

CFM Per 2 and 3 inch Duct Runs

Technical Data Sheet

CFM per 2" Outlet	
CFM	Length of 2" Duct (feet)
41	12
40.3	13
39.6	14
38.9	15
38.2	16
37.5	17
36.9	18
36.2	19
35.5	20
34.8	21
34.1	22
33.5	23
32.8	24
32.1	25
31.4	26
30.7	27
30	28
29.3	29
28.7	30
28	31
27.3	32
26.6	33
25.9	34
25.2	35
24.5	36
23.8	37
23.1	38
22.4	39
21.7	40

CFM per 3" Outlet	
CFM	Length of 3" Duct (feet)
82.5	12
81.5	13
80.6	14
79.6	15
78.6	16
77.7	17
76.7	18
75.8	19
74.8	20
73.8	21
72.9	22
71.9	23
71.0	24
70.0	25
69.0	26
68.1	27
67.1	28
66.2	29
65.2	30
64.2	31
63.3	32
62.3	33
61.4	34
60.4	35
59.4	36
58.5	37
57.5	38
56.6	39
55.6	40
54.6	41
53.7	42
52.7	43
51.8	44
50.8	45
49.8	46
48.9	47
47.9	48
47.0	49
46	50

CFM per 2" Outlet	
CFM	Length of 3" Duct w/ 8' of 2"Duct
42.5	12
42.3	13
41.9	14
41.7	15
41.5	16
41.0	17
40.6	18
40.1	19
39.3	20
38.4	21
37.7	22
37.1	23
36.7	24
36.0	25
35.6	26
35.3	27
34.9	28
34.7	29
34.3	30
34.0	31
33.6	32
33.2	33
32.9	34
32.7	35
32.5	36
32.3	37
32.1	38
31.9	39
31.6	40
31.4	41
31.2	42
31.0	43
30.8	44
30.5	45
30.3	46
30.1	47
29.9	48
29.7	49
29.5	50

Notes:

2" system rated at 1.8" ESP with 8 runs per ton.

3" system rated at 1.5" ESP with 6 runs per ton.

Combination system is a 3" system with 8' lengths of 2" duct added to each 3" run.

A Combination system requires the addition of 1 per every 3, 2" run used.

Example:

A 3 ton system uses 18, 3" flex runs. If 6 of the runs are reduced to 2", 2 more runs must be added to the system. The new system will have 20 runs.