



# MXF

## Mixed Flow Inliner Fan

TECHNICAL SPECIFICATIONS



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## INTRODUCTION

### MXF

The York® Mixed Flow Inliner Fan utilizes a highly efficient mixed flow wheel suitable for supply, exhaust, or return air applications. Its compact and lightweight design combines the high volume advantage of axial fans with the low sound and higher efficiency of centrifugal fans, and, through its versatility, it even surpasses the efficiency of traditional axial and centrifugal fan technology. Moreover, the outstanding

air and sound performance of this fan sets it apart from the competition. Using the most advanced Computational Fluid Dynamics (CFD) software, York® designed the MXF wheel to be the best in class for static efficiency among all mixed flow inline fans. With the MXF fan, York® brings its innovation to market and sets a new standard for performance by having the most efficient mixed flow fan in the industry.



## CERTIFICATIONS & LISTINGS



### AMCA Certification

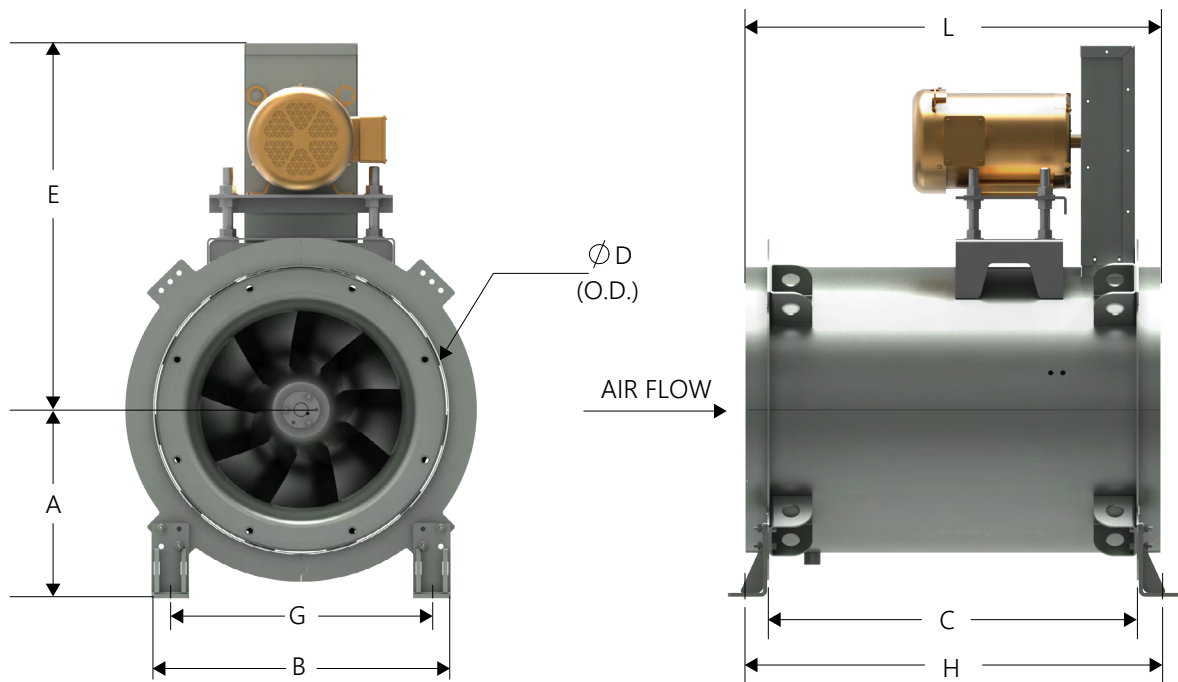
York® certifies that the MXF models shown herein are licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA publication 211 and AMCA publication 311 and comply with the requirements of the AMCA Certified Ratings Program.



### cULus Certification

MXF carries the UL label, 705 Power Ventilators (ZACT, ZACT7): File #E256857

DIMENSIONAL DATA



Size	A	B	C	D	E	G	H	L
122	12 11/16	19 3/4	21 1/8	17 5/8	24 3/8	16 13/16	25	25 1/8
135	14	21 1/8	21 13/16	19 1/2	25 5/16	18 1/8	27 11/16	27 13/16
150	14 3/4	22 11/16	26 7/8	21 11/16	26 7/16	19 11/16	30 3/4	30 7/8
165	15 5/16	23 3/4	30	23 3/16	27 3/16	20 3/4	33 7/8	34
182	16 3/16	25 1/2	33 1/2	25 9/16	30 3/4	22 1/2	37 3/8	37 1/2
200	17 1/16	27 5/16	37 3/16	28 1/16	32 1/2	24 5/16	41 1/16	41 3/16
222	19 5/8	31 1/8	41 3/4	31 3/16	34 9/16	27 1/8	45 5/8	45 11/16
245	20 3/4	34 3/8	46 7/16	34 7/16	37 13/16	29 3/8	50 5/16	50 3/8
270	22	36 15/16	51 9/16	37 15/16	40 1/4	31 15/16	55 1/2	55 5/8
300	24 3/4	40 5/8	57 5/8	42 1/8	43 3/16	35 5/8	61 5/8	61 13/16
330	26 1/4	43 5/8	63 7/8	46 3/8	46 1/16	38 5/8	67 7/8	67 7/8
365	29	46 5/8	71 1/2	51 1/4	52 3/4	42 1/8	78	75 1/8
402	31 13/16	50 13/16	79 1/8	56 1/2	55 7/8	45 13/16	86 1/8	82 13/16
445	34 5/16	55 13/16	88	62 1/2	59 3/8	50 13/16	95	91 5/8
490	38 1/2	63 3/4	97 1/4	68 13/16	62 9/16	56 1/4	103 3/4	100 7/8
542	41 7/16	69 5/8	108 15/16	76 1/8	67 3/16	62 1/8	114 7/16	111 5/8
600	46 1/2	76 3/16	119 7/8	84 5/16	71 1/4	67 3/16	126 3/8	123 1/2

All dimensions are in inches

## MXF 122 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.25"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1300	766	1178	0.17	1474	0.34	1747	0.55	-	-	-	-	-	-	-	-	-	-	-	-
1425	840	1232	0.20	1510	0.37	1759	0.57	-	-	-	-	-	-	-	-	-	-	-	-
1550	913	1288	0.22	1553	0.41	1794	0.61	2020	0.85	-	-	-	-	-	-	-	-	-	-
1675	987	1346	0.25	1601	0.44	1829	0.66	2039	0.89	2255	1.18	-	-	-	-	-	-	-	-
1800	1061	1405	0.28	1651	0.48	1865	0.70	2074	0.95	2262	1.21	2469	1.54	-	-	-	-	-	-
1925	1134	1465	0.31	1702	0.52	1912	0.76	2110	1.01	2294	1.27	2476	1.58	-	-	-	-	-	-
2050	1208	1525	0.35	1758	0.57	1961	0.81	2145	1.07	2330	1.35	2497	1.64	2672	1.97	-	-	-	-
2175	1282	1593	0.39	1814	0.62	2010	0.87	2189	1.14	2365	1.42	2532	1.72	2686	2.03	2856	2.41	2940	2.61
2300	1355	1664	0.44	1872	0.67	2061	0.93	2238	1.21	2401	1.50	2567	1.81	2721	2.13	2865	2.46	2947	2.66
2425	1429	1736	0.49	1930	0.73	2114	0.99	2287	1.28	2445	1.58	2603	1.90	2756	2.23	2899	2.57	2968	2.74
2550	1503	1808	0.55	1989	0.79	2170	1.06	2337	1.36	2494	1.67	2639	2.00	2792	2.33	2935	2.68	3003	2.86
2675	1576	1881	0.61	2049	0.85	2227	1.14	2387	1.44	2543	1.76	2686	2.10	2828	2.44	2970	2.80	-	-
2800	1650	1954	0.68	2109	0.92	2285	1.22	2441	1.53	2592	1.86	2734	2.20	2867	2.56	3006	2.93	-	-
2925	1723	2027	0.75	2170	1.00	2343	1.30	2497	1.62	2642	1.96	2783	2.31	2915	2.68	-	-	-	-
3050	1797	2101	0.83	2239	1.08	2401	1.39	2554	1.72	2694	2.07	2833	2.43	2963	2.80	-	-	-	-
3175	1871	2176	0.92	2309	1.18	2461	1.48	2611	1.82	2749	2.18	2883	2.55	3012	2.93	-	-	-	-
3300	1944	2251	1.01	2381	1.28	2520	1.58	2669	1.93	2806	2.30	2933	2.67	-	-	-	-	-	-
3425	2018	2326	1.11	2452	1.38	2581	1.69	2727	2.05	2862	2.42	2988	2.80	-	-	-	-	-	-
3550	2092	2401	1.21	2524	1.50	2642	1.80	2786	2.17	2920	2.55	-	-	-	-	-	-	-	-
3675	2165	2476	1.32	2597	1.62	2708	1.92	2845	2.29	2977	2.68	-	-	-	-	-	-	-	-
3800	2239	2552	1.44	2670	1.75	2778	2.06	2905	2.43	-	-	-	-	-	-	-	-	-	-
3925	2313	2628	1.57	2743	1.88	2849	2.20	2966	2.57	-	-	-	-	-	-	-	-	-	-
4050	2386	2704	1.70	2816	2.02	2920	2.35	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 135 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.25"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1325	638	995	0.17	1296	0.37	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1500	722	1046	0.20	1321	0.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1675	806	1099	0.23	1358	0.44	1589	0.68	-	-	-	-	-	-	-	-	-	-	-	-
1850	891	1158	0.26	1400	0.48	1621	0.73	1832	1.03	-	-	-	-	-	-	-	-	-	-
2025	975	1218	0.30	1450	0.53	1658	0.79	1848	1.08	2046	1.43	-	-	-	-	-	-	-	-
2200	1059	1280	0.34	1502	0.59	1696	0.86	1885	1.16	2053	1.47	2241	1.87	-	-	-	-	-	-
2375	1143	1342	0.39	1557	0.65	1746	0.93	1922	1.24	2090	1.57	2248	1.92	2420	2.36	-	-	-	-
2550	1228	1407	0.44	1615	0.71	1797	1.01	1960	1.33	2127	1.67	2278	2.03	2427	2.42	2588	2.89	-	-
2725	1312	1481	0.50	1675	0.78	1849	1.09	2011	1.43	2164	1.78	2315	2.15	2455	2.53	2595	2.95	2671	3.20
2900	1396	1556	0.58	1736	0.86	1904	1.18	2062	1.53	2206	1.89	2352	2.27	2491	2.67	2622	3.08	2684	3.29
3075	1480	1631	0.66	1797	0.94	1962	1.28	2114	1.64	2256	2.01	2390	2.41	2529	2.82	2658	3.24	2720	3.45
3250	1564	1707	0.74	1859	1.03	2021	1.38	2166	1.75	2308	2.14	2437	2.54	2566	2.97	2695	3.40	-	-
3425	1649	1784	0.84	1922	1.13	2082	1.50	2223	1.87	2359	2.27	2488	2.69	2608	3.13	2733	3.58	-	-
3600	1733	1861	0.94	1988	1.24	2142	1.61	2282	2.01	2412	2.42	2540	2.85	2659	3.30	-	-	-	-
3775	1817	1938	1.06	2061	1.37	2204	1.74	2342	2.15	2468	2.57	2592	3.01	2710	3.47	-	-	-	-
3950	1901	2016	1.18	2136	1.50	2266	1.88	2402	2.30	2526	2.73	2644	3.18	-	-	-	-	-	-
4125	1986	2095	1.32	2210	1.65	2329	2.02	2463	2.45	2585	2.90	2700	3.37	-	-	-	-	-	-
4300	2070	2173	1.46	2286	1.81	2393	2.17	2524	2.62	2645	3.08	-	-	-	-	-	-	-	-
4475	2154	2252	1.62	2361	1.97	2462	2.35	2586	2.80	2706	3.27	-	-	-	-	-	-	-	-
4650	2238	2332	1.78	2438	2.16	2536	2.54	2649	2.98	-	-	-	-	-	-	-	-	-	-
4825	2323	2411	1.96	2514	2.35	2610	2.74	2712	3.18	-	-	-	-	-	-	-	-	-	-
5000	2407	2491	2.16	2591	2.55	2685	2.96	-	-	-	-	-	-	-	-	-	-	-	-
5175	2491	2571	2.36	2669	2.77	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.



