

SERIES XG-SGRH PERFORMANCE DATA
MODEL XG-SGRH

Size (in)	NK Vel	100	150	200	250	300	350	400	450	500	600	700
Neck Area ft ²	Ps	.002	.004	.008	.012	.018	.024	.032	.040	.049	.071	.096
06x06 .250	CFM	25	38	50	63	75	88	100	113	125	150	175
	NC	-	-	-	-	-	-	11	18	21	27	31
08x06 .333	CFM	34	50	67	84	100	117	134	150	167	200	234
	NC	-	-	-	-	-	12	16	19	22	28	32
08x08 .444	CFM	45	67	89	111	134	156	178	200	222	267	311
	NC	-	-	-	-	-	13	17	20	24	29	34
09x06 .375	CFM	38	57	75	94	113	132	150	169	188	225	263
	NC	-	-	-	-	-	12	16	20	23	28	33
09x09 .563	CFM	57	85	113	141	169	198	226	254	282	338	395
	NC	-	-	-	-	-	14	18	22	25	30	35
10x06 .417	CFM	42	63	84	105	126	146	167	188	209	251	292
	NC	-	-	-	-	-	13	17	20	23	29	33
10x10 .694	CFM	70	105	139	174	209	243	278	313	347	417	486
	NC	-	-	-	-	-	15	19	22	26	31	36
12x06 .500	CFM	50	75	100	125	150	175	200	225	250	300	350
	NC	-	-	-	-	-	13	17	21	24	30	34
12x08 .667	CFM	67	101	134	167	201	234	267	301	334	401	467
	NC	-	-	-	-	-	15	19	22	25	31	36
12x10 .833	CFM	84	125	167	209	250	292	334	375	417	500	584
	NC	-	-	-	-	11	16	20	23	26	32	36
12x12 1.000	CFM	100	150	200	250	300	350	400	450	500	600	700
	NC	-	-	-	-	12	16	20	24	27	33	37
14x14 1.361	CFM	137	205	273	341	409	477	545	613	681	817	953
	NC	-	-	-	-	13	18	22	25	29	34	39
15x15 1.563	CFM	157	235	313	391	469	548	626	704	782	938	1095
	NC	-	-	-	-	14	18	22	26	29	35	39
16x12 1.333	CFM	134	200	267	334	400	467	534	600	667	800	934
	NC	-	-	-	-	13	18	22	25	28	34	38
16x16 1.778	CFM	178	267	356	445	534	623	712	801	889	1067	1245
	NC	-	-	-	-	14	19	23	26	30	35	40
18x06 .750	CFM	75	113	150	188	225	263	300	338	375	450	525
	NC	-	-	-	-	11	15	19	23	26	31	36
18x08 1.000	CFM	100	150	200	250	300	350	400	450	500	600	700
	NC	-	-	-	-	12	16	20	24	27	33	37
18x15 1.875	CFM	188	282	375	469	563	657	750	844	938	1125	1313
	NC	-	-	-	-	15	19	23	27	30	35	40

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Neck Area ft ²	Ps	.002	.004	.008	.012	.018	.024	.032	.040	.049	.071	.096
18x18 2.250	CFM	225	338	450	563	675	788	900	1013	1125	1350	1575
	NC	-	-	-	-	15	20	24	27	31	36	41
20x20 2.778	CFM	278	417	556	695	834	973	1112	1251	1389	1667	1945
	NC	-	-	-	11	16	21	25	28	32	37	42
21x12 1.750	CFM	175	263	350	438	525	613	700	788	875	1050	1225
	NC	-	-	-	-	14	19	23	26	30	35	40
21x21 3.063	CFM	307	460	613	766	919	1073	1226	1379	1532	1838	2145
	NC	-	-	-	11	17	21	25	29	32	37	42
22x22 3.361	CFM	337	505	673	841	1009	1177	1345	1513	1681	2017	2353
	NC	-	-	-	12	17	22	26	29	32	38	43
24x08 1.333	CFM	134	200	267	334	400	467	534	600	667	800	934
	NC	-	-	-	-	13	18	22	25	28	34	38
24x12 2.000	CFM	200	300	400	500	600	700	800	900	1000	1200	1400
	NC	-	-	-	-	15	19	23	27	30	36	40
24x15 2.500	CFM	250	375	500	625	750	875	1000	1125	1250	1500	1750
	NC	-	-	-	-	16	20	24	28	31	37	41

PERFORMANCE NOTES FOR SERIES XG-SGRH

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Nk Vel Neck Velocity is the airstream velocity in the duct just before it reaches the supply outlet; measured in Feet per Minute

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

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