CFM</u>	<u>80CFM</u>	<u>100CFM</u>
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	<u>5CFM</u>	<u>10CFM</u>	<u>20CFM</u>	<u>40CFM</u>	<u>60CFM</u>	<u>80CFM</u>	<u>100CFM</u>
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

Drawn 4/3/07	By: LJP	Scale: Not to Scale	Rev. As Built
Wolverine Brand Pollution Control Barrel -6" dual outlet			
			
<i>Specifications</i>			
A= Diameter, Outside:		A= 24"	
B= Height, Outside Wall:		B= 35"	
D= Inlet Fitting:		D= 6"MP	
C= Outlet Fitting:		C=6"MP	
E= Drain Fitting: (optional item)		E= Optional	
Carbon Weight:, Impregnated Carbon (KOH) Lbs.:		200	
Carbon Weight Non Imprenated Carbons: Lbs.		150	
Max. Recommended Flow Rate, CFM:		150	
Maximum Pressure, psig:		10	
Max. design Temp., Deg F:		140	
Flow Direction:		Upflow	
Shipping Weight		200LB	



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