



**USAIRE**

MODEL **5500SI**

**Model 5500 SI**

Steel Square Louver Face / Insulated

Module Size	Neck Size	Neck Velocity Ps	200	300	400	500	600	700	800	900
			.032	.060	.094	.133	.176	.224	.275	.330
24x24	6"	CFM	40	60	80	100	120	135	155	175
		Throw	5	7	8	8	9	10	11	11
		NC	<15	<15	<15	18	23	26	32	34
24x24	8"	CFM	70	105	140	175	210	245	280	315
		Throw	7	9	10	11	12	13	14	15
		NC	<15	<15	<15	21	26	30	34	37
24x24	10"	CFM	110	165	220	275	325	380	435	490
		Throw	9	11	13	15	16	17	18	20
		NC	<15	<15	17	23	28	32	35	38
24x24	12"	CFM	155	235	315	395	470	550	630	705
		Throw	11	14	16	18	19	21	22	23
		NC	<15	<15	18	23	26	31	36	39
24x24	14"	CFM	215	320	430	535	640	750	855	960
		Throw	13	16	18	21	23	24	26	28
		NC	<15	16	23	26	31	37	39	43
24x24	15"	CFM	245	370	490	615	735	860	980	1105
		Throw	13	17	20	22	24	26	28	30
		NC	<15	17	23	29	34	38	40	43

**Notes**

All Units have been tested in accordance with ANSI/ ASHRAE 70-2006. Data in table is derived from such testing

Ps - Static pressure required to obtain listed cfm, units of inches water gauge (in. wg.)

NC- Calculated noise criteria using 10 dB per octave room attenuation (dimensionless).

Throw - Non-isothermal throw, in feet, for a terminal velocity of 50 fpm

Inlet Velocity = fpm (Feet Per Minute)

For sizes not shown, refer to online tools **GRD Selection Program** performance calculator on Home Page