

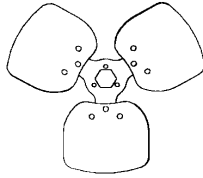


Termes et Conditons

- 1- Aucun retour n'est accepté sur les ventilateurs.**
 - 2- Les chartes sont disponibles à titre d'information seulement.**
 - 3- Universal se détache de toute erreur pouvant avoir été imprimé dans ce bulletin.**
 - 4- Les ventilateurs de grand format sont sujets au cubage selon les règles de transport.**
 - 5- Nos modalités de paiement pour comptes au crédit établi sont de : NET 30 JOURS. Les factures non réglées sont sujettes à un intérêt de 1.5% par mois.**
 - 6- D'autres modèles sont disponibles sur commande spéciale avec achat de quantité minimum.**
-

Terms and Conditions

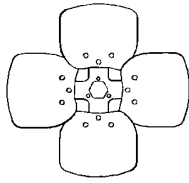
- 1- No returns will be accepted on fan blades or blower wheels.**
- 2- This breakdown chart is made available as an information reference only.**
- 3- Universal Electric Motors does not assume responsibilty for any printing errors found in this catalog.**
- 4- Larger fan blades are subject to cubing charges established in transport regulations.**
- 5- Our payment terms are set at NET 30 DAYS for existing accounts. All unpaid invoices are liable to an interest charge of 1.5% per month.**
- 6- Additional models are available through special orders. With a minimum purchasing quantity if applicable.**



3 BLADE FREE AIR TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	FREE AIR RATINGS							
			1050 RPM		1140 RPM		1550 RPM		1725 RPM	
			C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
31027-CW-HD*	10	27	490	0.006	530	0.008	720	0.021	800	0.030
31027-CCW-HD*										
31219-CW-HD*	12	19	580	0.009	735	0.012	1000	0.031	1113	0.042
31219-CCW-HD*										
31223-CW-HD*	12	23	637	0.130	740	0.013	980	0.040	1040	0.050
31223-CCW-HD*										
31419-CW-HD*	14	19	830	0.020	910	0.030	1280	0.075	1400	0.100
31419-CCW-HD*										
31423-CW-HD*	14	23	-	-	1070	0.031	1470	0.075	1625	0.100
31423-CCW-HD*										
31427-CW-HD*	14	27	-	-	1220	0.041	1650	0.100	1850	0.144
31427-CCW-HD*										
31619-CW-HD*	16	19	-	-	1380	0.040	1850	0.100	2090	0.153
31619-CCW-HD*										
31623-CW-HD*	16	23	1350	0.040	1500	0.055	2100	0.160	2350	0.220
31623-CCW-HD*										
31627-CW	16	27	1600	0.060	1790	0.080	2440	0.250	2590	0.320
31627-CCW										
31823-CW	18	23	2010	0.068	2300	0.090	3100	0.270	3500	0.350
31823-CCW										
31827-CW-HD*	18	27	2430	0.105	2650	0.150	3580	0.370	3970	0.510
31827-CCW-HD*										
32023-CW-HD*	20	23	3040	0.150	3310	0.230	4500	0.480	5200	0.600
32023-CCW-HD*										
32418-CW	24	18	3300	0.102	2500	0.130	3400	0.320	4000	0.525
32418-CCW										

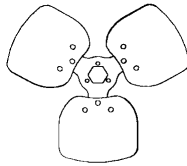
* CAN BE USED IN BOTH FREE AIR AND CONDENSER APPLICATIONS



4 BLADE FREE AIR TYPE SPECIFICATIONS AND PERFORMANCE CHART

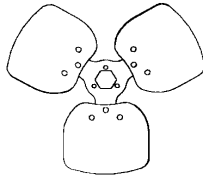
Part No.	Diameter	Pitch	FREE AIR RATINGS							
			1050 RPM		1140 RPM		1550 RPM		1725 RPM	
			C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
41023-CW-HD	10	23	370	0.005	400	0.007	550	0.02	600	0.025
41023-CCW-HD										
41027-CW-HD	10	27	430	0.007	475	0.01	630	0.023	720	0.030
41027-CCW-HD										
41033-CW-HD	10	33	505	0.01	550	0.013	750	0.032	850	0.043
41033-CCW-HD										
41223-CW-HD	12	23	579	0.018	810	0.018	1010	0.06	1140	0.075
41223-CCW-HD										
41227-CW-HD	12	27	760	0.017	830	0.025	1120	0.06	1270	0.081
41227-CCW-HD										
41233-CW-HD	12	33	870	0.024	950	0.038	1290	0.09	1430	0.120
41233-CCW-HD										
41423-CW-HD	14	23	923	0.03	1100	0.03	1480	0.08	1650	0.090
41423-CCW-HD										
41427-CW-HD	14	27	1050	0.03	1150	0.04	1560	0.1	1740	0.136
41427-CCW-HD										
41433-CW-HD	14	33	1340	0.046	1460	0.06	1980	0.147	2200	0.200
41433-CCW-HD										
41623-CW-HD	16	23	1339	0.08	1680	0.08	2450	0.18	2700	0.270
41623-CCW-HD										
41627-CW-HD	16	27	1700	0.062	1850	0.09	2500	0.2	2800	0.300
41627-CCW-HD										
41633-CW-HD	16	33	2020	0.092	2200	0.125	2990	0.32	3330	0.430
41633-CCW-HD										
41823-CW-HD	18	23	2370	0.1	2580	0.129	3420	0.325	3800	0.440
41823-CCW-HD										
41827-CW-HD	18	27	2229	0.15	3000	0.15	4000	0.41	4550	0.500
41827-CCW-HD										
41833-CW-HD	18	33	2999	0.18	3250	0.25	4400	0.615	4950	0.836
41833-CCW-HD										
42023-CW-HD	20	23	3120	0.15	3400	0.24	4620	0.591	5300	0.800
42023-CCW-HD										

