

SG-3300RL

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Nom. Duct Size	Nom. Duct Area	Core Area (ft <sup>2</sup> )	Core Velocity, (fpm)	300	400	500	600	700	800	1000	1100	1200
			Velocity Pressure	0.006	0.010	0.016	0.022	0.031	0.040	0.062	0.075	0.090
			Total Pressure	0.038	0.068	0.107	0.154	0.209	0.273	0.427	0.517	0.615
8x8	0.44	0.356	Airflow, cfm	107	142	178	214	249	285	356	391	427
			Noise Criteria	-	15	22	27	32	36	43	46	48
			Throw, Ft.	7-12-17	11-13-19	12-15-21	13-17-23	15-18-25	16-19-27	17-21-30	18-22-32	19-23-33
9x9	0.56	0.461	Airflow, cfm	138	184	230	277	323	369	461	507	553
			Noise Criteria	-	16	23	29	33	37	44	47	49
			Throw, Ft.	8-13-19	13-15-22	14-17-24	15-19-27	17-20-29	18-22-31	20-24-34	21-25-36	22-27-38
16x16	1.78	1.575	Airflow, cfm	472	630	787	945	1102	1260	1575	1732	1890
			Noise Criteria	13	22	28	34	39	43	49	52	55
			Throw, Ft.	14-25-35	23-28-40	26-32-45	28-35-49	31-38-53	33-40-57	37-45-63	38-47-67	40-49-69
20x20	2.78	2.509	Airflow, cfm	753	1004	1255	1505	1756	2007	2509	2760	3011
			Noise Criteria	15	24	30	36	41	45	51	54	57
			Throw, Ft.	18-31-44	29-36-51	33-40-57	36-44-62	39-47-67	41-51-72	46-57-80	48-59-84	51-62-88
26x26	4.69	4.317	Airflow, cfm	1295	1727	2158	2590	3022	3453	4317	4749	5180
			Noise Criteria	17	26	33	38	43	47	54	57	59
			Throw, Ft.	24-41-58	38-47-66	43-52-74	47-58-81	51-62-88	54-66-94	61-74-105	64-78-110	66-81-115

- Data obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70-2006
- All data based upon supply performance
- All pressures are in inches of water
- The negative static pressure for return performance is equal to the total pressure of supply at the same cfm
- Throw values are for terminal velocities of 150, 100 and 50 fpm under isothermal conditions. See the section Engineering Guidelines, in this catalog for throw information.
- Noise Criteria values are based on a room absorption of 10 dB
- Dash (-) in space indicates NC value less than 10
- Return NC is 2 NC higher than supply NC at the same cfm