## MXF 150 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.25"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1700	663	909	0.22	1168	0.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1900	741	952	0.25	1196	0.50	1425	0.81	-	-	-	-	-	-	-	-	-	-	-	-
2100	819	997	0.29	1227	0.55	1431	0.84	-	-	-	-	-	-	-	-	-	-	-	-
2300	897	1046	0.33	1263	0.60	1461	0.91	1649	1.27	-	-	-	-	-	-	-	-	-	-
2500	975	1096	0.37	1305	0.66	1492	0.98	1664	1.33	1842	1.77	-	-	-	-	-	-	-	-
2700	1053	1148	0.42	1349	0.72	1523	1.06	1694	1.42	1847	1.81	2016	2.31	-	-	-	-	-	-
2900	1131	1200	0.47	1393	0.79	1564	1.14	1725	1.52	1876	1.92	2022	2.36	2177	2.90	-	-	-	-
3100	1209	1253	0.53	1442	0.86	1607	1.22	1756	1.62	1907	2.03	2043	2.47	2183	2.97	2328	3.55	-	-
3300	1287	1313	0.60	1491	0.94	1650	1.32	1796	1.72	1938	2.16	2074	2.61	2200	3.08	2333	3.62	2402	3.92
3500	1365	1375	0.68	1542	1.03	1694	1.42	1839	1.84	1969	2.28	2105	2.75	2230	3.23	2347	3.73	2408	4.01
3700	1443	1438	0.76	1593	1.12	1742	1.52	1882	1.96	2010	2.42	2136	2.90	2261	3.40	2378	3.91	2433	4.17
3900	1521	1501	0.86	1644	1.22	1791	1.64	1925	2.09	2053	2.56	2170	3.05	2292	3.57	2408	4.09	-	-
4100	1599	1564	0.96	1696	1.32	1841	1.76	1970	2.22	2096	2.71	2212	3.22	2323	3.74	2439	4.29	-	-
4300	1677	1628	1.08	1749	1.44	1891	1.89	2019	2.37	2139	2.87	2255	3.39	2362	3.93	-	-	-	-
4500	1755	1693	1.20	1806	1.57	1942	2.03	2068	2.52	2183	3.03	2298	3.57	2404	4.12	-	-	-	-
4700	1833	1757	1.33	1867	1.72	1994	2.18	2117	2.68	2231	3.21	2341	3.76	2447	4.33	-	-	-	-
4900	1911	1822	1.47	1929	1.87	2046	2.34	2168	2.86	2279	3.39	2385	3.96	-	-	-	-	-	-
5100	1989	1888	1.63	1992	2.04	2098	2.50	2218	3.04	2329	3.59	2432	4.17	-	-	-	-	-	-
5300	2067	1953	1.79	2054	2.22	2151	2.67	2270	3.23	2379	3.80	-	-	-	-	-	-	-	-
5500	2145	2019	1.97	2118	2.42	2208	2.87	2321	3.43	2429	4.01	-	-	-	-	-	-	-	-
5700	2223	2085	2.16	2181	2.62	2270	3.09	2373	3.64	-	-	-	-	-	-	-	-	-	-
5900	2301	2151	2.36	2245	2.84	2331	3.32	2426	3.86	-	-	-	-	-	-	-	-	-	-
6100	2379	2218	2.58	2309	3.07	2394	3.57	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 165 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.5"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
1550	505	729	0.17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1850	603	763	0.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2150	700	805	0.23	1027	0.48	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2450	798	853	0.28	1056	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2750	896	903	0.32	1097	0.59	1270	0.91	-	-	-	-	-	-	-	-	-	-	-	-
3050	993	962	0.38	1140	0.66	1300	0.99	1454	1.37	-	-	-	-	-	-	-	-	-	-
3350	1091	1025	0.46	1187	0.75	1341	1.08	1483	1.46	-	-	-	-	-	-	-	-	-	-
3650	1189	1090	0.54	1237	0.84	1383	1.19	1519	1.57	1649	2.00	-	-	-	-	-	-	-	-
3950	1287	1155	0.63	1288	0.94	1429	1.30	1560	1.70	1680	2.13	1801	2.61	-	-	-	-	-	-
4250	1384	1222	0.74	1347	1.06	1478	1.43	1602	1.84	1721	2.29	1830	2.75	1944	3.28	-	-	-	-
4550	1482	1290	0.85	1410	1.20	1529	1.58	1648	2.00	1763	2.46	1871	2.94	1973	3.45	2079	4.01	2179	4.60
4850	1580	1360	0.98	1474	1.35	1580	1.73	1697	2.17	1806	2.64	1913	3.14	2012	3.66	2108	4.20	2207	4.80
5150	1678	1431	1.13	1539	1.51	1638	1.91	1748	2.36	1853	2.84	1955	3.35	2054	3.89	2146	4.44	-	-
5450	1775	1502	1.29	1604	1.69	1701	2.11	1798	2.56	1902	3.06	1998	3.57	2096	4.13	2188	4.70	-	-
5750	1873	1573	1.47	1670	1.89	1764	2.33	1851	2.78	1952	3.29	2047	3.82	2138	4.38	-	-	-	-
6050	1971	1645	1.67	1737	2.11	1829	2.56	1913	3.03	2003	3.54	2097	4.09	2185	4.66	-	-	-	-
6350	2068	1717	1.88	1805	2.34	1894	2.82	1976	3.30	2055	3.81	2147	4.37	-	-	-	-	-	-
6650	2166	1789	2.11	1875	2.60	1959	3.09	2039	3.59	2115	4.11	2198	4.67	-	-	-	-	-	-
6950	2264	1862	2.36	1945	2.87	2025	3.38	2104	3.91	2178	4.44	-	-	-	-	-	-	-	-
7250	2362	1935	2.64	2015	3.16	2092	3.70	2169	4.24	-	-	-	-	-	-	-	-	-	-
7550	2459	2009	2.94	2086	3.48	2159	4.04	-	-	-	-	-	-	-	-	-	-	-	-
7850	2557	2082	3.25	2157	3.82	-	-	-	-	-	-	-	-	-	-	-	-	-	-
8150	2655	2156	3.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 182 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.5"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
3400	953	821	0.40	996	0.73	1150	1.12	-	-	-	-	-	-	-	-	-	-	-	-
3700	1038	865	0.46	1027	0.80	1172	1.20	1312	1.66	-	-	-	-	-	-	-	-	-	-
4000	1122	911	0.53	1061	0.88	1203	1.29	1334	1.76	-	-	-	-	-	-	-	-	-	-
4300	1206	959	0.61	1098	0.97	1234	1.40	1356	1.85	1479	2.39	-	-	-	-	-	-	-	-
4600	1290	1007	0.70	1135	1.07	1265	1.50	1387	1.98	1500	2.50	1612	3.08	-	-	-	-	-	-
4900	1374	1056	0.79	1173	1.17	1300	1.62	1418	2.12	1526	2.64	1633	3.22	1736	3.85	-	-	-	-
5200	1458	1105	0.90	1218	1.30	1337	1.76	1449	2.26	1556	2.80	1655	3.37	1758	4.02	1854	4.69	-	-
5500	1542	1155	1.02	1264	1.43	1374	1.90	1482	2.41	1587	2.97	1685	3.56	1779	4.18	1875	4.87	1965	5.58
5800	1626	1207	1.14	1311	1.58	1411	2.05	1518	2.58	1618	3.14	1715	3.75	1806	4.38	1896	5.05	1986	5.78
6100	1711	1259	1.28	1359	1.74	1450	2.21	1555	2.76	1651	3.33	1746	3.95	1836	4.60	1920	5.26	2007	5.99
6400	1795	1311	1.44	1407	1.91	1496	2.40	1592	2.95	1687	3.54	1778	4.17	1867	4.83	1951	5.52	-	-
6700	1879	1363	1.60	1456	2.10	1543	2.60	1630	3.15	1724	3.77	1811	4.40	1898	5.07	1981	5.77	-	-
7000	1963	1416	1.78	1504	2.29	1590	2.82	1668	3.37	1761	4.00	1847	4.65	1929	5.32	2012	6.05	-	-
7300	2047	1469	1.97	1554	2.51	1637	3.05	1714	3.62	1798	4.24	1884	4.92	1963	5.60	-	-	-	-
7600	2131	1522	2.17	1604	2.74	1685	3.30	1760	3.88	1836	4.50	1921	5.19	2000	5.90	-	-	-	-
7900	2215	1576	2.40	1655	2.98	1733	3.56	1807	4.16	1876	4.78	1958	5.48	-	-	-	-	-	-
8200	2299	1629	2.63	1706	3.23	1782	3.84	1854	4.46	1922	5.10	1996	5.79	-	-	-	-	-	-
8500	2384	1683	2.89	1758	3.51	1831	4.14	1902	4.78	1968	5.42	-	-	-	-	-	-	-	-
8800	2468	1737	3.16	1810	3.80	1880	4.45	1950	5.11	2015	5.78	-	-	-	-	-	-	-	-
9100	2552	1791	3.45	1862	4.11	1929	4.78	1998	5.46	-	-	-	-	-	-	-	-	-	-
9400	2636	1846	3.76	1915	4.44	1980	5.13	-	-	-	-	-	-	-	-	-	-	-	-
9700	2720	1900	4.09	1967	4.78	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10000	2804	1955	4.44	2020	5.15	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 200 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.5"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4200	975	761	0.51	918	0.91	1056	1.38	-	-	-	-	-	-	-	-	-	-	-	-
4500	1045	796	0.57	942	0.98	1074	1.46	1201	2.02	-	-	-	-	-	-	-	-	-	-
4800	1115	831	0.64	968	1.06	1097	1.55	1217	2.11	-	-	-	-	-	-	-	-	-	-
5100	1184	867	0.72	996	1.15	1121	1.65	1233	2.20	1346	2.84	-	-	-	-	-	-	-	-
5400	1254	904	0.80	1024	1.24	1144	1.76	1256	2.33	1362	2.96	1464	3.65	-	-	-	-	-	-
5700	1324	940	0.89	1053	1.34	1169	1.87	1279	2.46	1378	3.08	1480	3.78	-	-	-	-	-	-
6000	1393	978	0.99	1083	1.45	1197	2.00	1303	2.60	1401	3.23	1497	3.93	1591	4.69	-	-	-	-
6300	1463	1015	1.10	1118	1.58	1225	2.13	1327	2.74	1424	3.39	1514	4.08	1607	4.85	1694	5.65	-	-
6600	1533	1054	1.22	1153	1.72	1253	2.27	1352	2.89	1448	3.56	1537	4.27	1623	5.02	1710	5.84	1793	6.70
6900	1602	1093	1.35	1189	1.86	1282	2.43	1379	3.06	1472	3.74	1560	4.46	1643	5.21	1727	6.03	1809	6.90
7200	1672	1132	1.48	1225	2.02	1311	2.59	1407	3.24	1496	3.93	1584	4.66	1666	5.43	1743	6.22	1825	7.11
7500	1741	1171	1.63	1261	2.18	1343	2.76	1435	3.42	1522	4.12	1607	4.87	1689	5.66	1765	6.46	1841	7.32
7800	1811	1211	1.78	1298	2.36	1379	2.96	1464	3.62	1550	4.34	1631	5.09	1712	5.89	1789	6.73	-	-
8100	1881	1251	1.95	1335	2.55	1414	3.16	1493	3.83	1578	4.56	1657	5.32	1736	6.14	1812	6.98	-	-
8400	1950	1291	2.13	1372	2.75	1450	3.38	1522	4.04	1606	4.79	1685	5.58	1760	6.39	1836	7.26	-	-
8700	2020	1331	2.32	1409	2.96	1486	3.61	1556	4.29	1635	5.04	1713	5.85	1785	6.66	-	-	-	-
9000	2090	1372	2.52	1447	3.18	1522	3.85	1591	4.55	1663	5.29	1741	6.12	1813	6.96	-	-	-	-
9300	2159	1412	2.74	1486	3.42	1559	4.11	1627	4.82	1692	5.56	1769	6.40	1841	7.26	-	-	-	-
9600	2229	1453	2.97	1525	3.67	1595	4.38	1662	5.11	1725	5.86	1797	6.69	-	-	-	-	-	-
9900	2299	1494	3.21	1564	3.93	1632	4.66	1698	5.41	1760	6.18	1826	7.00	-	-	-	-	-	-
10500	2438	1576	3.74	1643	4.50	1707	5.27	1771	6.06	1831	6.86	-	-	-	-	-	-	-	-
11100	2577	1658	4.32	1722	5.12	1782	5.94	1844	6.76	-	-	-	-	-	-	-	-	-	-
11700	2717	1741	4.97	1802	5.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.



