



# FABRIC DUCTING DIAMETER vs CFM vs FPM



Fabric Duct Systems, Inc.



Duct Diameters at Inlet Velocity

CFM	1100	1350	1500	1650	1800
290	7.0	6.3	6.0	5.7	5.4
525	9.4	8.4	8.0	7.6	7.3
825	11.7	10.6	10.0	9.6	9.2
1,175	14.0	12.6	12.0	11.4	10.9
1,600	16.3	14.7	14.0	13.3	12.8
2,100	18.7	16.9	16.0	15.3	14.6
2,650	21.0	19.0	18.0	17.2	16.4
3,275	23.4	21.1	20.0	19.1	18.3
3,975	25.7	23.2	22.0	21.0	20.1
4,700	28.0	25.3	24.0	22.9	21.9
5,550	30.4	27.5	26.0	24.8	23.8
6,400	32.7	29.5	28.0	26.7	25.5
7,350	35.0	31.6	30.0	28.6	27.4
8,400	37.4	33.8	32.0	30.6	29.3
9,450	39.7	35.8	34.0	32.4	31.0
10,600	42.0	37.9	36.0	34.3	32.9
11,800	44.3	40.0	38.0	36.2	34.7
13,100	46.7	42.2	40.0	38.2	36.5
14,400	49.0	44.2	42.0	40.0	38.3
15,850	51.4	46.4	44.0	42.0	40.2
17,300	53.7	48.5	46.0	43.8	42.0
18,850	56.1	50.6	48.0	45.8	43.8
20,450	58.4	52.7	50.0	47.7	45.6
22,100	60.7	54.8	52.0	49.6	47.4
23,900	63.1	57.0	54.0	51.5	49.3
25,700	65.4	59.1	56.0	53.4	51.2
27,500	67.7	61.1	58.0	55.3	52.9
29,500	70.1	63.3	60.0	57.3	54.8
31,400	72.3	65.3	62.0	59.1	56.6
33,500	74.7	67.5	64.0	61.0	58.4
35,600	77.0	69.5	66.0	62.9	60.2
37,850	79.4	71.7	68.0	64.9	62.1
40,100	81.8	73.8	70.0	66.8	63.9
42,400	84.1	75.9	72.0	68.6	65.7
44,800	86.4	78.0	74.0	70.6	67.6
47,300	88.8	80.1	76.0	72.5	69.4
49,800	91.1	82.2	78.0	74.4	71.2
52,400	93.5	84.4	80.0	76.3	73.1
55,000	95.7	86.4	82.0	78.2	74.8
57,700	98.1	88.5	84.0	80.1	76.7
60,500	100.4	90.6	86.0	82.0	78.5
63,400	102.8	92.8	88.0	83.9	80.4
66,200	105.0	94.8	90.0	85.8	82.1
69,300	107.5	97.0	92.0	87.8	84.0
72,300	109.8	99.1	94.0	89.6	85.8
75,400	112.1	101.2	96.0	91.5	87.6
78,500	114.4	103.3	98.0	93.4	89.4

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