

LEHIGH**LEHIGH MULTIBLADE FANS—TYPE "M"**

FOR USE IN HEATING AND VENTILATING

RECOMMENDED OPERATING CONDITIONS, 70° F., 29.92" BAR.

Fan No.	Dia. Wheel, In.	Area Outlet, Sq. Ft.	1/4" STATIC PR.			3/8" STATIC PR.			1/2" STATIC PR.			5/8" STATIC PR.			3/4" STATIC PR.		
			Total Pres., .356"	Outlet Vel., 1300 ft.	Per. Speed, 1610 ft.	Total Pres., .507"	Outlet Vel., 1400 ft.	Per. Speed, 1955 ft.	Total Pres., .641"	Outlet Vel., 1500 ft.	Per. Speed, 2145 ft.	Total Pres., .785"	Outlet Vel., 1600 ft.	Per. Speed, 2371 ft.	Total Pres., .93"	Outlet Vel., 1700 ft.	Per. Speed, 2578 ft.
			C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.
2 1/2	15	1.24	1,610	409	.18	1,735	497	.25	1,860	546	.34	1,980	603	.44	2,110	656	.54
3	18	1.78	2,320	341	.28	2,500	415	.36	2,680	455	.48	2,850	503	.62	3,030	547	.78
3 1/2	21	2.43	3,160	292	.34	3,400	355	.48	3,650	390	.65	3,890	431	.84	4,130	469	1.1
4	24	3.17	4,120	256	.44	4,500	311	.63	4,750	341	.84	5,075	377	1.1	5,400	410	1.4
4 1/2	27	4.02	5,150	227	.55	5,620	276	.79	6,020	303	1.06	6,430	335	1.37	6,830	364	1.7
5	30	4.96	6,450	209	.68	6,950	249	.97	7,450	273	1.3	7,930	303	1.7	8,430	328	2.1
5 1/2	33	6.0	7,800	186	.81	8,400	226	1.16	9,000	248	1.56	9,600	274	2.1	10,200	298	2.6
6	36	7.25	9,280	171	.96	10,000	207	1.37	10,700	227	1.85	11,400	252	2.4	12,150	273	3.0
7	42	9.72	12,600	146	1.3	13,600	178	1.85	14,600	195	2.5	15,500	216	3.25	16,500	234	4.0
8	48	12.7	16,500	128	1.7	17,750	156	2.4	19,000	170	3.2	20,300	188	4.2	21,500	205	5.3
9	54	16.1	20,850	114	2.1	22,500	138	3.0	24,100	151	4.0	25,700	168	5.2	27,100	182	6.5
10	60	19.8	25,750	103	2.6	27,800	124	3.7	29,700	137	5.0	31,700	151	6.4	33,700	164	8.0
11	66	24.0	31,200	93	3.1	33,600	113	4.5	36,000	124	6.0	38,400	137	7.8	40,800	149	9.7
12	72	28.6	37,100	86	3.6	40,000	104	5.2	42,800	114	7.0	45,700	126	9.1	48,500	137	11.3
13	78	33.5	43,800	79	4.2	47,000	96	6.1	50,250	105	8.1	53,700	116	10.6	57,000	126	13.2
14	84	38.9	50,600	73	4.8	54,400	89	7.0	58,300	98	9.4	62,300	108	12.2	66,200	117	15.2
15	90	44.6	58,000	68	5.5	62,500	83	7.9	67,000	91	10.6	71,450	101	13.8	76,000	109	17.2
16	96	50.8	66,000	64	6.2	71,200	78	8.9	76,200	86	11.9	81,200	95	15.5	86,400	103	19.3
17	102	57.3	74,500	61	7.0	80,250	73	10.0	86,000	81	13.4	91,700	89	17.5	97,400	97	21.8
18	108	64.3	83,500	57	7.8	90,000	69	11.2	96,500	76	15.1	102,800	84	19.6	109,200	91	24.4
20	120	79.3	103,000	52	9.7	111,000	63	13.8	119,000	69	18.6	127,000	76	24.2	135,000	82	30.0

