

**SERIES XG-MRD PERFORMANCE**  
**DATA MODEL XG-MRPF**

Size	fpm	400	600	800	1000	1200	1400	1600
	Pv	.010	.022	.040	.062	.090	.122	.160
6	CFM	79	118	157	196	236	275	314
	Ps	.003	.033	.072	.118	.167	.251	.295
	NC	<15	<15	18	28	36	42	46
8	CFM	140	209	279	349	419	489	559
	Ps	.014	.045	.092	.134	.171	.215	.299
	NC	<15	<15	21	30	38	44	48
10	CFM	218	327	436	545	655	764	873
	Ps	.026	.056	.121	.204	.246	.393	.443
	NC	<15	15	26	34	40	44	50
12	CFM	314	471	628	786	943	1100	1257
	Ps	.030	.068	.135	.234	.342	.434	.597
	NC	<15	<15	25	36	41	46	52
14	CFM	428	641	855	1069	1283	1497	1711
	Ps	.037	.083	.157	.252	.373	.529	.733
	NC	17	19	30	38	43	48	52
16	CFM	559	838	1117	1396	1676	1955	2234
	Ps	.044	.087	.161	.267	.405	.575	.777
	NC	17	19	32	40	43	49	52
18	CFM	707	1060	1414	1767	2121	2474	2828
	Ps	.047	.092	.171	.284	.432	.613	.828
	NC	18	20	32	40	44	50	53
20	CFM	873	1309	1746	2182	2618	3055	3491
	Ps	.050	.099	.183	.304	.462	.656	.886
	NC	18	21	34	42	44	50	53
22	CFM	1056	1584	2112	2640	3168	3696	4224
	Ps	.053	.108	.188	.324	.503	.705	.924
	NC	19	22	34	42	45	50	54
24	CFM	1257	1885	2514	3142	3770	4399	5027
	Ps	.056	.111	.206	.342	.519	.736	.995
	NC	20	23	35	43	45	51	54

**PERFORMANCE NOTES FOR SERIES XG-MRPF/ XG-MRD**

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
- Ps Static pressure =  $P_t - P_v$  (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
- Pv Velocity pressure (inches of water column)