## MXF 222 Air Performance

CFM	OV	0.5"SP		1"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP		4.5"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
4750	895	653	0.55	800	1.03	932	1.60	-	-	-	-	-	-	-	-	-	-	-	-
5100	961	677	0.61	819	1.10	945	1.68	-	-	-	-	-	-	-	-	-	-	-	-
5450	1027	705	0.68	839	1.18	959	1.77	1075	2.46	-	-	-	-	-	-	-	-	-	-
5800	1093	735	0.76	861	1.27	978	1.87	1088	2.56	-	-	-	-	-	-	-	-	-	-
6150	1159	765	0.84	884	1.37	998	1.99	1102	2.68	1204	3.46	-	-	-	-	-	-	-	-
6500	1225	796	0.94	908	1.48	1018	2.11	1119	2.81	1217	3.59	1309	4.43	-	-	-	-	-	-
6850	1291	827	1.04	932	1.59	1038	2.23	1138	2.95	1231	3.73	1323	4.59	-	-	-	-	-	-
7200	1357	858	1.15	956	1.71	1061	2.38	1158	3.11	1247	3.88	1336	4.75	1421	5.68	-	-	-	-
7550	1423	890	1.27	984	1.85	1084	2.53	1178	3.27	1266	4.06	1350	4.92	1435	5.87	1514	6.86	-	-
7900	1489	922	1.40	1013	2.00	1108	2.69	1198	3.44	1286	4.26	1367	5.12	1448	6.05	1527	7.06	-	-
8250	1555	955	1.54	1043	2.16	1132	2.86	1221	3.63	1306	4.45	1386	5.33	1462	6.25	1541	7.28	1615	8.35
8600	1621	988	1.69	1074	2.34	1156	3.03	1244	3.82	1326	4.66	1406	5.56	1480	6.49	1554	7.49	1628	8.58
8950	1687	1021	1.85	1104	2.52	1181	3.22	1268	4.03	1347	4.88	1426	5.80	1499	6.74	1569	7.74	1642	8.83
9300	1753	1055	2.02	1135	2.71	1209	3.43	1291	4.24	1370	5.12	1446	6.04	1519	7.01	1588	8.02	1656	9.08
9650	1819	1088	2.20	1166	2.92	1239	3.66	1316	4.48	1393	5.37	1466	6.30	1539	7.29	1608	8.32	-	-
10000	1885	1122	2.40	1198	3.14	1269	3.90	1340	4.72	1417	5.63	1488	6.57	1559	7.57	1627	8.62	-	-
10700	2017	1190	2.83	1261	3.62	1330	4.42	1393	5.25	1465	6.19	1535	7.17	1600	8.18	-	-	-	-
11400	2149	1259	3.31	1325	4.15	1391	4.99	1453	5.87	1513	6.78	1582	7.81	1647	8.87	-	-	-	-
12100	2280	1328	3.85	1391	4.73	1453	5.62	1513	6.54	1569	7.48	1631	8.51	-	-	-	-	-	-
12800	2412	1397	4.44	1458	5.37	1516	6.31	1574	7.27	1629	8.26	-	-	-	-	-	-	-	-
13500	2544	1467	5.11	1525	6.08	1580	7.08	1636	8.07	-	-	-	-	-	-	-	-	-	-
14200	2676	1537	5.84	1593	6.86	1645	7.90	-	-	-	-	-	-	-	-	-	-	-	-
14900	2808	1607	6.64	1661	7.71	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 245 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6000	929	605	0.70	736	1.29	794	1.62	853	2.00	-	-	-	-	-	-	-	-	-	-
6300	975	621	0.76	749	1.36	806	1.70	862	2.07	-	-	-	-	-	-	-	-	-	-
6600	1021	640	0.82	762	1.43	819	1.78	871	2.14	-	-	-	-	-	-	-	-	-	-
6900	1068	659	0.89	775	1.51	831	1.86	883	2.23	984	3.06	-	-	-	-	-	-	-	-
7200	1114	678	0.96	790	1.59	844	1.95	895	2.32	993	3.16	-	-	-	-	-	-	-	-
7500	1161	698	1.03	805	1.67	857	2.04	908	2.42	1002	3.26	-	-	-	-	-	-	-	-
7800	1207	718	1.12	820	1.76	871	2.13	921	2.53	1012	3.36	1103	4.32	-	-	-	-	-	-
8100	1254	737	1.20	836	1.86	886	2.24	934	2.64	1025	3.49	1112	4.44	-	-	-	-	-	-
8400	1300	757	1.29	851	1.96	901	2.35	947	2.75	1038	3.62	1121	4.56	1204	5.61	-	-	-	-
8700	1346	778	1.39	867	2.07	916	2.46	962	2.87	1050	3.75	1131	4.69	1213	5.75	-	-	-	-
9000	1393	798	1.49	883	2.17	932	2.58	977	3.00	1063	3.89	1144	4.85	1222	5.90	1298	7.02	-	-
9300	1439	818	1.59	902	2.30	947	2.70	992	3.13	1076	4.03	1156	5.01	1230	6.03	1307	7.19	-	-
9600	1486	839	1.71	922	2.44	963	2.83	1007	3.27	1089	4.18	1169	5.17	1242	6.21	1316	7.36	1387	8.57
9900	1532	860	1.83	941	2.57	979	2.97	1023	3.41	1103	4.33	1182	5.35	1255	6.41	1325	7.53	1396	8.76
10500	1625	902	2.08	980	2.87	1016	3.28	1054	3.72	1133	4.67	1208	5.70	1280	6.79	1347	7.92	-	-
11100	1718	945	2.36	1019	3.19	1054	3.61	1087	4.05	1164	5.04	1235	6.08	1306	7.21	1372	8.37	-	-
11700	1811	988	2.67	1059	3.54	1093	3.98	1125	4.43	1195	5.43	1265	6.50	1332	7.64	1398	8.85	-	-
12300	1904	1032	3.01	1099	3.91	1132	4.38	1164	4.85	1226	5.84	1296	6.96	1360	8.11	-	-	-	-
12900	1996	1076	3.39	1140	4.33	1172	4.81	1203	5.30	1260	6.30	1326	7.43	1390	8.62	-	-	-	-
13500	2089	1120	3.79	1181	4.77	1212	5.27	1242	5.78	1299	6.83	1358	7.95	-	-	-	-	-	-
14100	2182	1164	4.22	1223	5.25	1253	5.77	1282	6.30	1337	7.37	1389	8.48	-	-	-	-	-	-
14700	2275	1208	4.69	1265	5.75	1293	6.30	1322	6.85	1376	7.96	-	-	-	-	-	-	-	-
15300	2368	1252	5.19	1308	6.30	1335	6.88	1362	7.43	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 270 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
8000	1020	580	0.99	691	1.74	742	2.15	790	2.60	885	3.61	-	-	-	-	-	-	-	-
8300	1058	594	1.06	701	1.81	752	2.24	799	2.69	891	3.69	-	-	-	-	-	-	-	-
8600	1096	608	1.13	712	1.89	761	2.32	808	2.78	898	3.79	-	-	-	-	-	-	-	-
8900	1134	623	1.20	723	1.98	771	2.41	817	2.87	905	3.89	988	5.02	-	-	-	-	-	-
9200	1172	638	1.28	734	2.06	781	2.50	827	2.98	911	3.98	995	5.14	-	-	-	-	-	-
9500	1211	652	1.36	746	2.16	791	2.60	837	3.09	920	4.10	1001	5.25	-	-	-	-	-	-
9800	1249	667	1.44	757	2.25	802	2.70	846	3.18	929	4.22	1008	5.37	1084	6.63	-	-	-	-
10400	1325	697	1.63	780	2.45	825	2.92	867	3.42	948	4.49	1021	5.61	1097	6.91	-	-	-	-
11000	1402	727	1.83	805	2.67	848	3.16	889	3.67	967	4.76	1040	5.93	1110	7.19	1180	8.58	-	-
11600	1478	758	2.05	833	2.93	871	3.41	912	3.94	986	5.04	1059	6.25	1125	7.50	1193	8.91	1258	10.39
12200	1555	789	2.29	862	3.20	895	3.68	935	4.23	1008	5.37	1078	6.59	1144	7.89	1206	9.24	1271	10.76
12800	1631	821	2.55	891	3.50	924	4.00	958	4.53	1030	5.70	1097	6.94	1163	8.28	1224	9.66	-	-
13400	1708	853	2.83	921	3.83	953	4.35	982	4.86	1053	6.07	1118	7.34	1182	8.69	1243	10.11	-	-
14000	1784	886	3.14	951	4.18	982	4.71	1011	5.25	1076	6.45	1140	7.75	1201	9.11	1262	10.58	-	-
14600	1861	918	3.46	981	4.55	1011	5.09	1040	5.66	1099	6.85	1163	8.20	1222	9.58	-	-	-	-
15200	1937	951	3.82	1011	4.94	1040	5.50	1069	6.09	1123	7.29	1186	8.66	1244	10.08	-	-	-	-
15800	2014	983	4.19	1041	5.35	1070	5.94	1098	6.54	1150	7.76	1209	9.15	1266	10.58	-	-	-	-
16400	2090	1016	4.60	1072	5.80	1100	6.40	1127	7.02	1178	8.27	1232	9.65	-	-	-	-	-	-
17000	2166	1049	5.03	1103	6.27	1130	6.89	1157	7.53	1207	8.83	1256	10.19	-	-	-	-	-	-
17600	2243	1082	5.49	1135	6.78	1161	7.43	1187	8.08	1236	9.40	-	-	-	-	-	-	-	-
18200	2319	1115	5.97	1167	7.31	1191	7.97	1217	8.65	1266	10.03	-	-	-	-	-	-	-	-
18800	2396	1149	6.51	1199	7.87	1222	8.55	1247	9.25	-	-	-	-	-	-	-	-	-	-
19400	2472	1182	7.05	1231	8.46	1254	9.17	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 300 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		2"SP		2.5"SP		3"SP		3.5"SP		4"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
9000	929	494	1.05	601	1.94	649	2.44	697	3.00	-	-	-	-	-	-	-	-	-	-
9350	965	504	1.12	610	2.02	656	2.52	702	3.07	-	-	-	-	-	-	-	-	-	-
9700	1001	516	1.19	618	2.10	664	2.61	708	3.16	-	-	-	-	-	-	-	-	-	-
10400	1073	540	1.34	635	2.28	680	2.80	722	3.36	805	4.62	-	-	-	-	-	-	-	-
11100	1146	565	1.51	654	2.47	697	3.02	738	3.58	816	4.84	891	6.24	-	-	-	-	-	-
11800	1218	590	1.70	673	2.68	714	3.23	755	3.83	829	5.08	902	6.51	-	-	-	-	-	-
12500	1290	615	1.90	693	2.91	733	3.48	771	4.08	845	5.38	914	6.80	982	8.37	-	-	-	-
13200	1362	641	2.13	713	3.16	753	3.76	790	4.37	861	5.69	927	7.11	993	8.70	1056	10.39	-	-
13900	1434	667	2.38	736	3.44	772	4.03	809	4.67	878	6.03	943	7.48	1004	9.03	1067	10.77	-	-
14600	1507	693	2.65	760	3.75	792	4.33	828	4.99	895	6.38	959	7.86	1019	9.44	1078	11.15	1136	12.97
15300	1579	720	2.93	785	4.08	814	4.67	848	5.34	913	6.75	976	8.28	1035	9.89	1090	11.56	1147	13.41
16000	1651	747	3.24	809	4.43	838	5.04	868	5.71	933	7.17	992	8.69	1051	10.35	1106	12.07	-	-
16700	1723	774	3.57	834	4.81	863	5.46	890	6.11	952	7.59	1010	9.15	1068	10.85	1122	12.59	-	-
17400	1796	802	3.94	860	5.22	888	5.89	914	6.56	972	8.05	1029	9.64	1084	11.34	1138	13.13	-	-
18100	1868	829	4.32	885	5.65	912	6.33	938	7.02	992	8.53	1049	10.18	1101	11.87	-	-	-	-
18800	1940	857	4.73	911	6.12	938	6.83	963	7.53	1012	9.03	1068	10.71	1120	12.45	-	-	-	-
19500	2012	885	5.18	937	6.61	963	7.33	988	8.07	1035	9.59	1088	11.29	1140	13.09	-	-	-	-
20200	2085	913	5.65	963	7.13	988	7.86	1013	8.63	1059	10.18	1108	11.89	-	-	-	-	-	-
20900	2157	941	6.15	989	7.67	1014	8.44	1038	9.22	1083	10.81	1128	12.51	-	-	-	-	-	-
21600	2229	969	6.68	1016	8.24	1040	9.05	1064	9.87	1108	11.49	1150	13.18	-	-	-	-	-	-
22300	2301	997	7.24	1043	8.85	1066	9.69	1089	10.51	1133	12.20	-	-	-	-	-	-	-	-
23000	2374	1025	7.83	1071	9.52	1092	10.36	1115	11.21	-	-	-	-	-	-	-	-	-	-
23700	2446	1054	8.48	1098	10.19	1119	11.06	1141	11.95	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 330 Air Performance

