





## No. 60 Material Handling Fan

Wheel Diameter 54"

No. of Blades: 12

Wheel Circumference 14.135'

Max RPM: 1060

\*outlet velocity based on 25" diameter pipe

CFM	OUT VEL	3" S.P.		4" S.P.		5" S.P.		6" S.P.		7" S.P.		8" S.P.		9" S.P.		10" S.P.		11" S.P.		12" S.P.		13" S.P.		14" S.P.		15" S.P.		16" S.P.		17" S.P.		18" S.P.	
		RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP
6818	2000	443	5.75	504	8.04	557	10.75	608	13.11	650	14.34	693	18.97	737	21.22	773	23.05	809	25.11	843	28.68	875	30.45	907	34.39	940	38.00	966	43.43	995	44.88	1015	51.33
7500	2200	449	6.38	510	8.74	564	11.66	612	13.82	653	15.12	697	20.21	741	22.30	777	24.65	814	26.86	846	30.04	879	32.22	911	36.20	944	40.03	969	44.53	998	45.98	1020	52.43
8182	2400	457	7.12	518	9.67	570	12.56	617	14.66	659	16.37	702	21.45	745	23.53	781	25.22	817	28.09	850	31.68	883	34.02	915	38.02	949	42.41	972	45.80	1001	47.25	1025	53.70
8863	2600	465	7.87	525	10.45	577	13.47	623	15.35	665	17.95	709	22.69	749	24.63	787	27.00	821	29.58	855	33.87	888	36.07	919	39.84	953	44.79	975	47.44	1003	48.40	1030	54.85
9545	2800	475	8.85	533	11.46	585	14.55	629	16.91	671	19.29	715	23.92	755	26.18	791	28.37	825	31.08	860	35.77	892	37.87	922	41.35	958	47.17	979	49.33	1007	50.28	1035	56.83
10227	3000	483	9.75	541	12.54	592	15.57	636	18.10	678	20.76	721	24.91	760	27.42	796	29.74	830	32.83	865	37.67	895	39.34	926	43.17	962	49.20	983	50.93	1011	52.94	1040	59.47
10909	3200	492	10.68	551	13.82	601	16.76	643	19.36	685	22.21	727	26.15	766	29.02	803	31.81	835	34.82	871	40.01	901	41.72	931	45.39	967	51.58	987	53.18	1015	55.21	1045	62.13
11591	3400	503	11.81	558	14.81	607	17.80	649	20.48	692	23.63	735	27.60	773	30.80	807	33.09	842	37.31	873	41.03	906	44.07	937	48.01	971	53.96	992	55.41	1021	58.24	1050	65.16
12272	3600	513	12.85	567	16.09	611	18.59	657	21.91	699	25.43	741	29.13	778	32.20	813	35.34	849	39.79	880	43.56	913	47.02	941	50.15	975	55.99	996	57.33	1026	61.27	1055	68.84
12954	3800	523	13.91	576	17.28	623	20.44	667	23.57	708	27.34	747	30.84	785	34.17	820	37.54	855	42.02	887	46.09	919	49.72	946	52.25	980	58.37	1002	60.23	1031	64.29	1061	71.58
13636	4000	535	15.31	585	18.56	630	21.76	675	25.28	716	29.09	754	32.55	795	36.63	827	39.73	861	44.51	892	48.36	925	52.68	952	54.97	985	60.75	1008	63.17	1038	68.08	1067	74.98
14318	4200	543	16.41	594	19.72	639	23.36	682	26.86	723	30.54	761	34.43	799	37.89	833	41.74	868	46.99	901	51.41	931	55.04	958	57.61	989	62.78	1015	66.44	1045	71.86	1073	78.18
15000	4400	554	17.88	605	21.35	649	24.94	689	28.42	730	32.14	769	36.31	807	40.20	839	43.73	873	48.98	906	53.42	937	57.85	964	60.42	993	65.16	1022	70.03	1051	75.26	1078	81.03
15681	4600	565	19.36	614	22.95	658	26.54	699	30.48	738	34.08	775	37.85	813	42.34	848	46.80	881	51.73	911	55.41	943	60.01	970	63.15	998	67.54	1027	72.32	1057	78.50	1085	84.26
16363	4800	575	20.74	624	24.68	667	28.01	707	32.14	746	36.16	785	40.40	821	44.70	855	49.24	888	54.46	919	58.48	949	62.72	978	66.78	1006	70.91	1034	75.91	1063	82.46	1091	87.82
17045	5000	589	22.75	635	26.51	677	30.28	717	34.43	756	38.75	794	42.80	829	47.28	863	51.88	895	57.20	927	61.53	956	65.42	984	69.51	1015	75.37	1041	79.50	1071	86.42	1098	91.39
17727	5200	602	24.52	645	28.33	687	32.27	727	36.43	765	41.00	802	44.97	837	49.85	873	55.13	905	60.68	935	64.62	963	68.40	993	73.44	1023	79.07	1049	83.41	1077	89.88	1105	94.96
18409	5400	613	26.30	656	30.17	697	34.52	736	38.52	773	43.25	809	47.02	844	52.18	880	57.74	913	63.91	943	67.58	971	71.65	1000	76.77	1031	83.09	1056	87.02	1085	93.69	1111	98.53
19090	5600	625	28.16	669	32.57	708	36.79	747	41.37	784	46.02	819	50.09	853	55.19	889	60.83	920	66.39	950	70.57	979	74.89	1007	79.84	1039	86.81	1063	88.13	1091	97.15	1119	102.44
19772	5800	639	30.23	680	34.86	719	39.06	757	43.71	793	48.26	827	52.77	862	57.98	896	63.45	929	69.64	959	74.07	987	78.14	1015	83.57	1048	90.83	1071	94.38	1099	100.95	1125	106.01
20454	6000	649	31.90	691	37.11	730	41.46	767	46.39	804	51.36	837	55.84	871	61.09	904	66.31	936	71.35	965	76.77	995	81.38	1023	87.52	1056	94.53	1079	98.25	1106	104.76	1132	109.58
21136	6200	662	33.87	703	39.71	741	44.12	779	49.24	814	54.30	848	59.13	880	64.10	913	69.40	945	74.81	975	80.56	1003	84.84	1031	90.90	1063	97.95	1086	102.10	1114	108.91	1139	113.91
21818	6400	675	36.51	715	42.28	755	47.53	792	52.60	825	57.66	859	62.41	890	67.58	921	72.49	953	78.27	984	84.34	1013	89.23	1039	94.90	1068	100.17	1094	106.31	1121	112.72	1147	118.30
22499	6600	688	39.27	727	45.00	768	50.61	804	55.75	837	61.01	870	66.05	900	71.04	931	75.82	961	81.47	991	87.11	1021	92.99	1047	98.57	1075	103.70	1102	110.53	1129	116.87	1152	122.71
23181	6800	701	42.19	743	48.27	780	53.53	816	59.15	849	64.73	883	70.44	911	74.98	940	79.43	971	85.45	1000	90.29	1029	97.06	1055	102.27	1083	108.24	1109	114.40	1135	119.72	1161	127.10
23863	7000	717	45.54	755	50.99	793	56.77	829	62.74	861	68.27	892	73.68	923	78.91	948	82.61	981	89.17	1010	95.05	1038	101.15	1064	106.25	1091	112.09	1119	119.33	1144	125.17	1169	131.51