

1010MAR Perforated Return Grille

NECK SIZE	NECK VELOCITY	300	400	500	600	700	800	1000	1200	1400
	NEGATIVE SP	.024	.042	.067	.096	.130	.170	.266	.383	.522
	VP	.006	.010	.016	.023	.031	.040	.063	.090	.123
6"	AIR FLOW, CFM	58	78	99	120	138	156	195	236	274
	NC	-	-	-	10	15	19	26	33	38
8"	AIR FLOW, CFM	105	140	176	210	244	278	348	418	490
	NC	-	-	-	14	20	23	30	36	42
10"	AIR FLOW, CFM	165	218	274	326	384	438	546	655	766
	NC	-	-	10	16	21	25	32	39	44
12"	AIR FLOW, CFM	236	316	394	472	552	628	786	942	1100
	NC	-	-	13	19	24	28	35	42	47
14"	AIR FLOW, CFM	320	428	535	642	748	856	1068	1284	1498
	NC	-	-	15	21	26	30	37	44	48
16"	AIR FLOW, CFM	418	560	698	840	976	1118	1396	1676	1956
	NC	-	10	17	23	28	32	39	46	51
18"	AIR FLOW, CFM	489	645	799	956	1114	1275	1584	1896	2198
	NC	-	14	20	26	31	35	42	49	55

Performance notes:

1. All pressures are in inches of water.
2. The NC values, sound pressure level, are base on a room absorption of 10dB re 10-12 watts.
3. Radii of diffusion are given in feet to terminal velocities of 150 fpm (min.), 100 fpm (middle) and 50 fpm (max.).
4. Air flow is in cubic feet per minute, cfm.