

SERIES XG-7550R-F/XG-7650R-F PERFORMANCE DATA
MODEL XG-7550R-F/XG-7650R-F

Neck Size	<i>fpm Neck Velocity</i>	300	400	500	600	700	800	900	1000
	<i>Ps</i>	.008	.015	.020	.030	.050	.060	.080	.080
6 x 6	CFM	75	100	120	150	175	200	225	250
8 x 8	CFM	130	175	220	265	310	350	400	445
10 x 10	CFM	210	275	345	415	485	555	625	695
12 X 12	CFM	300	400	500	600	700	800	900	1000
14 x 14	CFM	410	545	680	815	950	1090	1225	1360
16 x 16	CFM	530	710	885	1060	1240	1415	1600	1770
22 x 22	CFM	1010	1345	1680	2015	2350	2690	3025	3360

PERFORMANCE NOTES FOR SERIES XG-7550R-F/XG-7650R-F

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

fpm Velocity of air stream in Feet per Minute

Pv Velocity pressure (inches of water column)

Pt Total pressure (inches of water column)

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

Throw* Non-isothermal horizontal throw (supply air temperature 15°F colder than average room temperature); values are for 150, 100 and 50fpm velocities

Throw Isothermal throw (supply air temperature the same as average room temperature); values are for 150, 100 and 50fpm velocities

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