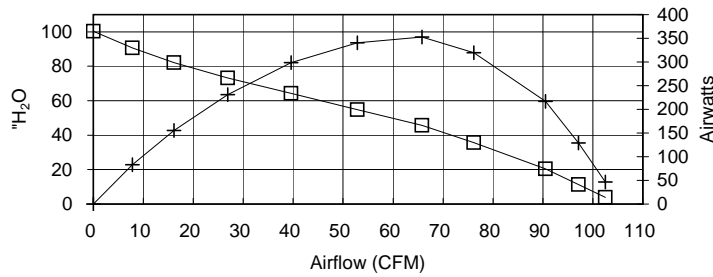


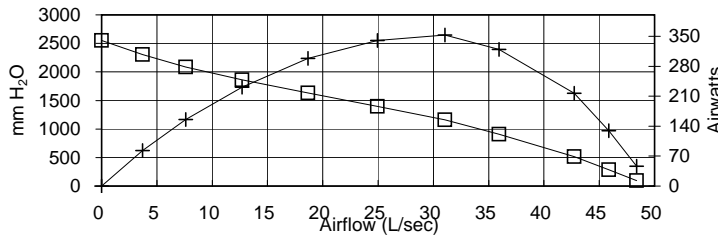
**6500-275  
AIRFLOW  
PERFORMANCE**

**Volts = 240**



ORIFICE (Inches)	SUCTION (In H <sub>2</sub> O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (In H <sub>2</sub> O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	3.68	953	4.0	20,804	3.8	102.5	986	46.29	0.062	4.69
1.5	10.85	950	4.0	20,748	11.3	97.1	983	129.35	0.173	13.16
1.25	19.52	959	4.0	20,663	20.4	90.5	991	216.86	0.291	21.87
1	34.18	970	4.1	20,541	35.7	76.2	1003	319.48	0.428	31.84
0.875	43.70	963	4.0	20,658	45.7	65.8	996	352.88	0.473	35.45
0.75	52.50	941	3.9	21,081	54.9	52.8	973	340.38	0.456	34.97
0.625	61.44	894	3.7	21,885	64.3	39.6	925	298.35	0.400	32.25
0.5	69.99	844	3.5	22,953	73.2	26.9	873	231.26	0.310	26.50
0.375	78.60	782	3.2	24,269	82.2	16.1	808	155.59	0.209	19.25
0.25	86.69	729	3.0	25,625	90.7	7.8	754	83.16	0.111	11.02
0	96.00	688	2.8	26,862	100.4	0.0	712	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **354.00**



Metric Data					CORR. SUCTION (mm H <sub>2</sub> O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H <sub>2</sub> O)	INPUT WATTS	AMPS	RPM'S						
50.8	93	953	4.0	20,804	98	48.4	986	46.3	0.062	4.69
38.1	276	950	4.0	20,748	288	45.9	983	129.4	0.173	13.16
31.8	496	959	4.0	20,663	519	42.7	991	216.9	0.291	21.87
25.4	868	970	4.1	20,541	908	35.9	1003	319.5	0.428	31.84
22.2	1110	963	4.0	20,658	1161	31.1	996	352.9	0.473	35.45
19.1	1334	941	3.9	21,081	1395	24.9	973	340.4	0.456	34.97
15.9	1561	894	3.7	21,885	1632	18.7	925	298.3	0.400	32.25
12.7	1778	844	3.5	22,953	1859	12.7	873	231.3	0.310	26.50
9.5	1996	782	3.2	24,269	2088	7.6	808	155.6	0.209	19.25
6.4	2202	729	3.0	25,625	2303	3.7	754	83.2	0.111	11.02
0.0	2438	688	2.8	26,862	2550	0.0	712	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **354.00**

ORIFICE (mm)	SUCTION (kPa)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (kPa)	AIR FLOW (cu m/h)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	0.917	953	4.0	20,804	0.96	174.15	986	46.3	0.062	4.69
38.1	2.702	950	4.0	20,748	2.83	165.06	983	129.4	0.173	13.16
31.8	4.862	959	4.0	20,663	5.08	153.82	991	216.9	0.291	21.87
25.4	8.513	970	4.1	20,541	8.90	129.42	1003	319.5	0.428	31.84
22.2	10.884	963	4.0	20,658	11.38	111.80	996	352.9	0.473	35.45
19.1	13.076	941	3.9	21,081	13.67	89.77	973	340.4	0.456	34.97
15.9	15.303	894	3.7	21,885	16.00	67.23	925	298.3	0.400	32.25
12.7	17.432	844	3.5	22,953	18.23	45.75	873	231.3	0.310	26.50
9.5	19.577	782	3.2	24,269	20.47	27.41	808	155.6	0.209	19.25
6.4	21.592	729	3.0	25,625	22.58	13.28	754	83.2	0.111	11.02
0.0	23.911	688	2.8	26,862	25.01	0.00	712	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **354.00**

Standard performance data is typical for a motor from a large production quantity. An individual motor's performance will vary due to normal manufacturing variations. Test standards @ 240 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 90.35 in H<sub>2</sub>O, 2295 mm H<sub>2</sub>O or 22.50 kPa, Maximum open watts = 1114 watts.

