

DIRECT DRIVE

PERFORMANCE DATA																												
Fan Model	RPM	HP	.000"		.125"		.250"		.375"		.500"		.625"		.750"		1.000"		1.250"		1.500"		1.750"		Max. BHP	Est. Ship Wt.		
			CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones	CFM	Sones			CFM	Sones
XD100	860	1/10	380	5.3	220	3.8																				.012	41	
	1050		460	7.0	350	5.6																						.022
	1300		570	9.4	480	8.0	380	7.5	230	9.6																		.042
	1550		680	12	610	11.0	530	10.0	430	10.0	290	9.2																.070
XD120-7	825	1/20	770	4.4	665	3.5																				.033	72	
	955		890	5.2	805	4.8	650	4.4																				.052
	1050		980	6.4	900	5.6	800	5.5	440	5.2																		.069
XD120F4	1750	1/3	1635	15	1590	15.0	1540	15.0	1490	14.0	1440	14.0	1375	14.0	1290	14.0	860	13.0								.322	86	
XD137B8	860	1/12	1022	6.5	822	6.2	618	5.7																		.060	114	
XD137E6	1160	1/4	1379	9.7	1230	9.7	1082	9.7	929	9.9	789	10.2														.150	116	
XD137H4	1750	3/4	2081	17.1	1982	16.9	1882	16.6	1784	16.0	1687	16.0	1586	15.5	1485	15.1	1282	14.9	1126	14.4						.530	130	
XD161D8	860	1/6	2040	8.6	1925	8.1	1770	7.6	1545	7.1	775	6.7														.184	150	
XD161G6	1160	1/2	2750	14	2670	13.0	2580	12.0	2475	12.0	2330	12.0	2170	12.0	1960	12.0										.452	171	
XD161K4	1750	1 1/2	4145	25	4095	25	4040	24	3960	23.0	3925	23	3865	22	3800	21	3630	21	3420	20	3200	19.0	2870	19.0	1.547	181		
XD200K6	1160	1 1/2	5445	16	5280	16.0	5115	16.0	4950	16.0	4780	15.0	4605	15.0	4425	15.0	4045	15.0	3190	15.0						1.295	279	

Outlet Velocity
 XD100: Outlet Velocity = CFM x 1.000
 XD120: Outlet Velocity = CFM x .571
 XD137: Outlet Velocity = CFM x .421
 XD161: Outlet Velocity = CFM x .291
 XD200: Outlet Velocity = CFM x .184

Performance certified is for Installation Type A: Free Inlet, Free Outlet. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values are shown are for Installation Type A: Free Inlet hemispherical sone levels. Power rating (BHP) does not include transmission losses. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The above motor loadings do not overheat the motor and are in accordance with the motor manufacturer's recommendations. It is, therefore, not detrimental to the motor and economically desirable. Maximum RPM shown obtained with the standard one speed motor; for all other RPM's add solid state speed controller. Performance is based on actual speed of test.

BELT DRIVE

PERFORMANCE DATA																			
Fan Model	Min. Max. RPM	HP	Sones @ .125"	.125"	.250"	.375"	.500"	.625"	.750"	1.000"	1.250"	1.500"	1.750"	2.000"	2.250"	2.500"	Max. BHP	Est. Ship Wt.	
				CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM	CFM			CFM
XB090E1	1583	1/4	7.0	608	510	405	280										.07	48	
	2177		12.4	879	830	766	682	604	532	338							.18		
XB090E2	1847	1/4	9.2	730	663	568	479	382	254								.11	49	
	2492		15.6	1019	978	931	872	799	729	599	433						.27		
XB090F	1920	1/3	9.9	764	702	613	524	437	326								.12	56	
	2717		18.5	1118	1081	1041	993	936	867	742	619	463					.35		
XB090G	2333	1/2	13.9	949	904	850	780	701	630	480	274						.22	64	
	3196		25	1327	1296	1264	1229	1191	1147	1039	928	828	719	587	436		.56		
XB120E1	910	1/4	5.6	755	545												.06	105	
	1375		10.0	1225	1160	1090	645	965	645								.18		
XB120E2	1070	1/4	7.0	920	825	520											.09	106	
	1570		14.5	1415	1360	1305	1235	1135	930								.27		
XB120F	1140	1/3	7.3	995	910	730											.11	110	
	1725		15.9	1565	1515	1465	1410	1345	1250	760							.35		
XB120G	1400	1/2	11.7	1250	1190	1115	1010	740									.19	116	
	2060		21	1885	1845	1805	1760	1720	1670	1545	1285	740					.57		
XB120H	1590	3/4	15.0	1435	1380	1325	1260	1165	980								.27	124	
	2335		23	2145	2110	2075	2040	2005	1965	1880	1770	1580	1210	720			.81		
XB120J	1935	1	18.9	1765	1725	1680	1635	1585	1530	1350	875						.47	130	
	2570		27	2370	2340	2305	2275	2240	2210	2135	2055	1955	1800	1535	1075	680	1.07		
XB137F	930	1/3	7.0	1205	990	815											.12	136	
	1365		12.4	1920	1790	1635	1490	1380	1275								.34		
XB137G	1060	1/2	8.9	1430	1230	1075	885										.16	142	
	1605		14.5	2300	2195	2080	1945	1815	1705	1530	930						.54		
XB137H	1325	3/4	11.7	1860	1720	1560	1420	1310	1180								.31	146	
	1830		20	2645	2560	2465	2360	2240	2120	1930	1775	1500					.78		
XB137J	1400	1	13.2	1980	1850	1700	1555	1440	1345								.36	153	
	2060		23	3000	2920	2840	2755	2660	2555	2350	2180	2045	1895	1350			1.11		
XB137K	1675	1 1/2	15.3	2405	2310	2200	2075	1945	1830	1655	1395						.80	164	
	2310		26	3380	3310	3245	3170	3090	3010	2825	2640	2485	2355	2240	2090	1550	1.55		
XB137L	1955	2	20	2840	2760	2670	2575	2470	2360	2155	2000	1850	1435	745			.95	173	
	2490		29	3650	3590	3530	3460	3390	3320	3155	2980	2815	2675	2555	2445	2325	1.94		

Power rating (BHP) does not include transmission losses. Performance certified is for installation type A: Free inlet, free outlet. Performance ratings do not include the effects of appurtenances (accessories). The sound ratings shown are loudness values in hemispherical sones at 1.5 m (5ft) in a hemispherical free field calculated per AMCA Standard 301. Values are shown for Installation Type A: Free Inlet hemispherical fan sone levels. The brake horsepower capability of an exhaustor motor is dependent on the degree of cooling the motor receives from the air moving through the motor. The motor loading beyond the motor nameplate rating does not overheat the motor and is in accordance with the motor manufacturer's recommendations. It is, therefore, not detrimental to the motor and economically desirable.

Inline Centrifugal Fans

