SERIES XG-5500DD PERFORMANCE DATA
MODEL XG-5500DD, XG-5500DDI SUPPLY

1 Slot 24 x 1 8 Inlet	CFM	50	100	150	200	250	300	350
	Pt	0.01	0.03	0.07	0.13	0.20	0.30	0.40
	Ps	0.007	0.024	0.058	0.109	0.168	0.254	0.337
	NC	<20	<20	22	28	33	38	41
	Throw	2-3-5	4-5-7	5-6-9	6-8-10	7-9-12	8-11-14	9-12-16
2 Slot 24 x 2 8 Inlet	CFM	100	150	200	250	300	350	400
	Pt	0.02	0.05	0.08	0.12	0.18	0.24	0.31
	Ps	0.014	0.038	0.059	0.088	0.134	0.177	0.227
	NC	<20	<20	22	28	33	38	41
	Throw	2-3-5	3-5-7	4-6-8	4-7-9	5-8-11	6-9-12	7-10-13
3 Slot 24 x 3 8 Inlet	CFM	150	200	250	300	350	400	450
	Pt	0.03	0.06	0.09	0.13	0.18	0.23	0.30
	Ps	0.018	0.039	0.058	0.084	0.117	0.147	0.194
	NC	<20	<20	25	30	34	38	41
	Throw	3-4-6	4-5-7	4-6-8	5-7-9	5-8-10	6-9-12	7-10-14
4 Slot 24 x 4 8 Inlet	CFM	200	250	300	350	400	450	500
	Pt	0.05	0.08	0.11	0.16	0.20	0.26	0.32
	Ps	0.029	0.048	0.064	0.097	0.117	0.154	0.195
	NC	<20	23	28	32	36	39	42
	Throw	3-4-9	3-5-7	4-6-8	5-7-10	5-8-11	6-9-12	6-10-13
4 Slot 24 x 4 10 Inlet	CFM	250	300	350	400	450	500	550
	Pt	0.061	0.085	0.123	0.151	0.196	0.247	0.298
	Ps	0.48	0.085	0.123	0.151	0.196	0.247	0.298
	NC	20	25	29	33	36	39	41
	Throw	3-5-7	4-6-8	5-7-10	5-8-11	6-9-12	6-10-13	7-10-14

PERFORMANCE NOTES FOR SERIES XG-5500DD

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

DEFINITION OF UNITS

CFM	*Cubic Feet per Minute (air)*
Throw	*Throw distance in feet at terminal velocities of 150fpm, 100fpm and 50fpm*
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*
Ps	*Static pressure = Pt–Pv (inches of water column)*
Pt	*Total pressure (inches of water column)*
Pv	*Velocity pressure (inches of water column)*
fpm	*Velocity of air stream in Feet per Minute. To determine total pressure for other inlet sizes, divide the CFM by the sq footage of the inlet size (chart above). The result is the duct velocity in fpm. From the Pv chart, determine the Pv and add it to the Ps shown in the performance chart to determine the Pt*

SERIES XG-5500DDR PERFORMANCE DATA
MODEL XG-5500DDR RETURN

1 Slot	CFM	100	125	165	200	225	275
	NC	<20	20	27	25	30	35
	–Ps	-.020	-.030	-.060	-.080	-.100	-.150
2 Slot	CFM	155	190	250	310	345	425
	NC	<20	22	24	27	32	37
	–Ps	-.020	-.030	-.060	-.080	-.100	-.150
3 Slot	CFM	225	275	360	450	505	620
	NC	21	24	25	29	34	38
	–Ps	-.020	-.030	-.060	-.080	-.100	-.150
4 Slot	CFM	295	350	430	590	660	810
	NC	22	25	27	30	35	40
	–Ps	-.020	-.030	-.060	-.080	-.100	-.150

PERFORMANCE NOTES FOR SERIES XG-5500DDR

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

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

Ps Static pressure = Pt–Pv (inches of water column)