

ENVIRONMENTAL TECHNOLOGIES, INC.
 LINEAR AVERAGING PROBE
 PERFORMANCE DATA

UNIT/PROBE SIZE	SENSING AREA (ft ²)	Fc	1.0" DELTA P
4	0.0873	276	276
5	0.1364	431	431
6	0.1963	620	620
8	0.3491	1104	1104
10	0.5157	1631	1631
12	0.6893	2180	2180
14	0.8624	2728	2728
16	1.037	3280	3280
18	1.214	3840	3840
20	1.465	4634	4634
24	1.833	5797	5797

AIRFLOW CALCULATION

DELTA P = (CFM/Fc)²

EXAMPLE==>FIND DIFFERENTIAL PRESSURE ON SIZE 4 @ 200 CFM

DELTA P = (CFM/Fc)² = (200/276)² = .525" W.G.

MODELS--SSD, SDD, VVF, CVF, CVFQ