CFM	OV	0.5"SP		0.75"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
11000	938	452	1.30	502	1.81	591	2.97	635	3.65	-	-	-	-	-	-	-	-	-	-
11700	998	468	1.43	516	1.96	603	3.15	643	3.81	683	4.54	-	-	-	-	-	-	-	-
12400	1058	486	1.58	531	2.12	615	3.34	653	4.00	692	4.75	729	5.52	-	-	-	-	-	-
13100	1118	505	1.75	545	2.28	627	3.54	665	4.22	701	4.95	738	5.75	773	6.58	-	-	-	-
13800	1177	523	1.92	560	2.47	640	3.76	678	4.47	713	5.21	746	5.97	781	6.81	815	7.71	-	-
14500	1237	542	2.12	577	2.67	654	4.00	690	4.71	725	5.47	758	6.26	790	7.08	823	7.97	-	-
15200	1297	561	2.33	596	2.91	668	4.24	702	4.96	737	5.74	770	6.56	801	7.39	831	8.24	893	10.15
15900	1356	580	2.55	614	3.15	683	4.52	716	5.24	749	6.03	782	6.86	813	7.72	842	8.58	-	-
16600	1416	600	2.80	633	3.42	697	4.78	731	5.56	762	6.34	794	7.18	825	8.06	854	8.95	-	-
17300	1476	619	3.05	652	3.71	712	5.08	745	5.87	776	6.67	807	7.54	837	8.41	866	9.33	-	-
18000	1536	639	3.32	671	4.01	727	5.39	760	6.21	791	7.04	820	7.89	849	8.78	878	9.71	-	-
18700	1595	660	3.63	690	4.32	745	5.75	775	6.56	805	7.40	834	8.27	862	9.18	890	10.11	-	-
19400	1655	680	3.94	709	4.66	763	6.13	790	6.93	820	7.80	849	8.70	876	9.61	-	-	-	-
20100	1715	701	4.28	728	5.01	782	6.55	806	7.32	835	8.21	863	9.11	890	10.04	-	-	-	-
20800	1774	721	4.62	748	5.40	800	6.95	824	7.76	850	8.63	878	9.57	-	-	-	-	-	-
21500	1834	742	5.00	767	5.78	819	7.41	842	8.21	865	9.07	893	10.04	-	-	-	-	-	-
22200	1894	763	5.40	788	6.22	838	7.88	861	8.72	883	9.57	-	-	-	-	-	-	-	-
22900	1954	783	5.81	808	6.66	856	8.34	879	9.21	-	-	-	-	-	-	-	-	-	-
23600	2013	804	6.25	828	7.12	876	8.89	898	9.76	-	-	-	-	-	-	-	-	-	-
24300	2073	825	6.72	849	7.62	895	9.42	-	-	-	-	-	-	-	-	-	-	-	-
25000	2133	846	7.21	869	8.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25700	2192	868	7.75	890	8.67	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26400	2252	889	8.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 365 Air Performance

CFM	OV	0.5"SP		0.75"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
14000	976	417	1.68	462	2.33	541	3.77	579	4.60	615	5.48	-	-	-	-	-	-	-	-
14800	1032	432	1.85	474	2.50	551	3.98	586	4.79	622	5.69	656	6.64	-	-	-	-	-	-
15600	1088	448	2.04	486	2.69	562	4.22	596	5.04	629	5.91	663	6.89	695	7.90	-	-	-	-
16400	1143	464	2.24	499	2.90	572	4.44	606	5.29	638	6.18	670	7.14	702	8.17	732	9.22	-	-
17200	1199	479	2.44	512	3.11	583	4.70	617	5.58	648	6.47	678	7.42	709	8.45	739	9.53	-	-
18000	1255	495	2.66	527	3.36	595	4.98	627	5.85	659	6.80	688	7.75	716	8.73	746	9.84	803	12.18
18800	1311	512	2.92	543	3.64	607	5.26	638	6.16	669	7.11	699	8.12	726	9.10	754	10.19	810	12.54
19600	1367	528	3.18	558	3.91	620	5.59	650	6.49	680	7.46	709	8.47	737	9.52	763	10.57	817	12.92
20400	1422	544	3.45	574	4.22	632	5.90	662	6.83	690	7.79	719	8.83	747	9.91	773	10.98	-	-
21200	1478	561	3.76	590	4.54	645	6.25	674	7.19	703	8.21	730	9.23	757	10.30	783	11.41	-	-
22000	1534	578	4.07	606	4.89	657	6.59	687	7.59	715	8.61	741	9.64	768	10.75	794	11.89	-	-
22800	1590	595	4.41	622	5.25	672	7.00	699	7.97	727	9.02	753	10.08	778	11.18	804	12.34	-	-
23600	1645	612	4.76	638	5.62	687	7.42	712	8.40	739	9.45	765	10.54	790	11.67	814	12.80	-	-
24400	1701	629	5.12	655	6.05	703	7.89	725	8.83	752	9.93	778	11.06	802	12.17	-	-	-	-
25200	1757	647	5.54	671	6.46	719	8.37	740	9.32	764	10.38	790	11.55	814	12.69	-	-	-	-
26000	1813	664	5.95	688	6.93	734	8.85	756	9.87	777	10.89	802	12.05	-	-	-	-	-	-
26800	1869	682	6.40	704	7.37	750	9.38	771	10.40	792	11.47	815	12.61	-	-	-	-	-	-
27600	1924	699	6.86	722	7.89	766	9.93	787	10.98	807	12.05	-	-	-	-	-	-	-	-
28400	1980	717	7.36	739	8.41	782	10.50	803	11.59	-	-	-	-	-	-	-	-	-	-
29200	2036	735	7.89	756	8.94	798	11.10	819	12.23	-	-	-	-	-	-	-	-	-	-
30000	2092	752	8.41	773	9.50	814	11.71	-	-	-	-	-	-	-	-	-	-	-	-
30800	2147	770	8.99	791	10.12	-	-	-	-	-	-	-	-	-	-	-	-	-	-
31600	2203	788	9.60	808	10.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 402 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
16000	920	366	1.87	446	3.44	482	4.34	518	5.35	-	-	-	-	-	-	-	-	-	-
17000	977	378	2.04	456	3.67	491	4.59	525	5.59	558	6.67	-	-	-	-	-	-	-	-
18000	1035	392	2.25	466	3.92	500	4.85	532	5.84	564	6.92	595	8.08	-	-	-	-	-	-
19000	1092	407	2.49	476	4.17	510	5.14	541	6.14	571	7.21	602	8.41	631	9.64	-	-	-	-
20000	1150	421	2.72	487	4.44	519	5.41	550	6.45	579	7.53	608	8.70	637	9.96	664	11.23	-	-
21000	1207	436	2.99	499	4.76	530	5.76	560	6.80	589	7.92	616	9.07	644	10.33	671	11.63	-	-
22000	1265	451	3.28	510	5.06	541	6.10	570	7.17	598	8.29	625	9.47	651	10.71	678	12.05	729	14.87
23000	1322	466	3.59	522	5.40	552	6.45	580	7.54	608	8.70	635	9.92	660	11.15	684	12.41	735	15.29
24000	1380	481	3.91	534	5.77	564	6.86	591	7.95	618	9.14	644	10.35	669	11.61	693	12.91	742	15.79
25000	1437	497	4.28	548	6.18	575	7.24	603	8.42	628	9.57	654	10.83	679	12.13	703	13.47	748	16.23
26000	1495	512	4.65	562	6.60	587	7.68	614	8.85	640	10.09	664	11.33	689	12.67	712	13.99	-	-
27000	1552	528	5.05	577	7.08	599	8.13	626	9.35	651	10.59	675	11.87	698	13.16	722	14.58	-	-
28000	1610	544	5.48	591	7.55	613	8.64	637	9.83	662	11.10	686	12.42	709	13.78	732	15.19	-	-
29000	1667	560	5.93	606	8.08	628	9.21	649	10.36	674	11.68	697	12.99	720	14.39	742	15.81	-	-
30000	1725	576	6.40	621	8.63	642	9.77	662	10.94	686	12.28	709	13.63	731	15.02	-	-	-	-
31000	1782	592	6.90	636	9.20	657	10.39	677	11.61	697	12.85	721	14.30	742	15.66	-	-	-	-
32000	1840	609	7.46	651	9.81	671	10.99	691	12.25	710	13.53	732	14.92	-	-	-	-	-	-
33000	1897	625	8.02	666	10.44	686	11.67	705	12.92	724	14.25	744	15.63	-	-	-	-	-	-
34000	1955	641	8.60	681	11.10	701	12.37	720	13.67	738	14.99	-	-	-	-	-	-	-	-
35000	2012	658	9.25	697	11.83	716	13.11	735	14.45	-	-	-	-	-	-	-	-	-	-
36000	2070	674	9.90	712	12.55	731	13.87	750	15.26	-	-	-	-	-	-	-	-	-	-
37000	2127	691	10.62	728	13.34	746	14.66	-	-	-	-	-	-	-	-	-	-	-	-
38000	2185	707	11.32	743	14.09	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 445 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
20000	938	335	2.36	407	4.32	438	5.39	471	6.65	-	-	-	-	-	-	-	-	-	-
21200	994	346	2.58	415	4.57	447	5.72	477	6.94	506	8.23	-	-	-	-	-	-	-	-
22400	1051	359	2.84	424	4.87	455	6.03	484	7.27	512	8.57	540	10.00	-	-	-	-	-	-
23600	1107	372	3.13	434	5.21	464	6.39	492	7.63	518	8.91	546	10.38	572	11.88	-	-	-	-
24800	1163	385	3.43	444	5.55	472	6.72	500	8.00	527	9.38	552	10.77	578	12.30	603	13.91	-	-
26000	1220	398	3.75	454	5.91	482	7.14	509	8.44	535	9.81	559	11.19	584	12.74	609	14.38	-	-
27200	1276	411	4.09	464	6.29	492	7.57	518	8.89	543	10.25	568	11.74	591	13.23	614	14.79	660	18.24
28400	1332	425	4.48	475	6.72	502	8.01	527	9.34	552	10.76	576	12.23	599	13.77	621	15.35	666	18.81
29600	1388	438	4.87	485	7.13	512	8.47	537	9.84	561	11.29	585	12.81	607	14.32	629	15.94	672	19.38
30800	1445	452	5.31	498	7.64	522	8.94	547	10.37	570	11.81	593	13.34	616	14.96	637	16.55	-	-
32000	1501	466	5.78	511	8.18	533	9.49	557	10.91	580	12.40	602	13.95	625	15.62	646	17.26	-	-
33200	1557	480	6.26	524	8.75	544	10.05	568	11.54	590	13.01	612	14.61	633	16.22	655	17.98	-	-
34400	1614	494	6.77	537	9.34	557	10.69	578	12.12	601	13.71	622	15.29	642	16.90	663	18.64	-	-
35600	1670	508	7.30	550	9.96	569	11.31	589	12.79	611	14.37	632	15.99	652	17.65	672	19.40	-	-
36800	1726	523	7.91	563	10.61	582	12.01	600	13.44	621	15.04	642	16.72	662	18.42	-	-	-	-
38000	1782	537	8.50	576	11.29	595	12.74	613	14.23	632	15.81	653	17.54	672	19.21	-	-	-	-
39200	1839	551	9.13	590	12.06	608	13.50	626	15.04	643	16.60	663	18.31	-	-	-	-	-	-
40400	1895	566	9.83	603	12.79	621	14.30	639	15.89	655	17.42	673	19.10	-	-	-	-	-	-
41600	1951	581	10.58	617	13.63	635	15.19	652	16.77	668	18.35	-	-	-	-	-	-	-	-
42800	2008	595	11.30	630	14.43	648	16.05	665	17.68	-	-	-	-	-	-	-	-	-	-
44000	2064	610	12.12	644	15.34	661	16.94	-	-	-	-	-	-	-	-	-	-	-	-
45200	2120	624	12.91	658	16.28	675	17.94	-	-	-	-	-	-	-	-	-	-	-	-
46400	2176	639	13.81	672	17.23	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 490 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
25000	967	309	2.99	373	5.38	402	6.74	430	8.21	457	9.80	-	-	-	-	-	-	-	-
26500	1025	321	3.31	382	5.77	410	7.14	436	8.60	463	10.23	488	11.92	-	-	-	-	-	-
28000	1083	333	3.65	390	6.13	418	7.57	444	9.08	468	10.62	494	12.42	517	14.17	-	-	-	-
29500	1141	345	4.01	399	6.53	426	8.00	451	9.51	475	11.12	499	12.85	523	14.73	545	16.60	-	-
31000	1199	357	4.40	409	7.01	434	8.45	459	10.02	483	11.68	505	13.36	528	15.22	551	17.22	-	-
32500	1257	370	4.85	419	7.50	444	9.01	468	10.61	491	12.27	513	14.00	534	15.80	556	17.76	598	21.94
34000	1315	382	5.28	428	7.97	453	9.54	476	11.15	499	12.87	521	14.66	542	16.51	562	18.41	603	22.57
35500	1373	395	5.79	438	8.51	463	10.14	485	11.75	507	13.49	529	15.33	550	17.25	569	19.11	609	23.33
37000	1432	407	6.29	450	9.15	472	10.71	495	12.45	516	14.20	537	16.03	558	18.00	577	19.92	614	23.99
38500	1490	420	6.86	462	9.81	482	11.37	504	13.10	525	14.90	545	16.75	566	18.78	585	20.75	-	-
40000	1548	433	7.45	474	10.50	492	12.05	514	13.85	535	15.72	554	17.55	574	19.58	593	21.60	-	-
41500	1606	447	8.13	486	11.22	504	12.84	524	14.62	544	16.47	564	18.46	582	20.39	601	22.47	-	-
43000	1664	460	8.78	498	11.98	516	13.67	533	15.35	554	17.34	573	19.30	591	21.28	609	23.37	-	-
44500	1722	473	9.48	510	12.78	528	14.53	544	16.23	563	18.15	583	20.27	601	22.32	618	24.37	-	-
46000	1780	487	10.27	523	13.68	540	15.42	556	17.19	573	19.08	592	21.16	610	23.27	-	-	-	-
47500	1838	501	11.11	535	14.55	552	16.36	568	18.19	583	20.03	602	22.19	-	-	-	-	-	-
49000	1896	514	11.92	548	15.54	565	17.43	580	19.23	595	21.14	612	23.26	-	-	-	-	-	-
50500	1954	528	12.85	561	16.58	577	18.44	592	20.31	607	22.28	-	-	-	-	-	-	-	-
52000	2012	541	13.75	573	17.57	589	19.50	605	21.54	619	23.47	-	-	-	-	-	-	-	-
53500	2070	555	14.77	586	18.70	602	20.70	617	22.71	-	-	-	-	-	-	-	-	-	-
55000	2128	569	15.84	599	19.86	615	21.95	-	-	-	-	-	-	-	-	-	-	-	-
56500	2186	583	16.97	612	21.04	-	-	-	-	-	-	-	-	-	-	-	-	-	-
58000	2244	597	18.14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 542 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
30000	949	276	3.55	335	6.48	361	8.12	387	9.94	-	-	-	-	-	-	-	-	-	-
31800	1006	286	3.91	342	6.89	368	8.60	392	10.38	416	12.33	-	-	-	-	-	-	-	-
33600	1063	296	4.28	349	7.32	375	9.09	398	10.88	421	12.83	444	14.97	-	-	-	-	-	-
35400	1120	307	4.72	357	7.80	382	9.60	405	11.46	426	13.34	449	15.55	470	17.75	-	-	-	-
37200	1176	318	5.19	366	8.37	389	10.13	412	12.05	433	14.00	454	16.14	475	18.40	495	20.73	-	-
39000	1233	329	5.69	374	8.89	397	10.74	419	12.67	440	14.69	460	16.80	480	19.06	500	21.45	-	-
40800	1290	340	6.22	383	9.51	405	11.36	426	13.31	447	15.39	467	17.56	486	19.81	505	22.18	543	27.37
42600	1347	351	6.79	391	10.09	414	12.09	434	14.03	454	16.12	474	18.36	493	20.67	511	23.03	548	28.23
44400	1404	362	7.39	401	10.82	422	12.76	442	14.77	462	16.97	481	19.17	500	21.55	518	23.98	552	28.95
46200	1461	373	8.03	411	11.54	431	13.54	451	15.64	470	17.82	488	20.01	507	22.46	525	24.95	558	29.99
48000	1518	385	8.76	422	12.38	439	14.27	459	16.43	478	18.68	496	20.99	514	23.39	532	25.95	-	-
49800	1575	396	9.45	432	13.17	449	15.18	468	17.36	486	19.57	504	21.95	521	24.35	539	26.97	-	-
51600	1632	408	10.24	443	14.10	459	16.08	476	18.21	495	20.62	512	22.95	529	25.44	546	28.03	-	-
53400	1689	420	11.09	454	15.06	470	17.13	485	19.21	503	21.57	521	24.11	537	26.53	553	29.10	-	-
55200	1746	432	11.98	465	16.07	481	18.22	495	20.28	512	22.69	529	25.16	546	27.81	-	-	-	-
57000	1803	444	12.92	476	17.12	491	19.24	506	21.50	521	23.84	538	26.40	554	28.97	-	-	-	-
58800	1860	456	13.90	487	18.22	502	20.43	517	22.77	530	24.98	546	27.52	-	-	-	-	-	-
60600	1917	468	14.94	498	19.37	513	21.66	527	23.95	541	26.38	555	28.83	-	-	-	-	-	-
62400	1973	480	16.03	510	20.69	524	22.94	538	25.32	551	27.68	-	-	-	-	-	-	-	-
64200	2030	492	17.18	521	21.94	535	24.27	549	26.74	-	-	-	-	-	-	-	-	-	-
66000	2087	504	18.38	532	23.24	546	25.66	-	-	-	-	-	-	-	-	-	-	-	-
67800	2144	516	19.63	544	24.72	557	27.10	-	-	-	-	-	-	-	-	-	-	-	-
69600	2201	529	21.07	555	26.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.