CAN BE USED IN BOTH FREE AIR AND CONDENSER APPLICATIONS



HEAVY DUTY 3 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
31023-CW-HD	10	23	1100	413	0.004	257	0.008	88	0.013	-	-
			1550	562	0.012	448	0.016	325	0.021	200	0.027
31023-CCW-HD			1725	625	0.016	525	0.021	417	0.026	306	0.031
31027-CW-HD	10	27	1100	456	0.006	296	0.008	120	0.018	-	-
			1550	620	0.016	504	0.021	378	0.027	250	0.036
31027-CCW-HD			1725	690	0.022	587	0.027	476	0.034	360	0.041
31219-CW-HD	12	19	1100	735	0.012	560	0.014	260	0.018	-	-
			1550	1000	0.031	875	0.033	730	0.037	515	0.042
31219-CCW-HD			1725	1113	0.042	1000	0.045	880	0.048	723	0.053
31223-CW-HD	12	23	1100	830	0.018	650	0.020	408	0.023	-	-
			1550	1130	0.045	1000	0.047	855	0.051	700	0.058
31223-CCW-HD			1725	1257	0.062	1140	0.064	1012	0.067	890	0.072
31419-CW-HD	14	19	1140	920	0.025	793	0.032	507	0.040	338	0.051
			1550	1250	0.050	1170	0.066	1069	0.076	788	0.093
31419-CCW-HD			1725	1360	0.090	1313	0.095	1234	0.107	1132	0.123
31423-CW-HD	14	23	1140	1070	0.031	942	0.041	622	0.050	477	0.060
			1550	1470	0.075	1379	0.088	1269	0.098	1115	0.108
31423-CCW-HD			1725	1625	0.100	1545	0.121	1457	0.135	1358	0.150
31427-CW-HD	14	27	1140	1220	0.041	1078	0.051	728	0.060	585	0.071
			1550	1650	0.100	1587	0.115	1464	0.132	1271	0.145
31427-CCW-HD			1725	1850	0.144	1766	0.157	1666	0.172	1547	0.190
31619-CW-HD	16	19	1140	1380	0.040	1245	0.049	950	0.058	702	0.075
			1550	1850	0.100	1779	0.108	1658	0.123	1464	0.138
31619-CCW-HD			1725	2090	0.153	1991	0.159	1879	0.167	1728	0.179
31623-CW-HD	16	23	1140	1550	0.050	1417	0.067	1121	0.084	868	0.091
			1550	2100	0.130	2013	0.136	1891	0.162	1697	0.191
31623-CCW-HD			1725	2350	0.187	2250	0.199	2138	0.214	1987	0.234
31827-CW-HD	18	27	1140	2610	0.130	2428	0.159	2201	0.178	1693	0.200
			1550	3550	0.360	3441	0.369	3302	0.399	3120	0.431
31827-CCW-HD			1725	3980	0.480	3688	0.547	3392	0.617	2920	0.669
31833-CW-HD	18	33	850	2440	0.085	2025	0.096	1500	0.125	1025	0.155
			1000	2860	0.140	2530	0.150	2080	0.167	1700	0.210
31833-CCW-HD			1140	3250	0.200	3000	0.210	2600	0.220	2250	0.235
32027-CW-HD	20	27	850	2500	0.072	2100	0.085	1460	0.105	950	0.122
			1000	3150	0.180	2945	0.199	2636	0.226	1847	0.280
32027-CCW-HD			1140	3360	0.250	3425	0.276	3203	0.304	2851	0.321
32033-CW-HD	20	33	850	-	-	-	-	-	-	-	-
			1000	3610	0.250	3421	0.266	3112	0.291	2252	0.370
32033-CCW-HD			1140	4140	0.380	3939	0.393	3669	0.418	3257	0.412
32227-CW-HD	22	27	850	3230	0.170	2875	0.181	2168	0.216	1900	0.244
			1000	3700	0.270	3425	0.281	3060	0.301	2359	0.339
32227-CCW-HD			1140	4100	0.360	3905	0.401	3637	0.417	3155	0.441
32230-CW-HD	22	30	850	4310	0.170	3840	0.200	3210	0.230	2470	0.300
			1000	5080	0.280	4700	0.330	4250	0.360	3600	0.380
			1140	5790	0.420	5450	0.460	5070	0.500	4600	0.530
32233-CW-HD	22	33	850	3780	0.240	3389	0.256	2711	0.286	2363	0.323
			1000	4300	0.370	4026	0.392	3618	0.418	2911	0.459
32233-CCW-HD			1140	4810	0.520	4594	0.564	4300	0.582	3834	0.600



