

SERIES V PERFORMANCE DATA

MODEL V, VM, VH

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	.007	.015	.027	.042	.061	.083	.109	.137	.170
06x06	.25	CFM	38	57	76	95	115	134	153	172	191
		NC	-	-	-	-	15	20	24	28	31
		Throws	2-4-8	5-7-14	7-10-14	8-12-18	10-14-20	12-15-21	13-16-23	14-17-24	15-18-25
08x04	.22	CFM	33	49	66	82	99	115	131	148	164
		NC	-	-	-	-	15	20	24	27	30
		Throws	2-4-9	4-7-13	6-9-15	8-12-17	9-13-18	11-14-20	12-15-21	13-16-22	14-17-24
08x06	.33	CFM	53	80	106	133	159	186	212	239	265
		NC	-	-	-	12	17	22	26	29	32
		Throws	2-6-12	6-9-16	8-12-19	10-15-21	12-16-23	14-18-25	15-19-27	16-20-28	17-21-30
08x08	.44	CFM	75	112	149	186	223	260	297	334	371
		NC	-	-	-	13	18	23	27	30	33
		Throws	3-6-14	6-10-19	9-14-22	11-17-25	14-19-27	16-21-29	18-22-31	19-24-33	20-25-35
10x04	.28	CFM	43	64	85	106	127	148	169	190	212
		NC	-	-	-	11	16	21	25	28	31
		Throws	2-5-10	5-8-15	7-10-17	9-13-19	10-15-21	12-16-22	14-17-24	15-18-25	15-19-27
10x06	.42	CFM	69	103	137	171	205	239	273	307	341
		NC	-	-	-	13	18	23	27	30	33
		Throws	3-6-13	6-10-19	9-13-21	11-17-24	13-19-24	15-20-28	17-21-30	19-23-32	20-24-34
10x08	.56	CFM	93	140	186	233	280	326	373	419	466
		NC	-	-	-	14	19	24	28	31	35
		Throws	3-7-16	7-12-22	10-16-25	13-19-28	16-22-31	18-23-33	20-25-35	22-27-38	23-28-40
10x10	.69	CFM	120	179	239	298	358	417	476	536	595
		NC	-	-	-	15	20	25	29	32	36
		Throws	4-8-18	8-13-25	12-18-28	15-22-32	18-25-35	21-27-38	23-28-40	25-30-43	26-32-45
12x04	.33	CFM	53	80	106	133	159	186	212	239	265
		NC	-	-	-	12	17	22	26	29	32
		Throws	2-6-12	6-9-16	8-12-19	10-15-21	12-16-23	14-18-25	15-19-27	16-20-28	17-21-30
12x06	.50	CFM	82	123	164	205	246	287	328	369	410
		NC	-	-	-	13	19	23	27	31	34
		Throws	3-7-15	7-11-20	10-15-24	12-18-26	15-20-29	17-22-31	19-24-33	20-25-35	21-26-37
12x08	.67	CFM	113	170	227	283	340	397	454	510	567
		NC	-	-	-	15	20	25	29	32	35
		Throws	4-8-17	8-13-24	11-17-28	14-21-31	17-24-34	20-26-37	23-28-39	24-29-42	25-31-44
12x12	1.00	CFM	176	264	352	440	528	616	704	792	880
		NC	-	-	-	16	22	27	31	34	37
		Throws	4-10-21	10-16-30	14-21-34	18-27-39	21-30-42	25-32-46	28-34-49	30-37-52	31-39-55

CONTINUED

SERIES V PERFORMANCE DATA

MODEL V, VM, VH

Size	Duct Area ft ²	Nk Vel	200	300	400	500	600	700	800	900	1000
		Ps	.007	.015	.027	.042	.061	.083	.109	.137	.170
14x04	.39	CFM	60	90	120	150	180	210	240	270	300
		NC	-	-	-	12	17	22	26	30	33
		Throws	3-6-13	6-9-17	8-13-20	10-16-23	13-17-25	15-19-27	16-20-28	17-21-30	18-23-32
14x06	.58	CFM	97	145	194	242	291	336	387	436	484
		NC	-	-	-	14	19	24	28	32	35
		Throws	3-7-16	7-12-22	11-16-26	13-20-29	16-22-31	19-24-34	21-26-36	22-27-38	23-29-40

PERFORMANCE NOTES FOR SERIES V

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Nk Vel Neck velocity of air stream in Feet Per Minute

Ps Static pressure = $P_t - P_v$ (inches of water column)

NC Noise criterion, Sound pressure level. NC ratings are based on sound power level (lw)

RE: 10^{-12} watts minus a 10dB room attenuation in all octave bands.

Throws Non-isothermal horizontal throws (supply air temperature 20° F colder than average room air temperature)
values are for 150 fpm - 100 fpm - 50 fpm (feet per minute)