

SERIES XG-MSE-HC PERFORMANCE DATA
MODEL XG-MSE-HC

Model	fpm vn	300	400	500	600	700	800	900	1000	1200	1400
Inlet Size	Pv	.006	.010	.016	.022	.031	.040	.051	.062	.090	.122
XG-MSE-HC-M XG-MSE-HC-S 6	CFM	60	80	100	120	40	160	180	200	240	280
	Pt	.009	.011	.017	.025	.034	.044	.057	.070	.100	.135
	Throw	1-1-2	1-1-4	1-2-4	1-3-5	2-3-6	2-4-7	3-4-8	3-4-9	4-5-11	4-6-11
	NC	<15	<15	<15	<15	<15	<15	17	21	28	34
XG-MSE-HC-M XG-MSE-HC-S 8	CFM	105	140	175	210	245	280	315	350	420	490
	Pt	.011	.018	.028	.040	.055	.072	.091	.112	.162	.220
	Throw	1-2-4	2-3-6	2-4-7	3-4-9	3-5-10	4-6-11	4-6-12	5-7-13	6-9-14	7-10-15
	NC	<15	<15	<15	<15	<15	17	21	25	32	38
XG-MSE-HC-M XG-MSE-HC-S 10	CFM	165	220	275	330	385	440	495	550	660	770
	Pt	.017	.029	.043	.060	.082	.108	.136	.168	.243	.331
	Throw	2-3-7	3-4-8	3-5-10	4-6-12	5-7-13	5-8-14	6-9-15	7-10-16	8-12-18	10-13-19
	NC	<15	<15	<15	<15	15	20	24	28	35	41
XG-MSE-HC-M XG-MSE-HC-S 12	CFM	2040	310	390	470	550	630	710	790	940	1100
	Pt	.023	.037	.059	.085	.115	.151	.191	.237	.338	.461
	Throw	2-4-7	4-5-11	5-7-14	5-8-15	6-9-16	7-11-17	8-12-18	9-14-19	11-15-21	13-16-23
	NC	<15	<15	<15	<15	18	23	27	31	38	43
XG-MSE-HC-M XG-MSE-HC-S 14	CFM	320	430	530	540	750	860	960	1070	1280	1500
	Pt	.031	.050	.078	.114	.155	.202	.256	.316	.453	.619
	Throw	3-4-8	4-7-13	6-8-16	7-10-17	8-12-19	9-13-20	10-15-21	11-16-23	13-17-25	15-19-27
	NC	<15	<15	<15	<15	20	25	29	33	40	45

PERFORMANCE NOTES FOR SERIES XG-MSE-HC

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)

Throw Horizontal distances in feet to the terminal vel of 150 , 100 and 50fpm with supply air temp 20°F below room air temp

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