3/16"Ø Holes on ¼" Staggered Centers (51% Free Area)

Nominal Size		Nom Duct FT^2	Core Area FT^2	Core Vel, FPM	400	500	600	700	800	900	1000	1200
W Width	H Height			Ps	-.03	-.05	-.07	-.10	-.13	-.17	-.21	-.30
6	6	.25	.16	CFM	60	80	90	110	130	140	160	190
				NC	<20	<20	<20	<20	<20	22	25	30
8	6	.33	.22	CFM	90	110	130	160	180	200	220	270
				NC	<20	<20	<20	<20	20	24	26	31
8	8	.44	.32	CFM	130	160	190	220	250	280	320	380
				NC	<20	<20	<20	<20	22	25	28	33
12	6	.50	.35	CFM	140	180	210	250	280	320	350	430
				NC	<20	<20	<20	<20	22	26	28	33
10	10	.69	.53	CFM	210	270	320	370	430	480	530	640
				NC	<20	<20	<20	20	24	27	30	35
14	8	.78	.60	CFM	240	300	360	420	480	540	600	720
				NC	<20	<20	<20	21	25	28	31	36
16	8	.89	.69	CFM	280	350	410	480	550	620	690	830
				NC	<20	<20	<20	22	25	28	31	36
12	12	1.00	.80	CFM	320	400	480	560	640	720	800	960
				NC	<20	<20	<20	22	26	29	32	37
20	8	1.11	.88	CFM	350	440	530	620	700	790	880	1050
				NC	<20	<20	<20	23	26	30	32	37
18	10	1.25	1.02	CFM	410	510	610	710	810	920	1020	1220
				NC	<20	<20	<20	23	27	30	33	38
14	14	1.36	1.13	CFM	450	560	680	790	900	1020	1130	1350
				NC	<20	<20	20	24	27	31	34	39
24	10	1.67	1.38	CFM	550	690	830	970	1110	1240	1380	1660
				NC	<20	<20	20	25	28	32	34	39
16	16	1.78	1.51	CFM	600	760	910	1060	1210	1360	1510	1810
				NC	<20	<20	21	25	29	32	35	40
24	12	2.00	1.70	CFM	680	850	1020	1190	1360	1530	1700	2040
				NC	<20	<20	21	26	29	32	35	40
22	16	2.44	2.13	CFM	850	1060	1280	1490	1700	1910	2130	2550
				NC	<20	<20	22	26	30	33	36	41
20	20	2.78	2.44	CFM	980	1220	1460	1710	1950	2200	2440	2930
				NC	<20	<20	23	27	31	34	37	42
22	22	3.36	2.99	CFM	1200	1500	1790	2090	2390	2690	2990	3590
				NC	<20	<20	24	28	32	35	38	43
24	24	4.00	3.59	CFM	1440	1800	2160	2520	2880	3230	3590	4310
				NC	<20	20	25	29	32	36	39	44

Notes:
- Nominal size represents duct size. For lay-in applications, use neck size to determine data, not module size.

Test Standard
- ANSI / ASHRAE Standard 70

Sound Levels
- NC is noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10^{-12} watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands

Pressure
- Ps represents static pressure requirement for the grille ONLY. Add the pressure drop of the filter selected to determine the pressure drop for the assembly
- Total pressure can be calculated as Pt = Ps + Pv
- All pressures are inches w.g.
- To determine data for other sizes not shown, calculate Core Area as (Nom Width -1.25) x (Nom Height - 1.25) / 144. Find Core Area in table closest to calculated core area and find CFM value in that row to determine pressure and NC.