



PERFORMANCE DATA

1 INCH SLOT

HORIZONTAL PATTERN CONTROLLER

NO. SLOTS	Min Ps H ₂ O	.01	.014	.025	.035	.06	.114	.237
	Vk FPM	385	515	640	770	1025	1280	1540
1 AK = .039	CFM / FT	15	20	25	30	40	50	60
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	< 20	< 20	20	22	25	30	32
2 AK = .078	CFM / FT	30	40	50	60	80	100	120
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	< 20	< 20	20	22	25	30	32
3 AK = .117	CFM / FT	45	60	75	90	120	150	180
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	< 20	< 20	20	22	25	30	32
4 AK = .156	CFM / FT	60	80	100	120	160	200	240
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	20	20	22	24	27	32	34
5 AK = .195	CFM / FT	75	100	125	150	200	250	300
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	20	20	22	24	27	32	34
6 AK = .234	CFM / FT	90	120	150	180	240	300	360
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	20	20	22	24	27	32	34
7 AK = .273	CFM / FT	105	140	175	210	280	350	420
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	22	22	24	26	29	34	38
8 AK = .312	CFM / FT	120	160	200	240	320	400	480
	Throw / Ft. / Horiz.	2 - 4	3 - 5	3 - 7	4 - 8	5 - 10	7 - 12	10 - 18
	NC	22	22	24	26	29	34	38

NOTE:

- The above test data was conducted in strict conformance with the applicable Guidelines for such tests, including but not limited to:
 - AMCA "Publication 311 sound ratings."
 - ADC "Guidelines for testing air distribution devices."
 - NEBB "Procedural standards for certified testing."
 - ANSI S1.10, S1.4-1971, S1.31-1971
- The above product was tested with a four foot lined plenum and a four foot section of air bar as a complete assembly.
- The above NC levels are based on room attenuation and the test fan noise only and do not take terminal box or air handler noise into consideration.
- Sound power level (LW) RE10-12 watts minus 10 db room absorption in all active bands.