

SINGLE DEFLECTION GRILLES AND REGISTERS
45° DEFLECTION

1.7 Air flow data

Listed size in mm x mm	Face Vel.	600	700	800	900	1000	1100	1200	1300
	P _s (Pa)	21.18	29.91	42.36	54.82	69.73	87.18	107.09	127.00
250 x 100 / 200 x 125 150 x 150	L/s	71	85	99	113	127	142	156	170
	NC	17	21	23	28	30	34	39	39
200 x 150 / 250 x 125 300 x 100	L/s	85	99	113	132	151	165	184	198
	NC	16	21	23	29	30	34	36	38
250 x 150 / 300 x 125 400 x 100	L/s	104	123	146	165	189	208	231	250
	NC	19	21	27	31	34	36	41	42
300 x 150 / 350 x 125 450 x 100	L/s	113	137	160	184	208	231	255	278
	NC	18	22	26	28	33	37	40	41
250 x 200 / 350 x 150 400 x 125 / 500 x 100	L/s	127	151	175	198	227	250	278	302
	NC	<15	18	23	26	31	32	38	41
250 x 250 / 300 x 200 / 400 x 150 500 x 125 / 600 x 100	L/s	146	175	203	231	260	288	321	349
	NC	17	22	26	28	33	37	39	41
300 x 250 / 450 x 150 / 500 x 150 600 x 125 / 750 x 100	L/s	170	208	241	274	311	344	382	378
	NC	16	23	26	30	34	36	39	42
300 x 300 / 350 x 250 450 x 200 / 600 x 150	L/s	198	236	278	316	354	396	439	481
	NC	< 15	16	25	30	31	35	39	41
350 x 300 / 400 x 250 500 x 200 / 750 x 150	L/s	212	255	297	340	382	425	472	514
	NC	<15	18	22	28	30	35	38	43
350 x 350 / 400 x 300 / 500 x 250 600 x 200 / 900 x 150	L/s	241	293	340	387	439	486	538	585
	NC	18	21	25	30	33	38	43	44
400 x 400 / 500 x 300 600 x 250 / 800 x 200	L/s	274	330	387	444	495	552	609	661
	NC	<15	20	24	29	37	41	42	47
500 x 350 / 600 x 300 / 700 x 250 900 x 200 / 1000 x 150	L/s	311	378	439	500	566	628	694	755
	NC	17	23	28	33	38	40	44	47
450 x 450 / 500 x 400 750 x 250 / 1000 x 200	L/s	330	396	462	529	599	661	731	798
	NC	18	22	28	32	36	37	42	44
500 x 500 / 550 x 450 / 750 x 300 900 x 250 / 1000 x 200	L/s	378	458	533	604	680	755	835	911
	NC	20	25	29	34	40	43	45	46

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