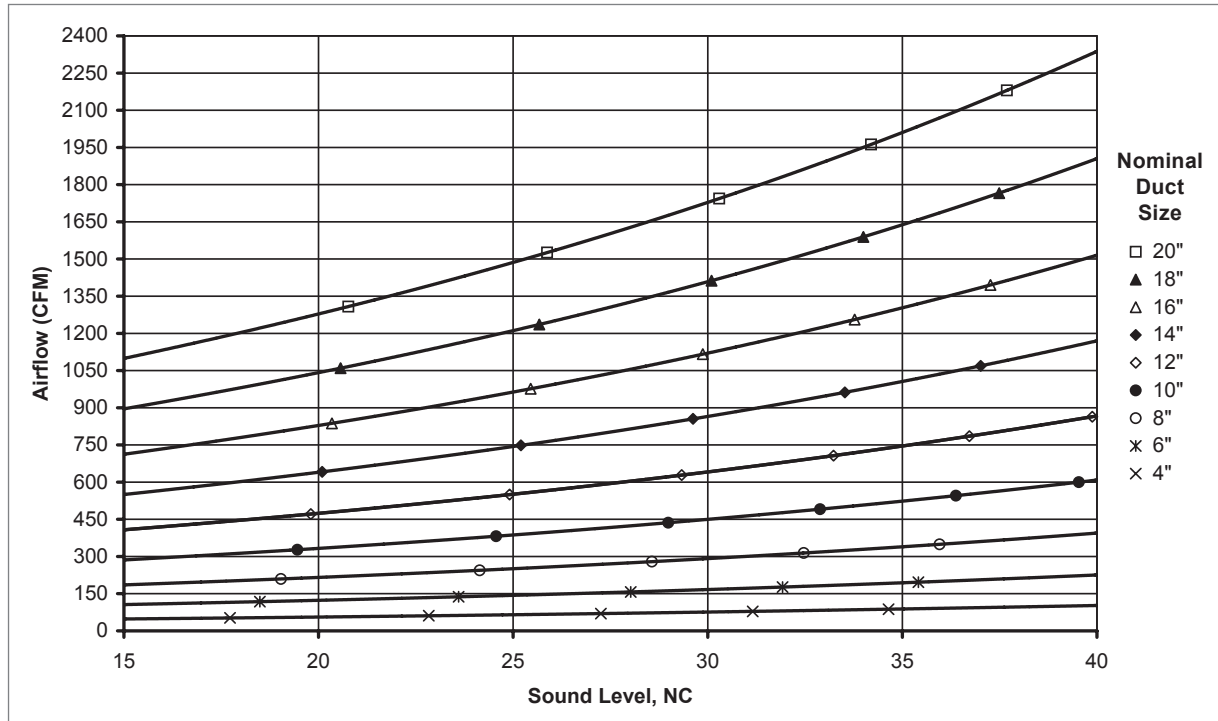


RPN Series Reference Chart

AIRFLOW VS. NC: RPN, RPNRD, RPNRR, RPN2P, RPN4P, RPNLP



AIR NOZZLES & ROUND GRILLES

RPN Series Performance Data

IP/METRIC DATA: RPN, RPNRD, RPNRR, RPN2P, RPN4P, RPNLP

Nominal Size	Nozzle Size	IP Data					NC	Metric Data					Octave Band, dB						
		Neck Vel*	Air Flow	Ps	Pt	Projection		Neck Vel	Air Flow	Ps	Pt	Projection	2	3	4	5	6	7	
		FPM	CFM	"WG	"WG	ft		m/s	L/s	Pa	Pa	m							
4"	2"	300	26	0.06	0.06	5 - 8 - 11	-	1.5	12	14	16	1.6 - 2.3 - 3.3	15	15	13	-	-	-	
		400	35	0.10	0.11	6 - 9 - 12	-	2.0	16	26	28	1.9 - 2.7 - 3.8	22	21	21	13	12	14	
		500	44	0.16	0.18	7 - 10 - 14	12	2.5	21	40	44	2.1 - 3.0 - 4.2	28	26	28	21	18	19	
		600	52	0.23	0.25	8 - 11 - 15	18	3.0	25	58	63	2.3 - 3.3 - 4.6	32	30	33	28	23	23	
		700	61	0.32	0.35	8 - 12 - 16	23	3.6	29	79	86	2.5 - 3.5 - 5.0	36	34	38	33	27	26	
		800	70	0.41	0.45	9 - 12 - 18	27	4.1	33	103	113	2.7 - 3.8 - 5.3	39	37	42	38	30	28	
		900	78	0.52	0.57	9 - 13 - 19	31	4.6	37	130	143	2.8 - 4.0 - 5.7	42	39	45	42	34	31	
		1000	87	0.64	0.71	10 - 14 - 20	35	5.1	41	160	176	3.0 - 4.2 - 6.0	44	42	48	46	36	33	
6"	3"	1200	105	0.93	1.02	11 - 15 - 21	41	6.1	49	231	253	3.3 - 4.6 - 6.5	48	45	54	53	41	37	
		300	59	0.06	0.06	7 - 11 - 16	-	1.5	28	14	16	2.0 - 3.5 - 4.9	20	19	14	-	-	-	
		400	79	0.10	0.11	9 - 13 - 19	-	2.0	37	25	28	2.7 - 4.0 - 5.6	27	26	22	13	13	14	
