



Clean Air Filter // Quality Tested. Performance Proven.

2203 HWY 59 Po Box 212 Defiance, IA 51527  
712 748 3642 cleanairfilter.com

**Filtration Efficiency Testing Report for:**

**Gray Box  
CAF47R**

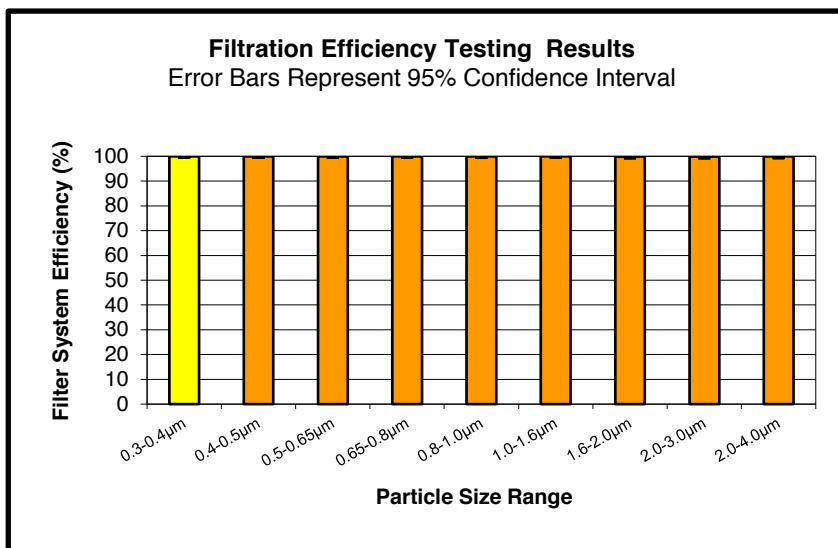
Clean Air Filter  
212 Main Avenue  
Defiance, Iowa 51527

Date **11/13/2008**  
CAF Staff Spike  
Ernie  
MC

**TEST A - DIFFERENTIAL COUNT RESULTS (negative values removed)**

Outside GRIMM Serial# 701 - B  
Inside GRIMM Serial# 601 - A  
Test Started: 10:30  
Test Ended: 10:49

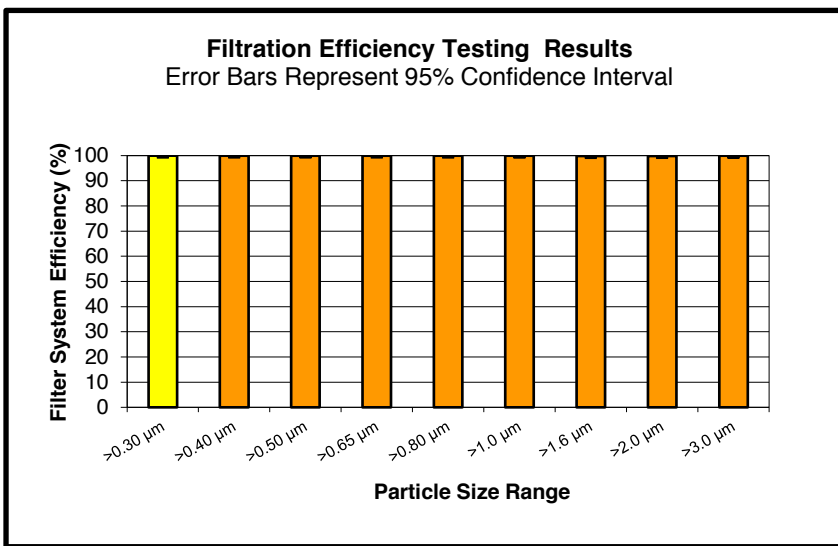
Particle Size Range	Mean Efficiency (%)	95% Confidence Interval	
		Minimum (%)	Maximum (%)
0.3-0.4µm	99.981	99.979	99.983
0.4-0.5µm	99.991	99.989	99.993
0.5-0.65µm	99.996	99.993	99.998
0.65-0.8µm	99.999	99.996	100.000
0.8-1.0µm	99.993	99.980	100.000
1.0-1.6µm	100.000	#NUM!	#NUM!
1.6-2.0µm	99.891	99.678	100.000
2.0-3.0µm	99.890	99.675	100.000
2.0-4.0µm	99.919	99.759	100.000



**TEST A - CUMULATIVE COUNT RESULTS (negative values removed)**

Outside GRIMM Serial# 701 - B  
Inside GRIMM Serial# 601 - A  
Test Started: 10:30  
Test Ended: 10:49

Particle Size Range	Mean Efficiency (%)	95% Confidence Interval	
		Minimum (%)	Maximum (%)
>0.30 µm	99.985	99.983	99.986
>0.40 µm	99.993	99.991	99.994
>0.50 µm	99.996	99.994	99.998
>0.65 µm	99.997	99.993	100.000
>0.80 µm	99.990	99.975	100.000
>1.0 µm	99.977	99.933	100.000
>1.6 µm	99.898	99.698	100.000
>2.0 µm	99.902	99.710	100.000
>3.0 µm	99.919	99.761	100.000



Comments: Temp 74.4; humidity 44.9; Volt 9.1; CFM 50.5