



# PERFORMANCE DATA

## 1-1/2 INCH SLOT

### HORIZONTAL PATTERN CONTROLLER

NO. SLOTS	Min Ps H <sub>2</sub> O	.015	.032	.058	.10	.148	.23	.30
	Vk FPM	415	625	835	1040	1250	1560	1875
1 AK = .048	CFM / FT	20	30	40	50	60	75	90
	Throw / Ft. / Horiz.	2 - 5	3 - 6	5 - 8	6 - 10	8 - 14	10 - 18	12 - 20
	NC	< 20	< 20	22	25	28	32	35
2 AK = .096	CFM / FT	40	60	80	100	120	150	180
	Throw / Ft. / Horiz.	2 - 5	3 - 6	5 - 8	6 - 10	8 - 14	10 - 18	12 - 20
	NC	< 20	< 20	22	25	28	32	35
3 AK = .144	CFM / FT	60	90	120	150	180	225	270
	Throw / Ft. / Horiz.	2 - 5	3 - 6	5 - 8	6 - 10	8 - 14	10 - 18	12 - 20
	NC	< 20	< 20	22	25	28	32	35
4 AK = .192	CFM / FT	80	120	160	200	240	300	360
	Throw / Ft. / Horiz.	2 - 5	3 - 6	5 - 8	6 - 10	8 - 14	10 - 18	12 - 20
	NC	< 20	< 20	22	25	28	32	35

**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.