## MXF 600 Air Performance

CFM	OV	0.5"SP		1"SP		1.25"SP		1.5"SP		1.75"SP		2"SP		2.25"SP		2.5"SP		3"SP	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
35000	903	244	4.07	298	7.55	322	9.51	346	11.71	-	-	-	-	-	-	-	-	-	-
37200	960	251	4.41	304	8.01	327	9.99	351	12.29	373	14.65	-	-	-	-	-	-	-	-
39400	1017	260	4.85	311	8.57	334	10.63	355	12.77	377	15.20	-	-	-	-	-	-	-	-
41600	1074	270	5.37	317	9.07	340	11.21	361	13.43	382	15.88	402	18.41	-	-	-	-	-	-
43800	1130	280	5.91	325	9.73	347	11.91	367	14.10	387	16.55	407	19.18	426	21.89	-	-	-	-
46000	1187	289	6.43	332	10.33	353	12.53	374	14.92	393	17.33	411	19.83	431	22.76	449	25.63	-	-
48200	1244	299	7.06	340	11.05	360	13.24	380	15.64	399	18.12	417	20.70	435	23.49	453	26.42	-	-
50400	1301	309	7.72	348	11.80	368	14.09	387	16.51	406	19.08	424	21.75	441	24.49	458	27.40	492	33.72
52600	1357	319	8.42	356	12.59	376	14.97	394	17.36	412	19.93	430	22.67	447	25.49	463	28.34	496	34.67
54800	1414	330	9.25	364	13.36	383	15.77	402	18.38	419	20.94	437	23.79	453	26.52	469	29.45	500	35.63
57000	1471	340	10.04	374	14.36	391	16.72	409	19.29	426	21.94	443	24.77	460	27.75	476	30.77	-	-
59200	1528	350	10.87	383	15.29	399	17.71	417	20.38	434	23.12	450	25.92	466	28.84	482	31.93	-	-
61400	1584	361	11.82	393	16.39	408	18.81	425	21.50	442	24.35	457	27.07	473	30.14	488	33.13	-	-
63600	1641	371	12.72	403	17.53	417	19.92	433	22.67	449	25.45	465	28.43	480	31.43	495	34.56	-	-
65800	1698	382	13.78	413	18.73	427	21.22	441	23.88	457	26.75	473	29.83	487	32.72	-	-	-	-
68000	1755	393	14.90	423	19.99	437	22.58	450	25.17	465	28.11	480	31.09	495	34.27	-	-	-	-
70200	1812	404	16.08	433	21.30	446	23.83	460	26.69	473	29.50	488	32.58	-	-	-	-	-	-
72400	1868	415	17.32	443	22.67	456	25.30	469	28.09	482	31.04	496	34.12	-	-	-	-	-	-
74600	1925	425	18.50	453	24.10	466	26.83	479	29.72	491	32.58	-	-	-	-	-	-	-	-
76800	1982	436	19.86	463	25.59	476	28.42	489	31.42	-	-	-	-	-	-	-	-	-	-
79000	2039	447	21.30	473	27.14	486	30.08	498	32.98	-	-	-	-	-	-	-	-	-	-
81200	2095	458	22.80	483	28.76	496	31.80	-	-	-	-	-	-	-	-	-	-	-	-
83400	2152	469	24.37	494	30.58	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Performance certified is for installation type B – Free inlet, Ducted outlet. Power rating (BHP) does not include transmission losses. Performance ratings do not include the effects of appurtenances.



## MXF 122 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	61	63	65	67	66	60	50	40	69
	0.13	61	63	65	66	65	59	50	40	69
	0.25	61	63	64	65	64	59	50	39	68
	0.38	61	62	63	64	63	59	50	39	67
1500	0.00	71	69	74	74	78	73	65	55	80
	0.50	71	69	73	73	75	72	65	54	79
	0.75	71	69	73	72	73	71	65	54	77
	1.00	81	76	74	73	70	70	65	55	76
2000	0.00	77	76	80	80	82	81	75	65	87
	0.50	77	76	80	80	81	80	74	65	86
	1.00	77	76	79	79	80	79	74	65	85
	1.90	99	94	84	82	78	75	73	65	85
2500	0.00	82	81	82	85	86	88	82	74	92
	0.50	82	81	81	85	86	87	82	74	91
	1.50	82	81	81	84	84	85	81	73	90
	3.00	105	103	94	88	84	80	79	73	93
3000	0.00	86	86	84	89	89	93	88	80	97
	1.50	86	86	84	88	88	91	87	80	95
	2.50	86	86	84	88	88	90	87	80	94
	4.25	106	106	98	91	90	84	84	80	97

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	71	70	66	68	67	60	50	40	70
	0.13	71	69	65	67	66	59	50	40	69
	0.25	71	68	64	66	64	58	49	40	68
	0.38	70	66	63	64	63	58	50	40	66
1500	0.00	81	79	72	76	78	74	64	55	81
	0.50	84	76	71	73	75	71	64	54	78
	0.75	85	75	71	72	73	70	64	55	77
	1.00	86	76	71	72	72	69	64	55	76
2000	0.00	87	86	81	81	83	82	75	65	87
	0.50	88	86	80	80	82	81	74	65	86
	1.00	90	86	80	79	81	79	73	65	85
	1.90	92	86	79	78	78	77	72	65	83
2500	0.00	92	91	88	87	88	88	83	73	93
	0.50	93	92	88	86	87	87	82	73	92
	1.50	94	93	86	84	85	85	81	72	91
	3.00	97	94	85	83	83	82	79	73	89
3000	0.00	96	96	94	91	91	93	89	79	98
	1.50	98	98	92	89	89	91	87	79	96
	2.50	99	99	91	88	88	90	86	79	95
	4.25	101	101	90	87	87	87	84	79	94

