

# PERFORMANCE DATA

## 3/4 INCH SLOT

### HORIZONTAL PATTERN CONTROLLER

NO. SLOTS	Min Ps H <sub>2</sub> O	.01	.02	.035	.048	.08	.12	.16	.20
	Vk FPM	335	500	665	835	1000	1165	1335	1500
1 AK = .03	CFM / FT	10	15	20	25	30	35	40	45
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	< 15	< 15	< 15	15	20	25	30	35
2 AK = .06	CFM / FT	20	30	40	50	60	70	80	90
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	< 15	< 15	< 15	15	20	25	30	35
3 AK = .09	CFM / FT	30	45	60	75	90	105	120	135
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	15	15	15	15	20	25	30	35
4 AK = .12	CFM / FT	40	60	80	100	120	140	160	180
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	15	15	15	< 20	22	27	32	37
5 AK = .15	CFM / FT	50	75	100	125	150	175	200	225
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	15	15	15	< 20	22	27	32	37
6 AK = .18	CFM / FT	60	90	120	150	180	210	240	270
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	15	15	15	< 20	22	27	32	37
7 AK = .21	CFM / FT	70	105	140	175	210	245	280	315
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	< 20	< 20	< 20	20	24	29	34	39
8 AK = .24	CFM / FT	80	120	160	200	240	280	320	360
	Throw / Ft. / Horiz.	3 - 6	4 - 10	5 - 14	6 - 16	8 - 18	8 - 20	10 - 22	10 - 24
	NC	< 20	< 20	< 20	20	24	29	34	39

**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.