

SINGLE DEFLECTION GRILLE

FIXED HORIZONTAL BLADES AT 45° DEFLECTION

1.5 Air flow data

Listed size in mm x mm	Face Vel.	300	400	500	600	700	800	900	1000
	P _s (Pa)	8.92	15.98	24.91	36.09	48.74	63.74	81.69	99.64
250 x 100 / 200 x 125 150 x 150	L/s	28	38	47	57	66	76	85	94
	NC	< 15	<15	24	27	31	35	39	45
200 x 150 / 250 x 125 300 x 100	L/s	38	51	64	76	89	102	115	127
	NC	< 15	15	23	27	29	35	40	46
250 x 150 / 300 x 125 400 x 100	L/s	48	64	80	96	112	128	144	160
	NC	< 15	<15	22	27	29	36	40	44
300 x 150 / 350 x 125 450 x 100	L/s	57	76	94	113	132	151	170	189
	NC	< 15	<15	24	28	29	34	41	46
250 x 200 / 350 x 150 400 x 125 / 500 x 100	L/s	67	89	111	133	155	177	200	222
	NC	< 15	15	24	26	31	35	39	45
250 x 250 / 300 x 200 / 400 x 150 500 x 125 / 600 x 100	L/s	76	102	127	153	178	204	229	255
	NC	< 15	<15	22	27	29	34	41	45
300 x 250 / 450 x 150 / 500 x 150 600 x 125 / 750 x 100	L/s	85	127	142	170	198	227	255	283
	NC	< 15	15	23	25	29	35	40	46
300 x 300 / 350 x 250 450 x 200 / 600 x 150	L/s	113	151	189	227	264	302	340	378
	NC	<15	17	21	26	31	34	40	47
350 x 300 / 400 x 250 500 x 200 / 750 x 150	L/s	142	189	236	283	330	378	425	472
	NC	< 15	17	23	25	32	34	40	47
350 x 350 / 400 x 300 / 500 x 250 600 x 200 / 900 x 150	L/s	170	227	283	340	396	453	510	566
	NC	< 15	21	24	27	31	35	38	48
400 x 350 / 550 x 250 700 x 200	L/s	198	264	330	396	462	529	595	661
	NC	< 15	21	24	28	32	37	40	49
400 x 400 / 500 x 300 600 x 250 / 800 x 200	L/s	227	302	378	453	529	604	680	755
	NC	16	22	24	27	32	36	42	47
500 x 350 / 600 x 300 / 700 x 250 900 x 200 / 1000 x 150	L/s	255	340	425	510	595	680	764	849
	NC	15	22	24	27	33	41	41	48
450 x 450 / 500 x 400 750 x 250 / 1000 x 200	L/s	283	378	472	566	661	755	849	944
	NC	18	22	26	29	33	43	39	49
500 x 500 / 550 x 450 / 750 x 300 900 x 250 / 1000 x 200	L/s	311	415	519	623	727	831	934	1038
	NC	16	21	27	30	34	40	43	50

- Face Velocity is measured in fpm
- P_s : Static pressure drop is in Pascal.
- Noise Criteria (NC) based on room attenuation of 10 dB.