## MXF 135 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	64	66	68	71	69	63	53	43	73
	0.25	64	66	67	69	68	62	53	43	71
	0.38	64	66	67	68	67	62	53	42	70
	0.50	64	65	66	66	66	62	53	42	69
1400	0.00	72	71	76	76	79	74	66	55	81
	0.50	72	71	75	75	77	73	66	55	80
	0.75	72	71	74	74	75	73	66	55	79
	1.00	72	71	74	74	73	72	66	55	78
1800	0.00	78	77	81	81	84	81	74	65	87
	0.75	78	77	80	80	82	80	74	64	86
	1.25	78	77	80	80	81	79	74	64	85
	1.75	87	83	81	80	78	77	73	64	84
2200	0.00	82	81	85	85	87	87	81	72	92
	1.00	82	81	85	85	86	86	81	72	91
	2.00	82	81	84	84	84	84	80	72	89
	2.75	99	96	89	86	84	81	79	72	90
2700	0.00	87	86	86	90	91	93	88	80	97
	1.00	87	86	86	89	90	92	87	80	96
	2.00	87	86	85	89	89	91	87	79	95
	4.00	98	97	93	90	89	86	85	79	94

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	74	73	69	71	70	63	53	43	73
	0.25	74	71	67	69	68	62	53	43	71
	0.38	74	70	66	68	67	61	53	43	70
	0.50	73	69	66	67	65	61	53	44	69
1400	0.00	82	80	74	78	79	75	65	55	82
	0.50	84	78	73	76	77	73	65	55	80
	0.75	85	77	73	74	76	72	65	55	79
	1.00	86	76	72	73	74	71	65	56	78
1800	0.00	88	86	81	82	84	82	74	64	88
	0.75	90	86	80	80	82	80	73	64	86
	1.25	91	85	79	79	81	79	73	64	85
	1.75	92	85	79	79	79	77	72	64	84
2200	0.00	92	91	87	85	88	88	81	71	93
	1.00	94	92	86	84	86	86	80	71	91
	2.00	96	92	85	83	84	84	79	71	90
	2.75	97	92	85	83	83	82	78	71	89
2700	0.00	97	96	94	92	92	93	89	79	98
	1.00	98	97	93	91	91	92	88	79	97
	2.00	99	98	92	89	90	91	87	78	96
	4.00	101	100	90	88	88	88	85	78	94

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 150 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	67	69	71	74	72	66	57	46	76
	0.25	67	69	71	72	71	66	56	46	75
	0.50	67	69	70	70	70	65	56	46	73
	0.63	67	68	69	69	69	65	56	46	72
1350	0.00	75	74	78	79	81	76	68	57	84
	0.50	74	74	77	77	79	75	68	57	82
	1.00	75	74	76	76	77	74	67	57	81
	1.25	88	82	79	77	74	73	67	58	80
1700	0.00	80	78	83	83	86	83	76	66	89
	0.50	80	78	83	82	85	82	76	66	88
	1.50	80	78	82	81	82	81	75	65	86
	2.00	95	90	85	83	79	78	74	66	86
2050	0.00	84	83	87	87	89	88	82	73	93
	1.00	84	83	86	86	88	87	81	72	92
	2.00	84	83	86	86	86	86	81	72	91
	3.00	104	100	91	89	85	82	80	72	92
2450	0.00	88	87	88	91	92	93	88	79	98
	1.50	88	87	87	90	91	92	87	79	96
	3.00	88	87	87	89	90	90	87	79	95
	4.25	107	105	98	93	90	86	85	79	97

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	77	76	72	75	73	66	56	46	76
	0.25	77	75	71	73	71	65	56	46	75
	0.50	77	73	69	71	70	64	56	46	73
	0.63	76	72	69	70	68	64	56	47	72
1350	0.00	85	82	77	80	81	77	67	57	84
	0.50	86	80	76	78	79	75	67	57	82
	1.00	87	79	75	76	77	73	66	57	80
	1.25	88	79	75	76	76	73	66	58	80
1700	0.00	90	88	83	84	87	84	75	65	90
	0.50	91	88	82	83	85	83	75	65	89
	1.50	93	86	81	81	82	80	74	65	86
	2.00	94	86	81	81	81	79	74	66	86
2050	0.00	94	93	88	87	90	89	82	72	94
	1.00	95	93	87	86	88	87	81	72	93
	2.00	97	93	86	85	87	85	80	72	91
	3.00	99	93	86	85	85	84	79	72	90
2450	0.00	98	97	94	93	93	94	88	78	99
	1.50	99	98	93	91	92	92	87	78	97
	3.00	101	99	91	89	90	90	86	78	96
	4.25	103	100	91	89	89	88	85	78	95

## MXF 165 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	70	72	69	69	69	65	55	45	72
	0.50	68	69	66	65	67	64	53	41	70
	0.75	68	68	64	64	66	63	53	41	69
	0.90	68	67	63	63	65	60	51	41	68
1300	0.00	76	77	78	74	75	73	65	55	79
	0.50	75	75	76	72	73	72	64	53	77
	1.00	75	73	74	70	71	71	63	51	76
	1.60	76	73	71	68	70	68	59	50	74
1600	0.00	80	81	83	79	79	79	73	62	84
	1.00	79	78	80	76	76	77	72	60	82
	1.75	81	77	78	74	75	76	71	59	81
	2.40	82	78	76	73	73	75	67	57	79
1900	0.00	84	84	87	83	82	83	78	68	88
	1.00	83	82	85	81	81	82	78	67	87
	2.00	84	81	83	79	79	81	77	66	86
	3.40	87	82	80	77	77	79	73	63	83
2200	0.00	87	87	90	87	86	86	83	74	92
	1.50	87	86	87	85	84	85	82	73	90
	3.00	88	85	86	83	82	83	81	72	89
	4.50	90	86	83	81	80	82	78	69	87

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	73	73	73	72	70	66	58	49	75
	0.50	72	72	71	71	70	66	56	46	73
	0.75	70	69	69	69	68	64	55	45	72
	0.90	70	70	69	68	68	63	57	51	71
1300	0.00	85	77	79	78	77	74	67	58	81
	0.50	84	77	79	77	76	73	67	56	81
	1.00	83	75	77	76	75	73	66	55	79
	1.60	82	74	76	73	73	71	66	61	78
1600	0.00	95	81	84	83	82	80	75	65	87
	1.00	93	80	83	82	81	79	74	64	86
	1.75	91	79	80	80	79	78	73	62	84
	2.40	91	78	81	78	78	77	72	66	83
1900	0.00	101	86	87	87	86	84	80	71	91
	1.00	100	86	87	86	86	84	80	70	90
	2.00	98	85	86	84	84	83	79	69	89
	3.40	96	83	85	82	82	81	77	72	87
2200	0.00	104	93	90	90	90	88	84	76	95
	1.50	103	92	90	89	89	87	84	75	94
	3.00	100	91	88	87	87	86	83	74	92
	4.50	100	89	88	86	85	85	81	76	91

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 182 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	73	75	72	72	72	68	58	48	75
	0.50	71	72	69	69	70	67	56	45	74
	0.75	71	71	68	68	70	66	56	44	73
	1.10	71	70	66	66	68	63	54	44	71
1250	0.00	78	79	81	76	77	74	66	56	81
	0.75	76	76	77	74	75	73	65	53	79
	1.25	77	75	76	72	73	73	65	53	78
	1.75	78	75	74	71	72	70	62	52	76
1500	0.00	82	83	85	80	80	80	73	63	86
	1.00	81	80	82	78	78	78	72	61	84
	1.75	82	79	80	76	77	78	72	60	83
	2.50	83	79	78	74	75	76	68	58	81
1750	0.00	85	86	88	84	84	84	79	68	90
	1.00	85	84	86	82	82	83	78	67	88
	2.25	86	82	84	79	80	82	78	66	87
	3.50	88	83	81	78	78	81	73	64	85
2000	0.00	88	88	91	88	87	87	83	73	93
	1.50	87	86	88	85	84	86	82	72	91
	3.00	89	86	86	83	83	85	81	71	90
	4.50	91	87	84	81	81	83	78	68	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
1000	0.00	76	76	76	75	73	69	61	52	78
	0.50	76	75	75	74	73	69	60	49	77
	0.75	74	73	73	73	72	68	59	49	76
	1.10	73	73	72	71	71	66	60	54	74
1250	0.00	87	80	81	80	79	76	69	60	83
	0.75	85	79	81	79	78	75	68	58	82
	1.25	84	77	78	77	77	74	67	57	81
	1.75	83	77	78	76	75	73	67	62	80
1500	0.00	95	83	85	85	84	81	75	66	88
	1.00	94	82	85	83	83	80	75	64	87
	1.75	92	81	82	81	81	79	74	63	86
	2.50	91	80	82	80	80	78	73	67	84
1750	0.00	102	86	89	88	87	85	81	71	92
	1.00	101	85	88	87	87	85	80	70	91
	2.25	99	84	86	85	85	84	79	69	90
	3.50	98	82	86	83	83	83	77	72	88
2000	0.00	105	92	91	91	90	88	84	76	95
	1.50	104	91	91	90	90	88	84	75	95
	3.00	101	90	89	88	88	87	83	74	93
	4.50	100	88	88	87	86	86	81	76	92

## MXF 200 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	72	73	70	70	70	63	53	43	73
	0.25	70	71	68	68	69	63	51	40	71
	0.50	68	69	66	66	68	62	50	39	70
	0.80	68	68	64	65	66	60	49	38	69
1050	0.00	77	79	77	75	76	72	63	53	79
	0.50	75	77	74	73	75	71	62	50	78
	1.00	75	75	72	71	73	71	61	49	77
	1.50	76	73	70	70	72	67	58	48	75
1300	0.00	82	83	84	80	80	78	71	60	85
	0.75	80	81	82	78	79	77	70	58	83
	1.50	81	79	80	76	77	77	69	57	82
	2.25	82	78	78	74	76	74	66	56	80
1550	0.00	86	86	88	84	84	84	77	67	89
	1.00	85	84	86	82	82	83	76	65	88
	2.00	85	83	84	80	81	82	76	64	86
	3.25	87	83	81	78	79	80	72	62	84
1800	0.00	89	89	91	87	87	88	83	72	93
	1.50	88	87	89	85	85	87	82	71	91
	3.00	90	86	87	83	83	85	81	70	90
	4.50	91	86	84	81	81	84	77	67	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
800	0.00	72	74	74	73	70	65	56	47	75
	0.25	71	74	73	72	70	65	55	45	74
	0.50	71	73	72	71	69	64	54	44	73
	0.80	69	71	69	69	68	63	55	47	72
1050	0.00	81	79	80	79	77	74	66	56	82
	0.50	81	79	79	78	77	73	65	55	81
	1.00	79	77	77	77	76	72	63	53	80
	1.50	78	76	76	75	74	71	65	59	78
1300	0.00	91	83	85	84	83	80	73	64	87
	0.75	90	83	84	83	82	79	72	62	87
	1.50	89	81	83	82	81	78	71	61	85
	2.25	87	80	82	80	79	77	71	65	84
1550	0.00	99	86	89	88	87	84	79	70	92
	1.00	98	86	88	87	87	84	79	69	91
	2.00	96	85	87	86	85	83	78	68	90
	3.25	95	83	86	83	83	82	77	71	88
1800	0.00	105	90	92	92	91	89	84	75	96
	1.50	104	89	91	90	90	88	84	74	95
	3.00	102	88	89	88	88	87	83	73	93
	4.50	101	86	89	87	86	86	81	76	92