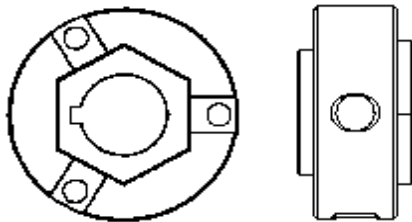
HEAVY DUTY 3 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
32427-CW-HD	24	27	850	5070	0.230	4650	0.240	4100	0.265	3100	0.300
			1000	5850	0.380	5600	0.400	5180	0.420	4650	0.440
32427-CCW-HD			1140	6750	0.540	6500	0.560	6200	0.580	5780	0.610
32433-CW-HD	24	33	850	5860	0.330	5500	0.370	4950	0.385	3700	0.415
			1000	6900	0.570	6620	0.593	6250	0.608	5700	0.615
32433-CCW-HD			1140	7980	0.840	7680	0.860	7350	0.880	7000	0.895
33024-CW-HD*	30 *	24	850	7000	0.430	6600	0.520	5900	0.580	5200	0.630
			1000	8350	0.700	8170	0.830	7750	0.900	7400	1.000
			1140	9500	1.000	9200	1.130	8700	1.230	8350	1.320
33624-CW-HD*	36 *	24	720	10750	0.510	10000	0.580	9150	0.680	8000	0.760
			850	12450	0.850	11850	1.000	11250	1.150	10500	1.230
			1000	15000	1.550	14200	1.620	13900	1.750	13100	1.850
33627-CW-HD*	36 *	27	720	12250	0.780	11500	0.890	10750	1.000	9500	1.150
			850	14250	1.300	13750	1.400	13100	1.500	12350	1.590
			1000	16900	2.300	16400	2.400	15900	2.500	15200	2.580

* SPECIAL ORDER ITEMS

* MUST ORDER SPLIT TAPERED BUSHING SEPARATELY

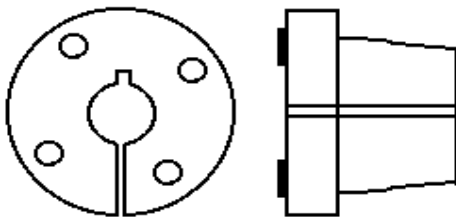
UNIVERSAL HEX HUBS



5/16"
3/8"
1/2"
* 5/8"
* 3/4"

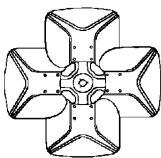
*KEYWAY ON 5/8" & 3/4" BORE

SPLIT TAPERED BUSHINGS



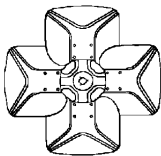
No.	Bore
* 7250	1/2"
7251	5/8"
7252	3/4"
7253	7/8"
7254	1"
7255	1-1/8"
7256	1-3/16"
7257	1-3/8"
7258	1-1/4"

*NO KEYWAY ON 1/2" BORE



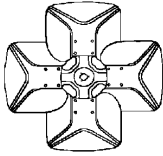
HEAVY DUTY 4 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
41019-CW-HD	10	19	1140	350	0.006	257	0.008	159	0.011	76	0.015
			1550	470	0.014	418	0.018	316	0.021	237	0.026
41019-CCW-HD			1725	525	0.020	476	0.023	409	0.027	294	0.034
41023-CW-HD	10	23	1140	410	0.008	326	0.010	195	0.015	99	0.019
			1550	560	0.020	508	0.023	420	0.027	294	0.033
41023-CCW-HD			1725	620	0.024	580	0.028	518	0.033	357	0.043
41027-CW-HD	10	27	1140	470	0.009	376	0.013	231	0.017	129	0.022
			1550	635	0.023	582	0.028	496	0.033	337	0.040
41027-CCW-HD			1725	720	0.030	666	0.036	596	0.042	408	0.052
41033-CW-HD	10	33	1140	550	0.013	445	0.017	274	0.021	159	0.028
			1550	750	0.033	683	0.039	585	0.043	404	0.050
41033-CCW-HD			1725	840	0.045	782	0.051	695	0.057	477	0.066
41219-CW-HD	12	19	1140	830	0.020	666	0.026	213	0.030	-	-
			1550	1129	0.050	1040	0.056	870	0.065	560	0.078
41219-CCW-HD			1725	1257	0.069	1185	0.074	1052	0.084	846	0.096
41223-CW-HD	12	23	1140	770	0.018	642	0.023	406	0.035	301	0.040
			1550	980	0.060	930	0.059	831	0.060	619	0.063
41223-CCW-HD			1725	1120	0.070	1049	0.078	959	0.081	820	0.088
41227-CW-HD	12	27	1140	830	0.022	712	0.027	455	0.039	354	0.044
			1550	1080	0.070	1022	0.068	926	0.069	697	0.073
41227-CCW-HD			1725	1225	0.090	1156	0.094	1067	0.098	928	0.103
41233-CW-HD	12	33	1140	950	0.038	842	0.040	575	0.045	470	0.055
			1550	1280	0.080	1217	0.095	1126	0.098	811	0.112
41233-CCW-HD			1725	1430	0.130	1378	0.138	1300	0.147	1158	0.150
41419-CW-HD	14	19	1140	905	0.024	799	0.031	552	0.042	481	0.047
			1550	1225	0.060	1156	0.066	1062	0.075	854	0.089
41419-CCW-HD			1725	1370	0.080	1315	0.087	1246	0.100	1112	0.113
41423-CW-HD	14	23	1140	1060	0.030	958	0.038	668	0.051	590	0.059
			1550	1430	0.080	1358	0.085	1277	0.093	1082	0.108
41423-CCW-HD			1725	1590	0.090	1542	0.107	1468	0.121	1365	0.136
41427-CW-HD	14	27	1140	1185	0.040	1074	0.048	759	0.061	672	0.070
			1550	1590	0.100	1522	0.108	1441	0.117	1261	0.132
41427-CCW-HD			1725	1775	0.130	1718	0.136	1643	0.150	1543	0.167
41433-CW-HD	14	33	1140	1470	0.070	1346	0.077	979	0.085	860	0.095
			1550	2000	0.170	1908	0.180	1813	0.193	1633	0.202
41433-CCW-HD			1725	2200	0.220	2131	0.234	2054	0.249	1942	0.269
41619-CW-HD	16	19	1140	1450	0.060	1357	0.063	1197	0.075	895	0.093
			1550	1980	0.140	1887	0.152	1813	0.164	1705	0.179
41619-CCW-HD			1725	2170	0.185	2125	0.200	2069	0.209	1992	0.222
41623-CW-HD	16	23	1140	1730	0.070	1635	0.080	1487	0.092	1055	0.120
			1550	2360	0.180	2266	0.208	2174	0.230	2062	0.250
41623-CCW-HD			1725	2590	0.260	2542	0.272	2478	0.288	2399	0.306
41627-CW-HD	16	27	1140	1910	0.090	1791	0.100	1639	0.114	1183	0.139
			1550	2580	0.210	2483	0.248	2386	0.270	2267	0.291
41627-CCW-HD			1725	2850	0.320	2793	0.338	2725	0.352	2638	0.369
41633-CW-HD	16	33	1140	2230	0.140	2120	0.148	1889	0.161	1500	0.184
			1550	3040	0.330	2933	0.356	2832	0.371	2695	0.385
41633-CCW-HD			1725	3370	0.520	3329	0.526	3260	0.530	3148	0.537



