



CFM & SP Larger than 14"

CHART 1			
CFM requirements at specified velocity			
Dia	3500FPM	4000FPM	4500FPM
16"	4900	5600	6300
18"	6200	7100	8000
20"	7700	8700	9900
22"	9400	10600	12000
24"	11000	12800	14100
26"	13000	14900	16800
28"	15000	17100	19300
30"	17200	19800	22100

CHART 2			
Static Pressure based on 100' of pipe			
Dia	3500FPM	4000FPM	4500FPM
16"	0.60	0.75	0.90
18"	0.325	0.40	0.50
20"	0.19	0.25	0.30
22"	0.12	0.15	0.19
24"	0.08	0.10	0.12
26"	0.05	0.065	0.08
28"	0.035	0.045	0.055
30"	0.026	0.0325	0.04

Elbow to Straight Conversion		
Dia	90° Elbow 1.5 Dia. Radius	90° Elbow 1.5 Dia. Radius
16"	36'	18'
18"	41'	20.5'
20"	46'	23'
22"	54'*	27'*
24"	57'	28.5'
*estimated		