Fan No.	Dia. Wheel, In.	Area Outlet, Sq. Ft.	1" STATIC PR.			1 1/4" STATIC PR.			1 1/2" STATIC PR.			1 3/4" STATIC PR.			2" STATIC PR.		
			Total Pres., 1.202"	Outlet Vel., 1800 ft.	Per. Speed, 2950 ft.	Total Pres., 1.5"	Outlet Vel., 2000 ft.	Per. Speed, 3300 ft.	Total Pres., 1.83"	Outlet Vel., 2300 ft.	Per. Speed, 3625 ft.	Total Pres., 2.14"	Outlet Vel., 2500 ft.	Per. Speed, 3930 ft.	Total Pres., 2.455"	Outlet Vel., 2700 ft.	Per. Speed, 4220 ft.
			C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.	C.F.M.	Rev.	H.P.
2 1/2	15	1.24	2,230	751	.73	2,480	838	1.0	2,850	922	1.5	3,100	1000	1.85	3,350	1073	2.4
3	18	1.78	3,210	625	1.1	3,540	698	1.5	4,100	768	2.1	4,460	832	2.6	4,830	895	3.5
3 1/2	21	2.43	4,370	536	1.4	4,850	600	2.0	5,580	659	2.8	6,070	714	3.5	6,550	768	4.6
4	24	3.17	5,710	469	1.9	6,350	524	2.6	7,300	576	3.6	7,950	624	4.6	8,580	671	6.0
4 1/2	27	4.02	7,240	417	2.3	8,040	466	3.2	9,250	513	4.6	10,000	555	5.8	10,850	597	7.6
5	30	4.96	8,930	375	2.9	9,900	419	4.0	11,400	461	5.6	12,400	500	7.1	13,400	537	9.3
5 1/2	33	6.0	10,800	341	3.4	12,000	381	4.6	13,800	419	6.7	15,000	454	8.5	16,200	488	11.2
6	36	7.25	12,850	313	4.1	14,300	349	5.8	16,450	384	8.0	17,850	416	10.1	19,300	447	13.3
7	42	9.72	17,500	268	5.5	19,400	300	7.6	22,400	330	10.7	24,300	357	13.6	26,200	384	17.8
8	48	12.7	22,900	235	7.1	25,400	262	9.8	29,200	288	13.8	31,700	312	17.6	34,300	336	23.0
9	54	16.1	28,900	208	8.9	32,100	233	12.3	36,900	256	17.3	40,200	278	22.0	43,300	299	28.8
10	60	19.8	35,700	188	10.8	39,700	210	15.0	45,600	231	21.2	49,500	250	26.9	53,500	269	35.3
11	66	24.0	43,150	171	13.0	48,000	191	18.0	55,200	210	25.4	60,000	227	32.3	64,800	244	42.3
12	72	28.6	51,400	157	15.3	57,200	175	21.2	65,700	192	30.0	71,500	208	38.1	77,100	224	50.0
13	78	33.5	60,400	145	17.8	67,000	162	24.7	77,000	178	34.9	83,000	192	44.3	90,500	207	58.0
14	84	38.9	70,000	134	20.5	77,700	150	28.3	89,500	165	40.0	97,200	179	50.8	105,000	192	66.7
15	90	44.6	80,400	125	23.3	89,400	140	32.3	103,000	154	45.5	111,600	167	58.0	120,600	179	76.0
16	96	50.8	91,400	118	26.2	101,500	131	36.3	116,800	145	51.3	127,000	156	65.2	137,000	168	85.5
17	102	57.3	103,000	107	29.4	114,600	124	40.7	132,000	136	57.6	143,000	147	73.3	155,000	158	96.2
18	108	64.3	115,700	104	33.0	128,500	117	45.8	147,600	128	64.7	160,500	139	82.2	173,500	149	108.0
20	120	79.3	143,000	94	40.7	159,000	105	56.5	182,500	116	79.8	198,300	125	101.5	214,000	135	133.0

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