HEAVY DUTY 4 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
41823-CW-HD	18	23	850	1910	0.040	1690	0.055	1240	0.075	860	0.095
			1000	2270	0.080	2090	0.095	1820	0.120	1340	0.140
			1140	2590	0.110	2430	0.135	2230	0.160	1920	0.180
41827-CW-HD	18	27	850	2150	0.062	1850	0.080	1350	0.100	1000	0.115
			1000	2540	0.100	2300	0.120	1950	0.140	1500	0.170
			1140	2850	0.140	2650	0.160	2400	0.190	2060	0.220
41830-CW-HD	18	30	850	2300	0.075	1970	0.095	1450	0.115	1130	0.140
			1000	2700	0.120	2500	0.145	2050	0.177	1640	0.190
			1140	3080	0.180	2900	0.205	2560	0.237	2150	0.260
41833-CW-HD	18	33	850	2480	0.095	2130	0.115	1560	0.135	1240	0.160
			1000	2920	0.150	2650	0.172	2200	0.203	1770	0.230
			1140	3300	0.230	3080	0.250	2750	0.280	2300	0.320
42023-CW-HD	20	23	850	2235	0.056	1830	0.075	1400	0.090	1060	0.105
			1000	2630	0.091	2280	0.117	1930	0.135	1560	0.160
			1140	3000	0.135	2700	0.160	2400	0.190	2100	0.207
42027-CW-HD	20	27	850	2590	0.090	2180	0.103	1700	0.130	1300	0.142
			1000	3000	0.150	2680	0.162	2300	0.180	1900	0.200
			1140	3420	0.196	3120	0.230	2800	0.255	2450	0.280
42030-CW-HD	20	30	850	2800	0.110	2490	0.128	1900	0.145	1500	0.170
			1000	3300	0.180	3020	0.200	2650	0.220	2150	0.240
			1140	3770	0.260	3510	0.290	3215	0.310	2830	0.335
42033-CW-HD	20	33	850	3120	0.130	2700	0.150	2040	0.165	1610	0.195
			1000	3660	0.210	3330	0.235	2850	0.260	2300	0.282
			1140	4160	0.315	3900	0.340	3520	0.360	3020	0.390
42223-CW-HD	22	23	850	3300	0.150	3070	0.175	2760	0.200	2340	0.220
			1000	3870	0.245	3700	0.275	3450	0.305	3150	0.330
			1140	4410	0.360	4270	0.395	4090	0.430	3850	0.460
42227-CW-HD	22	27	850	3900	0.208	3650	0.230	3280	0.255	2800	0.280
			1000	4580	0.330	4400	0.365	4100	0.395	3780	0.427
			1140	5220	0.500	5050	0.520	4840	0.565	4580	0.600
42233-CW-HD	22	33	850	4460	0.300	4200	0.322	3830	0.350	3100	0.375
			1000	5250	0.480	5050	0.520	4780	0.552	4400	0.580
			1140	6000	0.710	5800	0.760	5600	0.800	5320	0.830
42418-CW-HD	24	18	850	3700	0.120	3300	0.150	2700	0.180	2200	0.200
			1000	4500	0.250	4200	0.180	3900	0.200	3500	0.250
			1140	5200	0.350	5000	0.250	4800	0.350	4300	0.400
42423-CW-HD	24	23	850	4350	0.210	4200	0.218	3750	0.235	3000	0.273
			1000	5120	0.340	5000	0.350	4800	0.360	3850	0.417
			1140	5850	0.508	5720	0.518	5600	0.525	5400	0.545
42427-CW-HD	24	27	850	5100	0.265	4800	0.283	4300	0.320	3600	0.360
			1000	6000	0.440	5650	0.470	5300	0.495	4900	0.520
			1140	6900	0.670	6600	0.695	6350	0.715	6000	0.735
42433-CW-HD	24	33	850	6050	0.360	5600	0.400	5125	0.420	4400	0.460
			1000	7050	0.590	6750	0.610	6350	0.650	5850	0.700
			1140	8150	0.900	7850	0.930	7500	0.955	7050	1.000

