

MODELS: 45F / 45R-SS

Nominal Duct Size (inches)	Nominal Duct Area (Sq. Ft.)	Core Area (Sq. Ft.)	Duct Velocity Velocity Pressure ½ x ½ x ½ Neg. Ps.	200	250	300	350	400	450	500	550	600	650
				0.002	0.004	0.006	0.008	0.010	0.013	0.016	0.019	0.022	0.026
				0.016	0.025	0.037	0.05	0.065	0.082	0.102	0.123	0.146	0.172
6 x 6	0.25	0.19	Airflow, cfm	50	63	75	88	100	113	125	138	150	163
			NC	-	-	15	19	22	26	28	31	33	35
8 x 8	0.44	0.34	Airflow, cfm	89	111	133	156	178	200	222	244	267	289
			NC	-	-	15	19	23	26	29	32	34	36
10 x 10	0.69	0.53	Airflow, cfm	139	174	208	243	278	313	347	382	417	451
			NC	-	-	16	20	24	27	30	33	35	37
12 x 12	1.00	0.76	Airflow, cfm	200	250	300	350	400	450	500	550	600	650
			NC	-	-	17	21	25	28	31	34	36	38
14 x 14	1.36	1.03	Airflow, cfm	272	340	408	476	544	613	681	749	817	885
			NC	-	-	17	22	26	29	32	35	38	40
10 x 22	1.53	1.16	Airflow, cfm	306	382	458	535	611	688	764	840	917	993
			NC	-	-	18	22	26	30	33	36	38	41
16 x 16	1.78	1.35	Airflow, cfm	356	444	533	622	711	800	889	978	1067	1156
			NC	-	-	18	23	27	30	34	36	39	41
18 x 18	2.25	1.71	Airflow, cfm	450	563	675	788	900	1013	1125	1238	1350	1463
			NC	-	-	19	24	28	32	35	38	41	43
20 x 20	2.78	2.11	Airflow, cfm	556	694	833	972	1111	1250	1389	1528	1667	1806
			NC	-	15	20	25	29	33	36	39	42	45
22 x 22	3.36	2.55	Airflow, cfm	672	840	1008	1176	1344	1513	1681	1849	2017	2185
			NC	-	16	22	27	31	34	38	41	43	46
30 x 18	3.75	2.85	Airflow, cfm	750	938	1125	1313	1500	1688	1875	2063	2250	2438
			NC	-	17	23	27	32	35	39	42	44	47
36 x 20	5.00	3.80	Airflow, cfm	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250
			NC	-	20	25	30	34	38	41	44	46	49
42 x 20	5.83	4.43	Airflow, cfm	1167	1458	1750	2042	2333	2625	2917	3208	3500	3792
			NC	16	22	27	32	35	39	42	44	47	49
30 x 30	6.25	4.75	Airflow, cfm	1250	1563	1875	2188	2500	2813	3125	3438	3750	4063
			NC	18	24	28	33	36	39	42	45	47	49
46 x 22	7.03	5.34	Airflow, cfm	1406	1757	2108	2460	2811	3163	3514	3865	4217	4568
			NC	21	26	30	34	37	40	42	45	47	49

AVAILABLE SIZES (D" X D")

TYPE 1 SURFACE MOUNT FRAME				
NOMINAL SIZE	10 x 10	22 X 10	22 X 22	46 X 22

TYPE 3 LAY-IN FRAME	MODULE SIZE				
	12 X 12	24 X 12	24 X 24	48 X 24	
NOMINAL SIZE(S)	10 X 10		10 X 10	10 X 10	
		10 X 10		22 X 10	
		22 X 10	22 X 10	22 X 22	
			22 X 22	46 X 22	