PERFORMANCE DATA

10, 10FF

Core Area (sq. ft.)	Nominal Size				Core Velocity (fpm) / Velocity Pressure (in. w.g.) / Neg. Static Pressure (in. w.g.)	200 0.002 0.019	300 0.006 0.043	400 0.010 0.076	500 0.016 0.118	NC20 600 0.022 0.171	700 0.031 0.232	NC30 800 0.040 0.303	900 0.050 0.384	1000 0.062 0.474
0.15	6 x 5				Flow Rate (cfm)	30	45	60	75	90	105	120	135	150
	7 x 4				Sound (NC)	-	-	-	20	25	29	33	36	39
0.18	6 x 6	7 x 5			Flow Rate (cfm)	36	54	72	90	108	126	144	162	180
	8 x 4				Sound (NC)	-	-	-	20	25	29	33	36	39
0.22	7 x 6				Flow Rate (cfm)	44	66	88	110	132	154	176	198	220
	10 x 4				Sound (NC)	-	-	-	20	25	29	33	36	39
0.26	8 x 6	10 x 5			Flow Rate (cfm)	52	78	104	130	156	182	208	234	260
	12 x 4				Sound (NC)	-	-	-	20	25	29	33	36	39
0.30	14 x 4				Flow Rate (cfm)	60	90	120	150	180	210	240	270	300
					Sound (NC)	-	-	-	20	25	29	33	36	39
0.34	10 x 6	12 x 5			Flow Rate (cfm)	68	102	136	170	204	238	272	306	340
	16 x 4				Sound (NC)	-	-	-	20	25	29	33	36	39
0.39	8 x 8	12 x 6			Flow Rate (cfm)	78	117	156	195	234	273	312	351	390
	14 x 5	18 x 4			Sound (NC)	-	-	-	20	25	29	33	36	39
0.46	20 x 4	14 x 6			Flow Rate (cfm)	92	138	184	230	276	322	368	414	460
	16 x 5	10 x 8			Sound (NC)	-	-	-	20	25	29	33	36	39
0.52	24 x 4	16 x 6			Flow Rate (cfm)	104	156	208	260	312	364	416	468	520
	18 x 5				Sound (NC)	-	-	-	20	25	29	33	36	39
0.60	28 x 4	18 x 6	10 x 10		Flow Rate (cfm)	120	180	240	300	360	420	480	540	600
	20 x 5	12 x 8			Sound (NC)	-	-	-	20	25	29	33	36	39
0.69	30 x 4	20 x 6	12 x 10		Flow Rate (cfm)	138	207	276	345	414	483	552	621	690
	24 x 5	14 x 8			Sound (NC)	-	-	-	20	25	29	33	36	39
0.81	36 x 4	22 x 6	14 x 10		Flow Rate (cfm)	162	243	324	405	486	567	648	729	810
	28 x 5	16 x 8			Sound (NC)	-	-	-	20	25	29	33	36	39
0.90	40 x 4	26 x 6	16 x 10		Flow Rate (cfm)	180	270	360	450	540	630	720	810	900
	30 x 5	18 x 8	12 x 12		Sound (NC)	-	-	-	20	25	29	33	36	39
1.07	48 x 4	30 x 6	14 x 12		Flow Rate (cfm)	214	321	428	535	642	749	856	963	1070
	36 x 5	18 x 10			Sound (NC)	-	-	-	20	25	29	33	36	39
1.18	34 x 6	20 x 10	14 x 14		Flow Rate (cfm)	236	354	472	590	708	826	944	1062	1180
	24 x 8	16 x 12			Sound (NC)	-	-	-	20	25	29	33	36	39
1.34	60 x 4	36 x 6	16 x 14		Flow Rate (cfm)	268	402	536	670	804	938	1072	1206	1340
	48 x 5	18 x 12			Sound (NC)	-	-	-	20	25	29	33	36	39
1.60	72 x 4	24 x 10	18 x 14		Flow Rate (cfm)	320	480	640	800	960	1120	1280	1440	1600
	30 x 8	22 x 12	16 x 16		Sound (NC)	-	-	-	20	25	29	33	36	39
1.80	60 x 5	36 x 8	24 x 12	18 x 16	Flow Rate (cfm)	360	540	720	900	1080	1260	1440	1620	1800
	48 x 6	30 x 10	20 x 14		Sound (NC)	-	-	-	20	25	29	33	36	39
2.08	72 x 5	40 x 8	30 x 12	20 x 16	Flow Rate (cfm)	416	624	832	1040	1248	1456	1664	1872	2080
	60 x 6	36 x 10	24 x 14	18 x 18	Sound (NC)	-	-	-	20	25	29	33	36	39
2.45	72 x 6	32 x 12	24 x 16		Flow Rate (cfm)	490	735	980	1225	1470	1715	1960	2205	2450
	48 x 8	26 x 14	20 x 18		Sound (NC)	-	-	-	20	25	29	33	36	39
2.78	36 x 12	26 x 16	22 x 20		Flow Rate (cfm)	556	834	1112	1390	1668	1946	2224	2502	2780
	30 x 14	24 x 18			Sound (NC)	-	-	-	20	25	29	33	36	39
3.11	60 x 8	40 x 12	30 x 16	24 x 20	Flow Rate (cfm)	622	933	1244	1555	1866	2177	2488	2799	3110
	48 x 10	36 x 14	26 x 18		Sound (NC)	-	-	-	20	25	29	33	36	39
3.61	72 x 8	48 x 12	30 x 18		Flow Rate (cfm)	722	1083	1444	1805	2166	2527	2888	3249	3610
	60 x 10	36 x 16	24 x 24		Sound (NC)	-	-	-	20	25	29	33	36	39
4.29	48 x 14	32 x 20			Flow Rate (cfm)	858	1287	1716	2145	2574	3003	3432	3861	4290
	36 x 18	28 x 24			Sound (NC)	-	-	-	20	25	29	33	36	39
4.65	72 x 10	36 x 20			Flow Rate (cfm)	930	1395	1860	2325	2790	3255	3720	4185	4650
	48 x 16	30 x 24			Sound (NC)	-	-	-	20	25	29	33	36	39
5.58	72 x 12	48 x 18			Flow Rate (cfm)	1116	1674	2232	2790	3348	3906	4468	5022	5580
	60 x 14	36 x 24			Sound (NC)	-	-	-	20	25	29	33	36	39
6.25	72 x 14	48 x 20			Flow Rate (cfm)	1250	1875	2500	3125	3750	4375	5000	5625	6250
	60 x 16	30 x 30			Sound (NC)	-	-	-	20	25	29	33	36	39

Performance Notes

1. Tested in accordance with ASHRAE Standard 70-2006 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow is in cfm.
3. All pressures are in in. w.g. s.p. = Static Pressure.
4. NC values are based on room absorption of 10 dB re 10^{-12} Watts and one grille. Blanks (-) indicate an NC level below 15.
5. Does not include effects of ceiling radiation damper (10-FR, 10FF-FR).