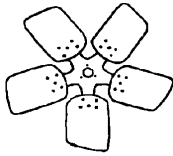


HEAVY DUTY 4 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
42624-CW-HD	26	24	850	5440	0.333	5200	0.375	4900	0.412	4500	0.448
			1000	6400	0.540	6200	0.590	6000	0.630	5700	0.680
			1140	7300	0.810	7120	0.860	6930	0.910	6720	0.960
42627-CW-HD	26	27	850	6130	0.448	5880	0.488	5600	0.530	5200	0.570
			1000	7200	0.730	7000	0.780	6780	0.820	6500	0.870
			1140	8220	1.080	8050	1.120	7840	1.180	7600	1.240
42633-CW-HD	26	33	850	7100	0.622	6800	0.660	6500	0.700	6080	0.740
			1000	8340	1.010	8100	1.060	7860	1.110	7600	1.150
			1140	9500	1.500	9300	1.550	9100	1.600	8850	1.650
42827-CW-HD*	28*	27	750	7410	0.450	6780	0.490	5950	0.520	4450	0.540
			850	8400	0.660	7840	0.700	7200	0.740	6370	0.770
			1000	9900	1.070	9410	1.120	8950	1.170	8310	1.210
43027-CW-HD*	30*	27	720	7970	0.470	7170	0.540	6400	0.580	5250	0.630
			850	9410	0.780	8750	0.850	8050	0.930	7400	0.960
			1000	11070	1.270	10510	1.350	9910	1.440	9350	1.530
43627-CW-HD*	36*	27	500	10170	0.450	8820	0.510	6750	0.550	4400	0.600
			720	14650	1.350	13800	1.440	12800	1.520	11600	1.590
			820	16700	2.000	15950	2.100	15100	2.190	14160	2.270
44227-CW-HD*	42*	27	500	15440	0.990	13640	1.050	11600	1.100	8500	1.180
			600	18520	1.710	17010	1.770	15500	1.850	13700	1.920
			710	21920	2.830	20650	2.880	19400	3.000	18060	3.070
44827-CW-HD*	48*	27	300	14240	0.400	10520	0.470	4920	0.530	2500	0.650
			400	18990	0.950	16600	1.010	13208	1.180	8080	1.200
			500	23750	1.860	21820	1.940	19650	2.030	16900	2.180
45427-CW-HD*	54*	27	300	19800	0.760	15620	0.840	9100	0.880	6250	1.040
			400	26360	1.800	23650	1.900	19800	2.010	14200	2.080
			500	32950	3.510	30870	3.690	28500	3.760	25165	3.910
			575	37900	5.340	36080	5.540	34120	5.630	32000	5.830
46027-CW-HD*	60*	27	200	17500	0.330	8900	0.400	3650	0.530	850	0.730
			300	26210	1.130	22550	1.250	14950	1.330	10250	1.430
			400	34950	2.670	32330	2.840	29120	2.960	24200	3.150
			475	41500	4.480	39300	4.670	37070	4.880	33950	4.960
46040-CW-HD*	60*	40	200	22000	0.610	13260	0.680	6950	0.800	3320	1.020
			300	33000	2.060	28920	2.180	21700	2.180	16180	2.360
			400	44000	4.880	41000	5.050	37820	5.210	33150	5.380
			460	50600	7.420	48000	7.620	45350	7.810	42500	7.970

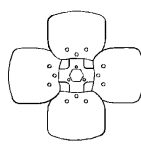
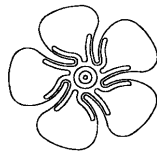
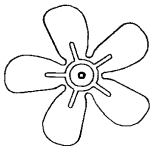
* SPECIAL ORDER ITEMS

