



MODEL SG 400 & SG 500

SECURITY SUPPLY GRILLES PERFORMANCE DATA

CFM	SIZE (in)	4x4	6x5 8x4	12x4 10x5 8x6	16x4 14x5 10x6 8x8	20x4 16x5 12x6 10x8	24x6 20x8 16x10 12x12	30x8 24x10 20x12 16x14	30x10 24x12 20x16 18x18
50	Total Pressure	.06	.016						
	Throw	6	3						
	NC	< 20	< 20						
75	Total Pressure	.128	.036	.024					
	Throw	10	7	3					
	NC	23	<20	< 20					
100	Total Pressure	.228	.064	.044	.024	.016			
	Throw	13	10	6	5	4			
	NC	32	21	<20	<20	<20			
150	Total Pressure		.144	.10	.054	.036	0.008		
	Throw		14	10	9	8	3		
	NC		30	20	< 20	<20	<20		
200	Total Pressure			.176	.096	.064	.014	0.009	0.004
	Throw			14	12	12	6	4	3
	NC			28	24	< 20	<20	<20	<20
300	Total Pressure			.396	.216	.144	.032	.02	.008
	Throw			22	20	19	9	6	6
	NC			37	35	29	< 20	<20	<20
400	Total Pressure					.256	.057	.036	.014
	Throw					24	15	10	9
	NC					37	21	< 20	< 20
500	Total Pressure						.087	.056	.022
	Throw						20	13	12
	NC						25	21	<20
600	Total Pressure						.126	.081	.032
	Throw						24	17	15
	NC						33	25	20
800	Total Pressure							.144	.057
	Throw							24	20
	NC							33	25
1000	Total Pressure							.225	.089
	Throw							30	25
	NC							38	29

Notes:

-Total Pressure is in "H2O, Air volume is in CFM

-NC values were determined by subtracting 10 dB from the sound power level for room absorption.

-Throw data is presented for terminal velocities of 100 ft./min.

-Tests were performed on unit in accordance with ASHRAE 70-1991 "Method of Testing For Rating the Performance of Air Outlets and Inlets".