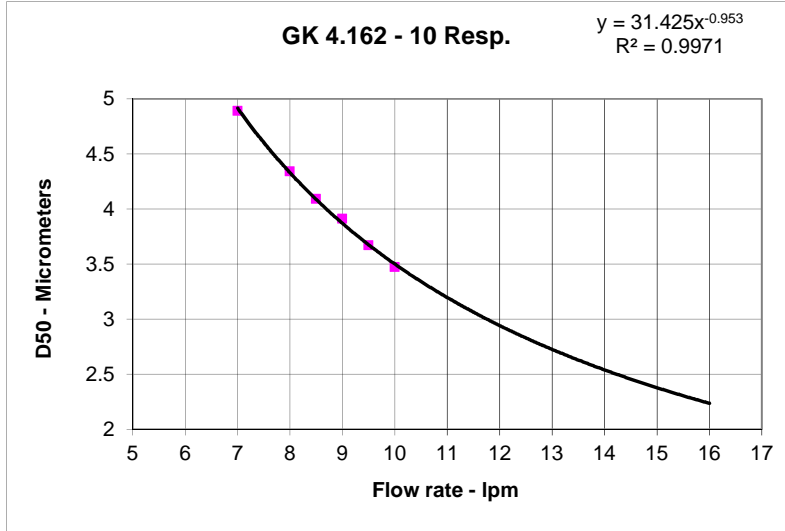


**GK 4.162 Respirable Cyclone**

Q-lpm	D50
7.0	4.89
8.0	4.34
8.5	4.09
9.0	3.91
9.5	3.67
10.0	3.47

Work Area  
 Enter in **RED**  
 Answer in **BLUE**  
 Q-lpm **8.5** DP **4.08**



GK 4.162  
 23-Aug-11 Operator: rg  
 GK 4.162 with Empty 47 mm Cassette

Qs corrected to: BP=760 mm of Hg, T= 20 C  
 Room BP: 758.8 mm of Hg  
 RoomTemp: 21.1 C

Critical Venturi Number	Reading		Qs Lpm	DP DUT Cm of H2O	DP DUT hPa
	Abs. P Crit. Vent. mm of Hg	Temp. Crit. Vent. C			
# 1A	141.95	20.9	1021.559	1.300	1.275
	182.5	20.9	1321.326	2.000	1.961
	243.7	20.9	1773.749	3.700	3.628
	295.2	21	2155.197	5.400	5.296
	355.4	21	2600.378	7.800	7.649

Work Area  
 Enter in **RED**  
 Answer in **BLUE**  
 Q-lpm **10** DP **4.021**