* MUST ORDER SPLIT TAPERED BUSHING SEPARATELY



HEAVY DUTY 5 BLADE CONDENSER TYPE SPECIFICATIONS AND PERFORMANCE CHART

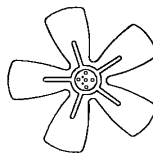
Part No.	Diameter	Pitch	R.P.M.	STATIC PRESSURE							
				.0		.10		.20		.30	
				C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.	C.F.M.	H.P.
51223-CW-HD	12	23	1140	895	0.022	720	0.034	480	0.040	390	0.045
			1550	1220	0.055	1125	0.068	940	0.087	730	0.098
51223-CCW-HD			1725	1354	0.076	1273	0.095	1145	0.113	922	0.125
51227-CW-HD	12	27	1140	970	0.027	795	0.036	575	0.044	460	0.049
			1550	1320	0.068	1215	0.078	1050	0.092	875	0.104
51227-CCW-HD			1725	1470	0.094	1375	0.108	1250	0.120	1080	0.135
51423-CW-HD	14	23	1140	1190	0.045	1020	0.055	830	0.065	670	0.075
			1550	1620	0.113	1495	0.127	1365	0.142	1225	0.154
51423-CCW-HD			1725	1800	0.156	1695	0.170	1580	0.186	1450	0.200
51427-CW-HD	14	27	1140	1330	0.055	1130	0.063	880	0.076	725	0.085
			1550	1810	0.138	1680	0.145	1510	0.160	1310	0.178
51427-CCW-HD			1725	2015	0.191	1900	0.200	1760	0.212	1580	0.230
51627-CW-HD	16	27	850	1550	0.055	1320	0.065	1020	0.075	705	0.092
			1000	1825	0.085	1650	0.100	1425	0.115	1125	0.130
			1140	2150	0.123	1950	0.140	1750	0.160	1525	0.175
51627-CCW-HD	16	33	1550	2925	0.309	2775	0.330	2625	0.360	2475	0.385
51633-CW-HD	16	33	850	1910	0.071	1670	0.082	1280	0.097	770	0.110
			1000	2250	0.115	2050	0.125	1825	0.140	1420	0.163
			1140	2550	0.165	2400	0.180	2200	0.200	1925	0.220
51633-CCW-HD	16	33	1550	3467	0.415	3360	0.433	3250	0.455	3160	0.487
51827-CW-HD	18	27	850	2225	0.085	1970	0.100	1600	0.120	1125	0.140
			1000	2625	0.135	2425	0.150	2170	0.172	1850	0.195
51827-CCW-HD			1140	2970	0.190	2800	0.220	2600	0.240	2350	0.260
51833-CW-HD	18	33	850	2630	0.117	2440	0.142	2120	0.155	1450	0.175
			1000	3100	0.205	2950	0.220	2750	0.240	2400	0.260
51833-CCW-HD			1140	3500	0.320	3400	0.337	3220	0.350	3000	0.363
52027-CW-HD	20	27	850	2890	0.130	2600	0.150	2200	0.163	1620	0.185
			1000	3350	0.220	3100	0.250	2850	0.275	2500	0.295
52027-CCW-HD			1140	3800	0.330	3600	0.350	3400	0.370	3100	0.400
52033-CW-HD	20	33	850	3460	0.183	3180	0.204	2750	0.225	2200	0.240
			1000	4050	0.300	3800	0.320	3520	0.350	3120	0.370
52033-CCW-HD			1140	4650	0.440	4450	0.455	4210	0.480	3960	0.510
52227-CW-HD	22	27	850	4050	0.190	3725	0.220	3270	0.240	2425	0.262
			1000	4700	0.320	4500	0.335	4170	0.350	3800	0.390
52227-CCW-HD			1140	5400	0.475	5230	0.490	4960	0.520	4650	0.545
52233-CW-HD	22	33	850	4800	0.322	4425	0.340	3875	0.355	2850	0.365
			1000	5700	0.530	5350	0.550	4950	0.565	4420	0.572
52233-CCW-HD			1140	6500	0.775	6250	0.800	5850	0.825	5450	0.850
52427-CW-HD	24	27	850	5300	0.295	4950	0.320	4500	0.345	3800	0.385
			1000	6150	0.500	5900	0.523	5610	0.550	5200	0.570
52427-CCW-HD			1140	7000	0.730	6800	0.750	6520	0.782	6210	0.820
52433-CW-HD	24	33	850	6220	0.500	5850	0.525	5300	0.540	4450	0.560
			1000	7350	0.820	7080	0.840	6630	0.865	6100	0.880
52433-CCW-HD			1140	8350	1.150	8060	1.200	7750	1.270	7330	1.300
52627-CW-HD	26	27	850	6600	0.500	6170	0.530	5690	0.560	5080	0.586
			1000	7765	0.814	7420	0.848	7040	0.884	6580	0.920
52627-CCW-HD			1140	8850	1.205	8540	1.240	8220	1.280	7875	1.328
52633-CW-HD	26	33	850	7700	0.710	7125	0.760	6500	0.800	5700	0.824
			1000	9060	1.156	8580	1.211	8060	1.265	7520	1.310
52633-CCW-HD			1140	10330	1.712	9920	1.772	9470	1.832	9020	1.896