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 222 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	70	69	67	67	64	56	46	35	68
	0.25	67	66	64	65	63	55	43	32	66
	0.50	70	65	62	63	62	54	42	30	65
	0.63	71	66	61	62	59	50	41	32	63
850	0.00	76	78	74	74	75	69	58	48	78
	0.50	73	75	71	72	73	68	56	45	76
	0.75	73	74	70	71	72	68	56	44	75
	1.25	73	72	68	68	71	63	53	44	73
1100	0.00	82	83	81	80	80	77	68	57	84
	0.75	80	81	79	77	79	76	66	55	82
	1.25	79	79	77	76	78	75	66	54	81
	2.00	80	78	75	74	76	72	63	53	79
1350	0.00	86	87	88	84	84	83	75	65	89
	1.00	85	85	86	82	83	82	74	63	87
	2.00	85	83	84	80	81	81	74	62	86
	3.10	86	83	82	78	79	78	70	60	84
1600	0.00	90	90	92	88	88	88	82	71	93
	1.50	89	88	90	86	86	87	81	69	92
	3.00	90	87	88	83	84	86	80	68	90
	4.40	91	87	85	82	82	84	76	66	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
600	0.00	85	71	71	69	66	59	49	40	71
	0.25	83	70	69	68	65	57	47	37	70
	0.50	80	67	67	66	64	56	46	36	68
	0.63	81	67	66	65	62	57	53	48	67
850	0.00	76	79	79	78	75	71	61	52	80
	0.50	75	78	77	77	75	70	60	50	79
	0.75	75	77	76	76	74	69	59	49	78
	1.25	73	76	74	73	73	67	63	58	76
1100	0.00	87	84	84	84	82	78	71	61	86
	0.75	86	83	83	83	81	78	69	59	85
	1.25	85	82	82	81	81	77	69	58	84
	2.00	83	80	80	79	79	75	69	63	83
1350	0.00	96	87	89	88	87	84	78	68	91
	1.00	95	87	89	87	86	84	77	67	91
	2.00	93	85	87	86	85	83	76	66	89
	3.10	92	84	86	83	83	81	76	70	88
1600	0.00	104	90	93	92	91	89	84	74	96
	1.50	103	90	92	91	90	88	83	73	95
	3.00	100	88	90	89	89	87	82	72	93
	4.40	100	87	90	87	87	86	81	76	92

## MXF 245 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	69	66	66	66	62	52	42	31	66
	0.13	68	65	64	65	61	51	40	29	65
	0.25	66	63	62	64	61	50	38	27	65
	0.50	70	60	60	62	57	48	38	27	62
700	0.00	75	76	73	73	72	65	54	44	75
	0.50	72	72	70	70	70	63	51	40	73
	0.75	72	72	68	69	70	63	51	39	72
	1.00	71	72	67	68	68	60	50	40	71
900	0.00	80	82	79	78	79	74	63	53	82
	0.50	78	80	76	76	78	73	62	51	81
	1.00	77	78	74	75	77	73	61	49	80
	1.70	78	76	72	73	75	68	58	49	77
1100	0.00	84	86	84	83	83	80	71	60	87
	0.75	83	84	82	81	82	79	70	58	85
	1.50	82	82	80	79	81	78	69	57	84
	2.50	83	81	78	77	79	75	66	56	82
1400	0.00	90	90	92	88	88	87	80	69	93
	1.50	88	88	89	85	86	86	79	67	91
	3.00	89	87	87	83	84	85	78	66	90
	4.10	90	86	85	82	83	82	74	65	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	84	70	69	67	63	55	46	36	69
	0.13	83	69	69	67	63	54	44	35	68
	0.25	82	68	68	67	63	53	43	33	68
	0.50	79	66	65	65	60	54	48	42	66
700	0.00	76	78	77	76	73	67	58	48	77
	0.50	75	76	75	75	72	66	55	45	76
	0.75	73	74	74	73	71	65	55	44	75
	1.00	72	74	72	72	70	65	59	53	74
900	0.00	81	83	83	82	80	75	66	57	84
	0.50	80	83	82	81	79	75	65	55	84
	1.00	79	81	80	80	79	74	64	54	83
	1.70	77	80	78	77	77	72	67	62	81
1100	0.00	90	86	87	87	85	81	73	64	89
	0.75	89	86	86	86	84	81	73	63	88
	1.50	88	85	85	84	83	80	72	61	87
	2.50	86	83	83	82	82	78	73	67	86
1400	0.00	101	91	93	92	91	88	82	73	95
	1.50	100	90	92	91	90	87	81	71	94
	3.00	97	88	89	89	88	86	80	70	93
	4.10	97	87	90	87	87	85	80	75	92

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 270 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	72	69	68	69	65	55	45	34	69
	0.25	69	67	66	67	64	53	42	30	68
	0.50	72	64	64	66	63	53	41	29	67
	0.63	73	63	63	65	59	50	40	31	65
700	0.00	78	79	76	76	75	68	57	47	78
	0.25	77	77	74	75	74	67	56	45	77
	0.75	75	75	72	73	73	66	54	42	76
	1.25	74	75	70	71	70	62	52	43	73
900	0.00	83	85	82	81	82	77	66	56	85
	0.75	81	83	79	79	80	76	65	53	83
	1.25	80	81	77	78	80	75	64	52	83
	2.00	80	79	75	76	78	71	62	52	80
1100	0.00	87	89	87	86	86	83	74	63	90
	1.00	86	87	85	83	85	82	72	61	88
	2.00	85	85	83	82	83	81	72	60	87
	3.00	86	84	81	80	82	78	69	59	85
1275	0.00	91	92	93	89	89	87	79	69	94
	1.50	89	89	90	86	87	86	78	67	92
	3.00	90	88	88	84	86	85	77	65	90
	4.10	91	87	86	83	84	82	74	64	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	87	73	72	70	66	58	49	39	72
	0.25	85	72	71	70	66	57	46	36	71
	0.50	82	69	69	68	64	55	45	35	69
	0.63	82	68	68	67	63	58	53	48	69
700	0.00	79	80	80	79	76	70	61	51	80
	0.25	78	80	79	78	76	69	60	50	80
	0.75	77	78	77	77	75	68	58	48	79
	1.25	75	77	75	75	73	68	63	58	77
900	0.00	84	86	86	85	83	78	69	60	87
	0.75	83	85	84	84	82	78	68	58	86
	1.25	82	84	83	83	82	77	67	57	85
	2.00	80	83	81	80	80	75	69	64	84
1100	0.00	93	89	90	90	88	84	76	67	92
	1.00	92	89	89	89	87	84	75	65	91
	2.00	90	87	87	87	86	83	74	64	90
	3.00	89	86	86	85	85	81	76	70	89
1275	0.00	99	92	94	93	91	88	82	72	96
	1.50	98	91	93	92	91	88	81	71	95
	3.00	96	89	90	90	89	87	79	69	93
	4.10	96	89	91	88	88	85	80	75	92

## MXF 300 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	76	73	72	72	68	58	48	38	73
	0.25	73	70	70	71	67	57	46	34	71
	0.50	74	68	68	70	67	56	44	32	70
	0.75	76	66	66	68	63	54	44	34	68
700	0.00	82	82	79	79	78	71	60	50	81
	0.50	79	80	77	77	77	70	59	47	80
	1.00	78	78	75	76	76	69	57	45	79
	1.50	77	78	73	74	74	66	56	46	77
900	0.00	86	89	85	84	85	80	70	59	88
	0.75	84	86	83	83	84	79	68	57	87
	1.50	83	85	81	81	83	79	67	55	86
	2.50	84	82	79	79	81	74	65	55	84
1050	0.00	90	91	89	88	88	84	75	65	92
	1.00	88	89	87	86	87	84	74	63	91
	2.00	87	88	85	84	86	83	73	61	89
	3.45	88	86	83	82	84	79	70	61	87
1150	0.00	92	93	92	90	90	87	79	68	94
	1.50	90	90	89	87	88	86	77	66	92
	3.00	90	89	87	85	87	85	76	65	91
	4.15	91	88	85	84	86	82	73	64	89

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	90	76	76	73	70	61	52	43	75
	0.25	89	75	75	73	69	60	50	40	74
	0.50	87	73	73	72	68	59	49	39	73
	0.75	86	72	71	71	67	61	54	48	72
700	0.00	82	84	83	82	79	73	64	54	83
	0.50	81	83	82	81	79	72	62	52	83
	1.00	80	81	80	80	78	71	61	51	82
	1.50	79	80	78	78	76	71	65	60	80
900	0.00	87	89	89	88	86	82	73	63	90
	0.75	86	89	88	87	86	81	71	62	90
	1.50	85	87	86	86	85	80	70	60	89
	2.50	83	86	84	84	83	78	73	67	87
1050	0.00	94	92	92	92	90	86	78	69	94
	1.00	93	91	91	91	89	86	77	67	94
	2.00	92	90	90	90	89	85	76	66	93
	3.45	90	89	88	87	87	83	78	73	91
1150	0.00	98	93	94	94	92	89	81	72	96
	1.50	97	93	93	93	92	88	80	70	96
	3.00	95	91	91	91	90	87	79	69	94
	4.15	94	90	90	89	89	85	80	75	93

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 330 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	78	76	75	75	71	61	51	41	76
	0.25	77	74	73	74	70	60	49	38	74
	0.50	76	72	71	73	70	59	47	36	74
	0.95	79	69	69	71	65	56	47	37	71
600	0.00	82	81	79	79	76	68	58	47	80
	0.50	80	78	76	77	75	67	55	44	79
	1.00	82	77	74	76	74	66	54	42	78
	1.35	83	78	73	74	71	63	53	43	75
700	0.00	85	85	82	82	81	74	63	53	84
	0.60	82	82	80	80	80	73	61	50	83
	1.20	81	81	78	79	79	72	60	48	82
	1.80	80	81	76	77	77	69	59	49	80
800	0.00	87	89	85	85	85	79	68	58	88
	1.00	84	85	82	82	83	78	66	54	86
	1.50	84	84	81	81	83	77	65	54	85
	2.40	84	84	79	79	81	73	63	54	83
900	0.00	89	92	88	87	88	83	73	62	91
	1.00	87	89	85	85	87	82	71	60	90
	2.00	86	87	83	83	86	82	70	58	89
	3.00	87	85	81	82	84	77	68	58	87

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	93	79	78	76	72	64	55	46	78
	0.25	92	78	78	76	72	63	53	43	77
	0.50	91	77	77	76	72	62	52	42	77
	0.95	89	75	74	73	69	64	59	54	75
600	0.00	97	83	83	81	78	71	61	52	83
	0.50	95	82	82	80	77	70	59	49	82
	1.00	92	80	79	79	76	68	58	48	80
	1.35	93	79	78	78	75	69	64	59	79
700	0.00	85	87	86	85	82	76	67	57	86
	0.60	84	86	85	84	82	75	65	55	86
	1.20	83	84	83	83	81	74	64	54	85
	1.80	82	83	81	81	79	74	68	62	83
800	0.00	87	90	89	88	86	81	71	62	90
	1.00	86	89	88	87	85	80	70	59	89
	1.50	85	87	86	86	85	79	69	59	88
	2.40	84	86	84	84	83	78	72	67	87
900	0.00	90	92	92	91	89	85	75	66	93
	1.00	89	92	91	90	88	84	74	64	93
	2.00	88	90	89	89	88	83	73	63	91
	3.00	86	89	87	87	86	81	76	70	90

## MXF 365 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	81	79	78	78	74	64	54	44	79
	0.25	80	77	76	77	73	63	52	41	78
	0.75	80	74	74	76	73	62	50	38	76
	1.15	82	72	72	74	69	59	50	40	74
575	0.00	84	82	81	81	78	70	59	49	82
	0.50	82	80	79	80	77	68	57	46	81
	1.00	83	78	77	78	76	68	56	44	80
	1.50	85	76	75	77	73	65	55	45	77
650	0.00	86	86	83	84	82	74	64	53	85
	0.75	84	83	81	82	81	73	61	50	84
	1.25	83	82	79	81	80	72	60	49	83
	1.95	82	82	77	79	77	69	59	49	80
725	0.00	88	89	86	86	85	78	68	57	88
	0.75	86	87	84	84	84	77	66	55	87
	1.50	85	85	82	83	83	77	65	53	86
	2.40	84	85	80	81	81	73	63	53	84
820	0.00	90	92	89	88	89	83	72	62	92
	1.00	88	90	86	86	87	82	71	59	90
	2.00	87	88	84	85	86	81	69	58	89
	3.10	87	87	82	83	85	77	67	58	87

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	96	82	82	79	76	67	58	49	81
	0.25	95	81	81	79	75	66	57	47	80
	0.75	92	79	79	78	74	65	55	44	79
	1.15	92	78	77	77	72	67	62	57	78
575	0.00	99	85	85	83	79	72	63	54	85
	0.50	98	84	84	82	79	71	61	51	84
	1.00	95	82	82	81	78	70	60	50	83
	1.50	95	81	80	80	76	71	65	60	81
650	0.00	87	88	88	86	83	76	67	58	87
	0.75	86	87	86	85	82	75	65	55	87
	1.25	85	85	85	84	82	75	64	54	86
	1.95	83	84	83	82	80	75	70	64	84
725	0.00	88	90	90	89	86	80	71	62	90
	0.75	88	90	89	88	86	80	70	60	90
	1.50	87	88	87	87	85	79	68	58	89
	2.40	85	87	85	85	83	78	72	67	87
820	0.00	91	93	93	92	89	85	75	66	94
	1.00	90	93	92	91	89	84	74	64	93
	2.00	89	91	90	90	88	83	73	63	92
	3.10	87	90	88	87	87	82	76	71	90

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.