		500	98	0.16	0.17	10 - 15 - 21	12	2.5	46	39	43	3.2 - 4.5 - 6.3	32	31	29	21	19	19	
		600	118	0.23	0.25	11 - 16 - 23	18	3.0	56	57	62	3.5 - 4.9 - 6.9	37	35	34	28	24	23	
		700	137	0.31	0.34	12 - 17 - 25	24	3.6	65	77	85	3.7 - 5.3 - 7.5	40	38	39	33	28	26	
		800	157	0.41	0.44	13 - 19 - 26	28	4.1	74	101	111	4.0 - 5.6 - 8.0	44	41	43	38	32	28	
		900	177	0.51	0.56	14 - 20 - 28	32	4.6	83	128	140	4.2 - 6.0 - 8.5	46	43	46	42	35	31	
8"	4 3/8"	1000	196	0.63	0.70	15 - 21 - 29	35	5.1	93	158	173	4.5 - 6.3 - 8.9	49	46	49	46	38	33	
		1200	236	0.91	1.00	16 - 23 - 32	41	6.1	111	227	249	4.9 - 6.9 - 9.8	53	50	55	53	42	37	
		300	105	0.06	0.06	8 - 15 - 21	-	1.5	49	14	15	2.5 - 4.6 - 6.5	24	22	15	-	-	-	
		400	140	0.10	0.11	11 - 18 - 25	-	2.0	66	25	27	3.4 - 5.3 - 7.5	31	29	23	13	14	14	
		500	175	0.15	0.17	14 - 20 - 28	13	2.5	82	38	42	4.2 - 6.0 - 8.4	36	34	30	21	20	19	
		600	209	0.22	0.24	15 - 21 - 30	19	3.0	99	55	61	4.6 - 6.5 - 9.2	40	38	35	27	25	23	
		700	244	0.30	0.33	16 - 23 - 33	24	3.6	115	75	83	5.0 - 7.0 - 10.0	44	41	40	33	29	26	
		800	279	0.39	0.43	18 - 25 - 35	29	4.1	132	98	108	5.3 - 7.5 - 10.7	47	44	44	38	32	29	
8"	4 3/8"	900	314	0.50	0.55	19 - 26 - 37	32	4.6	148	124	137	5.6 - 8.0 - 11.3	50	46	47	42	36	31	
		1000	349	0.62	0.68	20 - 28 - 39	36	5.1	165	154	169	6.0 - 8.4 - 11.9	52	49	50	46	38	33	
		1200	419	0.89	0.98	21 - 30 - 43	42	6.1	198	221	243	6.5 - 9.2 - 13.0	57	53	56	53	43	37	

NOTE: See next page for notes.