5 BLADE ONE PIECE FIXED HUB SPECIFICATIONS TABLE

Stock No.	Rotation	Diameter	Pitch	Bore	Max. RPM
6-4500 *	CW	6	19	1/4"	3450
6-4501 *	CW	6	19	3/16"	3450
6-4587	CW	5.5	27	1/4"	3450
6-4588	CCW	5.5	27	1/4"	3450
6-4589	CW	5.5	27	5/16"	3450
6-4590	CCW	5.5	27	5/16"	3450
6-4591	CW	7	27	1/4"	3450
6-4592	CCW	7	27	1/4"	3450
6-4593	CW	7	27	5/16"	3450
6-4594	CCW	7	27	5/16"	3450
6-4595	CW	8	24	1/4"	3450
6-4596	CCW	8	24	1/4"	3450
6-4597	CW	8	24	5/16"	3450
6-4598	CCW	8	24	5/16"	3450
6-4599	CW	8	32	1/4"	3450
6-4600	CCW	8	32	1/4"	3450
6-4601	CW	8	32	5/16"	3450
6-4602	CCW	8	32	5/16"	3450
6-4603	CW	9	26	1/4"	3000
6-4604	CCW	9	26	1/4"	3000
6-4605	CW	9	26	5/16"	3000
6-4606	CCW	9	26	5/16"	3000
6-4607	CW	10	20	1/4"	1725
6-4608	CCW	10	20	1/4"	1725
6-4609	CW	10	20	5/16"	1725
6-4610	CCW	10	20	5/16"	1725
6-4611	CW	10	31	5/16"	1725
6-4612	CCW	10	31	5/16"	1725
41224-CCW-5/16 *	CCW	12	24	5/16"	1550
51228-CW-5/16	CW	12	28	5/16"	1550

* 4 Blade Fans



HUBLESS FAN BLADES SPECIFICATIONS TABLE

Stock No.	Rotation	Diameter	Pitch	No. of Blades	Max. RPM
2211	CW	7	20	5	3000
2212	CCW	7	20	5	3000
2256	CW	7.75	32	3	1550
2217	CW	8	20	5	3000
2218	CCW	8	20	5	3000
2235	CW	8.75	20	5	1550
2267	CW	10	22	4	2400
2268	CCW	10	29	5	2400



SINGLE INLET BLOWER WHEELS

ROTATION DETERMINED BY VIEWING BACK PLATE

Part No.	Diameter	Width	Rotation	Bore Size	Max. RPM
4705842 *	3	2	CW	1/4	3450
4705852 *	3	2	CCW	1/4	3450
4705882 *	3 3/4	2 1/2	CW	5/16	3450
4705892 *	3 3/4	2 1/2	CCW	5/16	3450
1185A	3 13/16	1 29/32	CW	1/4	3450
1187A	3 13/16	1 29/32	CCW	1/4	3450
1186A	3 13/16	1 29/32	CW	5/16	3450
1188A	3 13/16	1 29/32	CCW	5/16	3450
95721	4 1/4	2 1/2	CW	3/8	4500
95722	4 1/4	2 1/2	CCW	3/8	4500
95725	4 3/4	2 1/16	CW	1/2	3600
95726	4 3/4	2 1/16	CCW	1/2	3600
95727	4 3/4	2 1/2	CW	1/2	3600
95728	4 3/4	2 1/2	CCW	1/2	3600
95729	4 3/4	2 15/16	CW	1/2	3600
95730	4 3/4	2 15/16	CCW	1/2	3600
4705932	4 3/4	3	CW	5/16	1725
4705942	4 3/4	3	CCW	5/16	1725
95731	4 3/4	3 7/16	CW	1/2	3600
95732	4 3/4	3 7/16	CCW	1/2	3600
95733	5 1/4	2 1/16	CW	1/2	3600
95734	5 1/4	2 1/16	CCW	1/2	3600
2-0047	5 1/4	2 1/2	CCW	5/16	3600
2-0253	5 1/4	2 1/2	CW	5/16	3600
95735	5 1/4	2 1/2	CW	1/2	3600
95736	5 1/4	2 1/2	CCW	1/2	3600
2-0053	5 1/4	3	CW	5/16	3600
2-0054	5 1/4	3	CCW	5/16	3600
95739	5 1/4	3 7/16	CW	1/2	3600
95740	5 1/4	3 7/16	CCW	1/2	3600
4705992	5 1/4	3 1/2	CW	5/16	1725
WGP240	5 1/4	3 1/2	CCW	5/16	2450
95753	5 3/4	2 1/16	CW	1/2	3450
95754	5 3/4	2 1/16	CCW	1/2	3450
95755	5 3/4	2 1/2	CW	1/2	3450
95756	5 3/4	2 1/2	CCW	1/2	3450
95758	5 3/4	2 15/16	CCW	1/2	3450
4706012	5 3/4	3	CW	5/16	1725
4706022	5 3/4	3	CCW	5/16	1725
95759	5 3/4	3 7/16	CW	1/2	3450
4706052	5 3/4	4	CW	1/2	1725
4706062	5 3/4	4	CCW	1/2	1725
95741	6 5/16	2 1/16	CW	1/2	3450
95742	6 5/16	2 1/16	CCW	1/2	3450
95743	6 5/16	2 1/2	CW	1/2	3450
95744	6 5/16	2 1/2	CCW	1/2	3450