## MXF 402 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	84	82	81	81	77	67	57	47	82
	0.50	82	79	78	80	76	66	54	43	80
	1.00	83	77	76	78	75	65	53	41	79
	1.40	85	75	75	77	71	62	53	43	77
575	0.00	87	85	84	84	81	72	62	52	85
	0.50	85	83	82	83	80	71	60	49	84
	1.00	85	82	80	82	80	71	59	47	83
	1.85	88	79	78	80	76	67	58	48	80
625	0.00	88	88	85	86	83	76	65	55	87
	0.75	86	85	83	84	82	74	63	52	86
	1.50	85	84	81	83	82	74	62	50	85
	2.20	84	84	79	81	79	70	61	51	82
675	0.00	90	90	87	87	86	78	68	58	89
	0.75	88	88	85	86	85	77	66	55	88
	1.50	86	86	83	84	84	77	65	53	87
	2.50	86	86	81	83	82	73	63	54	85
750	0.00	92	93	89	90	89	82	72	61	92
	1.00	90	90	87	88	88	81	70	59	91
	2.00	88	89	85	86	87	81	69	57	90
	3.15	88	88	83	84	85	77	67	57	87

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
500	0.00	99	85	84	82	78	70	61	52	84
	0.50	97	84	83	82	78	69	59	49	83
	1.00	95	82	82	81	77	68	57	47	82
	1.40	95	81	80	80	75	70	65	60	81
575	0.00	102	88	88	86	82	75	66	56	87
	0.50	101	87	87	86	82	74	64	54	87
	1.00	99	86	86	85	82	73	63	53	86
	1.85	98	84	83	83	79	74	69	64	84
625	0.00	89	90	90	88	85	78	69	59	89
	0.75	88	89	88	87	84	77	67	57	89
	1.50	86	87	87	86	83	76	66	55	87
	2.20	86	86	85	84	82	77	72	67	86
675	0.00	90	92	91	90	87	81	71	62	91
	0.75	90	91	90	89	87	80	70	60	91
	1.50	89	90	89	88	86	79	69	59	90
	2.50	87	88	87	86	84	79	73	67	88
750	0.00	92	94	94	93	90	84	75	66	94
	1.00	91	94	93	92	89	84	74	64	94
	2.00	90	92	91	91	89	83	73	62	93
	3.15	89	91	89	88	87	82	77	72	91

## MXF 445 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	83	79	79	79	73	62	52	41	79
	0.50	79	76	76	77	72	60	48	37	77
	0.75	81	74	75	77	71	59	48	36	76
	1.10	83	73	73	75	67	57	48	38	74
475	0.00	87	83	83	83	78	69	58	48	83
	0.50	84	81	81	82	78	67	56	44	82
	1.00	85	79	79	81	77	66	54	42	81
	1.50	87	77	77	79	74	64	54	44	79
550	0.00	89	87	86	86	83	74	64	53	87
	0.75	87	85	83	85	82	73	61	50	86
	1.50	89	82	81	83	81	72	60	48	84
	2.10	90	81	80	82	77	69	59	50	82
625	0.00	92	91	89	89	87	79	68	58	90
	1.00	89	88	86	87	85	77	66	54	89
	2.00	88	87	84	85	85	77	65	53	88
	2.70	87	88	83	84	82	73	64	54	85
675	0.00	93	93	90	90	89	81	71	61	92
	1.00	91	91	88	89	88	80	69	58	91
	2.00	89	89	86	87	87	80	68	56	90
	3.15	89	89	84	85	84	76	66	57	87

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
400	0.00	97	83	82	80	75	65	56	47	81
	0.50	95	82	81	79	74	64	53	43	80
	0.75	93	80	80	78	73	63	53	42	79
	1.10	93	78	78	77	72	67	62	56	78
475	0.00	101	87	86	84	80	71	62	53	86
	0.50	100	86	86	84	80	70	60	50	85
	1.00	97	84	84	83	79	69	59	49	84
	1.50	96	82	82	82	77	71	65	59	83
550	0.00	104	90	90	88	84	77	67	58	89
	0.75	103	89	89	87	84	75	65	55	89
	1.50	100	87	87	86	83	74	64	54	87
	2.10	100	86	85	85	81	76	71	66	86
625	0.00	92	93	93	91	88	81	72	62	92
	1.00	91	92	91	90	87	80	70	60	92
	2.00	89	90	89	89	86	79	69	58	90
	2.70	89	89	88	87	85	80	75	70	89
675	0.00	93	95	94	93	90	84	74	65	94
	1.00	93	94	93	92	90	83	73	63	94
	2.00	91	92	92	91	89	82	72	61	93
	3.15	90	91	89	89	87	82	77	72	91

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 490 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
300	0.00	77	76	76	73	65	55	44	34	73
	0.25	76	73	74	72	64	52	41	30	72
	0.50	78	71	73	72	63	51	39	27	71
	0.75	80	70	71	68	60	50	40	31	68
375	0.00	84	80	80	80	73	63	52	42	80
	0.50	81	78	78	78	72	60	49	37	78
	0.75	83	76	77	78	72	60	48	36	77
	1.15	84	74	75	76	68	58	48	38	75
450	0.00	88	85	84	85	80	70	59	49	85
	0.50	86	83	82	84	79	68	57	46	84
	1.00	86	80	81	83	79	67	55	43	83
	1.70	88	78	79	81	74	64	55	45	80
525	0.00	91	89	88	88	84	75	65	54	89
	0.75	89	87	86	87	83	74	62	51	87
	1.50	90	84	84	85	83	73	61	49	86
	2.30	92	82	82	84	79	70	60	51	84
615	0.00	94	93	91	91	89	81	71	60	93
	1.00	92	91	89	90	88	80	69	57	91
	2.00	90	90	87	88	87	79	67	55	90
	3.15	89	90	85	87	84	76	66	56	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
300	0.00	94	80	78	75	68	58	49	40	76
	0.25	92	79	77	74	67	57	46	36	75
	0.50	90	77	76	73	65	55	45	35	74
	0.75	90	75	74	72	66	61	56	51	73
375	0.00	99	85	84	81	75	66	57	47	82
	0.50	97	83	83	80	74	64	54	44	81
	0.75	95	82	82	80	74	63	53	43	80
	1.15	94	80	79	78	73	67	62	56	79
450	0.00	102	89	88	86	82	72	63	54	87
	0.50	101	88	87	85	81	71	61	51	87
	1.00	100	86	86	85	80	70	60	50	86
	1.70	98	84	83	83	78	73	68	63	84
525	0.00	106	92	92	90	86	78	69	59	91
	0.75	105	91	91	89	85	77	67	57	90
	1.50	102	89	89	88	84	76	65	55	89
	2.30	102	88	87	87	83	78	72	67	88
615	0.00	95	96	95	94	90	83	74	65	95
	1.00	94	95	94	93	90	83	73	63	94
	2.00	93	93	93	92	89	82	71	61	93
	3.15	91	92	90	90	87	82	77	72	92

## MXF 542 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
250	0.00	76	75	75	71	61	51	41	30	71
	0.20	73	73	74	70	60	49	37	26	70
	0.40	71	71	73	69	59	47	35	24	69
	0.60	69	69	71	67	57	47	36	26	67
325	0.00	83	80	81	79	71	61	50	40	79
	0.50	81	77	78	77	69	58	46	34	77
	0.75	83	76	77	77	69	57	45	34	76
	1.00	84	75	76	75	67	56	46	35	75
400	0.00	89	85	85	85	79	68	58	47	85
	0.50	86	83	83	84	78	67	55	44	83
	1.00	87	81	81	83	77	66	54	42	83
	1.65	89	79	79	81	73	63	54	44	80
475	0.00	93	89	89	89	84	75	64	54	89
	0.75	90	87	86	88	84	73	62	50	88
	1.50	91	85	85	87	83	72	60	48	87
	2.30	93	83	83	85	79	69	60	50	85
550	0.00	95	93	92	92	89	80	70	59	93
	1.00	93	91	90	91	88	79	67	56	92
	2.00	94	89	88	89	87	78	66	54	91
	3.10	96	87	86	88	83	75	65	56	88

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
250	0.00	79	79	76	72	64	55	46	36	73
	0.20	78	78	76	72	63	53	43	33	73
	0.40	76	76	75	71	62	52	41	31	72
	0.60	75	74	74	70	63	56	50	43	71
325	0.00	98	84	83	80	73	64	55	46	81
	0.50	97	83	82	79	72	62	51	41	80
	0.75	95	81	81	78	71	61	51	41	79
	1.00	94	80	80	77	71	64	57	50	78
400	0.00	103	89	88	86	81	71	62	53	87
	0.50	102	88	88	85	80	70	60	50	86
	1.00	100	86	86	85	79	69	59	48	85
	1.65	99	84	84	83	78	73	68	63	84
475	0.00	107	93	92	90	86	77	68	59	92
	0.75	106	92	92	90	86	76	66	56	91
	1.50	103	90	90	89	85	75	65	55	90
	2.30	103	88	88	87	83	78	73	67	89
550	0.00	110	96	96	94	90	83	73	64	95
	1.00	109	95	95	93	90	82	72	61	95
	2.00	106	93	93	92	89	80	70	60	94
	3.10	106	92	91	91	87	82	77	72	92

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.

## MXF 600 Sound Performance

RPM	Nom- inal Ps	INLET SOUND POWER BY OCTAVE BANDS dB Lwi								LwiA
		63	125	250	500	1000	2000	4000	8000	
225	0.00	76	75	76	71	61	50	40	29	72
	0.25	73	73	75	70	59	47	36	24	70
	0.50	70	71	73	69	58	46	34	22	69
	0.63	69	70	72	65	56	46	36	26	67
300	0.00	84	82	82	79	71	61	50	40	79
	0.50	82	79	80	78	70	58	46	35	78
	0.75	84	77	79	78	69	57	45	34	77
	1.15	86	76	77	74	65	56	47	38	74
375	0.00	90	87	87	86	79	69	59	48	86
	0.63	88	84	85	85	78	67	56	44	84
	1.25	89	82	83	84	78	66	54	42	83
	1.75	91	80	81	82	74	64	55	45	81
450	0.00	95	91	90	91	86	76	65	55	91
	0.75	92	89	89	90	85	74	63	52	90
	1.50	92	87	87	89	85	73	61	50	89
	2.50	95	85	85	87	80	71	61	51	87
500	0.00	97	94	93	93	89	80	69	59	94
	1.00	94	91	91	92	88	78	67	56	92
	2.00	95	89	89	91	88	77	65	54	91
	3.15	97	87	87	89	83	74	65	55	89

RPM	Nom- inal Ps	OUTLET SOUND POWER BY OCTAVE BANDS dB Lwo								LwoA
		63	125	250	500	1000	2000	4000	8000	
225	0.00	80	79	77	73	64	54	45	36	73
	0.25	78	78	77	72	62	52	42	31	73
	0.50	76	76	75	71	61	51	40	30	71
	0.63	75	75	74	69	64	58	53	48	71
300	0.00	100	86	84	81	74	64	55	46	82
	0.50	98	84	83	80	72	62	52	41	81
	0.75	96	83	82	79	72	61	51	41	80
	1.15	96	81	81	78	73	68	64	59	80
375	0.00	105	91	90	87	82	72	63	54	88
	0.63	103	90	89	87	81	71	61	50	87
	1.25	101	87	87	85	80	69	59	49	86
	1.75	101	86	86	84	79	74	69	63	85
450	0.00	109	95	94	92	88	79	69	60	93
	0.75	108	94	93	92	87	78	68	58	93
	1.50	106	92	92	91	86	76	66	56	92
	2.50	104	90	90	89	84	79	73	68	90
500	0.00	111	97	97	95	91	82	73	64	96
	1.00	110	96	96	94	90	81	71	61	95
	2.00	108	94	94	93	89	80	70	60	94
	3.15	107	93	92	92	87	82	77	73	93

The sound power level ratings shown are in decibels, referred to  $10^{-12}$  watts, calculated per AMCA International Standard 301. The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwi and inlet LwiA sound power levels for Installation Type B: free inlet, ducted outlet. Values shown are for outlet Lwo and outlet LwoA sound power levels for Installation Type B: free inlet, ducted outlet. Ratings include the effects of duct end correction.



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