SINGLE INLET BLOWER WHEELS

ROTATION DETERMINED BY VIEWING BACK PLATE

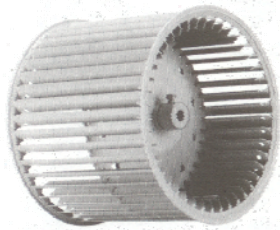
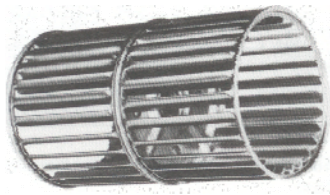
Part No.	Diameter	Width	Rotation	Bore Size	Max. RPM
95745	6 5/16	2 15/16	CW	1/2	3450
95746	6 5/16	2 15/16	CCW	1/2	3450
95747	6 5/16	3 7/16	CW	1/2	3450
95748	6 5/16	3 7/16	CCW	1/2	3450
95749	6 5/16	3 13/16	CW	1/2	3450
95750	6 5/16	3 13/16	CCW	1/2	3450
95751	6 5/16	4 1/4	CW	1/2	3450
95752	6 5/16	4 1/4	CCW	1/2	3450
WGP620	6 1/2	4 3/4	CCW	1/2	1725
WGP840	7 1/8	4 1/4	CCW	1/2	1725
49142	7 7/16	2 1/2	CCW	1/2	3450
49125	7 7/16	3	CCW	1/2	3450
49120	7 7/16	3 1/2	CCW	1/2	1725
49137	7 7/16	3 1/2	CW	1/2	1725
48705	8 1/2	4	CW	1/2	1725
48706	8 1/2	4	CCW	1/2	1725
48738	8 1/2	4 1/2	CW	1/2	1725
48739	8 1/2	4 1/2	CCW	1/2	1725
55302	9 1/8	4 1/2	CW	1/2	1725
55304	9 1/8	4 1/2	CCW	1/2	1725
WGP1100	9 1/2	5 5/8	CCW	5/8	1725

STEEL SHAFT ADAPTER BUSHINGS

Part No.	I.D.	O.D.
1231	1/4	5/16
1300	1/4	3/8
1302	5/16	3/8
1304	5/16	1/2
1305	3/8	7/16
1306	3/8	1/2
1487	1/2	5/8
1307 **	1/2	5/8
1483	5/8	3/4

** Split bushing with 3/16" key furnished





DOUBLE INLET BLOWER WHEELS

ROTATION DETERMINED BY VIEWING HUB EXTENSION

Part No.	Diameter	Width	Rotation	Bore Size	Max. RPM
95808	4 3/4	5 1/8	CW	1/2	3600
95801	4 3/4	6 7/8	CW	1/2	3600
95802	5 1/4	5 7/8	CW	1/2	3600
2-0223	5 1/4	7	CW	1/2	3600
2-0891	5 1/4	7	CCW	1/2	3600
95803	5 1/4	6 7/8	CW	1/2	3600
95804	5 3/4	5 7/8	CW	1/2	3450
95805	5 3/4	6 7/8	CW	1/2	3450
2-0600	5 3/4	7 5/8	CW	1/2	3000
2-0678	5 3/4	7 5/8	CCW	1/2	3000
1-4721	5 3/4	7 7/8	CW	1/2	1800
95806	5 3/4	8 1/2	CW	1/2	3450
1-0438	6 1/4	7	CCW	1/2	2050
1-0439	6 1/4	7	CW	1/2	2050
95807	6 1/4	7 5/8	CW	1/2	3450
1-0315	6 1/4	7 7/8	CW	1/2	1725
5014652	9 1/2	7 1/8	CW	3/4	1550
5014662	9 1/2	9 1/2	CW	3/4	1550
5705422	9 1/2	9 1/2	CW	1/2	1550
851912 *	9 15/16	9 1/2	CW / CCW	3/4	1200
5014672	10 5/8	8	CW	3/4	1550
1-2640	10 5/8	10 5/8	CW	1/2	1150
5705432	10 5/8	8	CW	1/2	1550
5014682	10 5/8	10 5/8	CW	3/4	1150
1332601 *	11 1/8	6	CW	1/2	1050
1332602 *	11 1/8	6	CCW	1/2	1050
1332501 *	11 1/8	7 1/8	CW	1/2	1050
1331602 *	11 1/8	10 5/8	CW	1/2	1050
1331606 *	11 1/8	10 5/8	CCW	1/2	1050
836012	11 1/8	10 5/8	CW / CCW	3/4	1050
5705462	12 3/4	9 1/2	CW	3/4	1150
5705452	12 3/4	12 1/4	CW	3/4	1150
840316 *	13 3/16	12 5/8	CW / CCW	1	1050
840379 *	13 3/16	12 5/8	CW / CCW	1-7/16	1050
841816	15 1/2	11	CW / CCW	1	800
5705482	15 1/2	15	CW	1	1150
827672 *	15 1/2	15	CW / CCW	1-7/16	800
865816 *	18 5/8	18	CW / CCW	1	700

* = SPECIAL ORDER



RAIN SHIELD 2.50" DIAMETER
Part No. 14488503 5/8" Bore



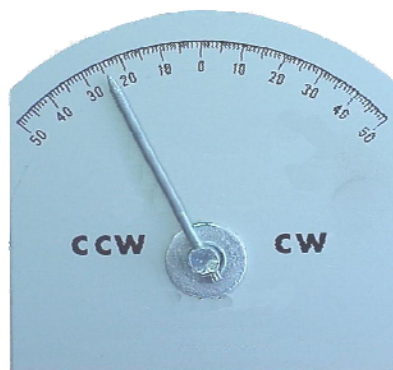
RAIN SHIELD 6.75" DIAMETER
Part No. 1330A 1/2" Bore
Part No. 1383A 5/8" Bore

FAN AND BLOWER PULLER
Part No. UP1



FLEX MOUNTING KITS
FOR 5" & 5-5/8" DIAMETER MOTORS

Part No. FLEX50 + FLEX55



FAN PITCH GAUGE
Part No. PITCH GAUGE