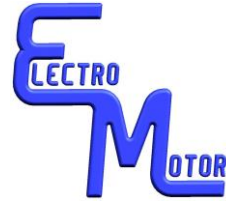
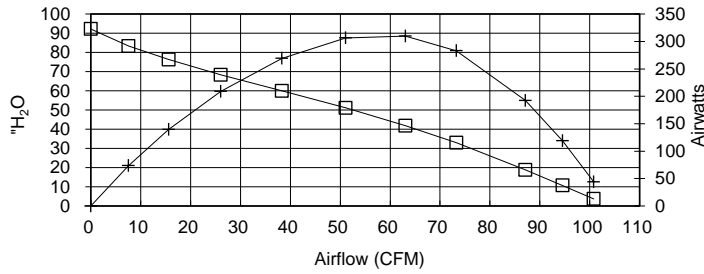


Date Last Modified: 4/22/2013

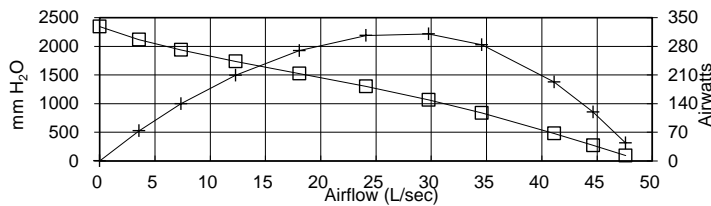
**6600-135  
AIRFLOW  
PERFORMANCE**

Volts = 120



ORIFICE (Inches)	SUCTION (H <sub>2</sub> O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (H <sub>2</sub> O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF. (%)
2	3.54	947	8.3	19,677	3.7	100.8	983	44.02	0.059	4.48
1.5	10.22	956	8.4	19,488	10.7	94.6	992	119.15	0.160	12.01
1.25	17.93	964	8.5	19,332	18.8	87.1	1000	192.57	0.258	19.25
1	31.35	970	8.5	19,194	32.9	73.3	1007	283.24	0.380	28.14
0.875	39.84	961	8.5	19,308	41.9	63.1	997	309.79	0.415	31.06
0.75	48.69	936	8.2	19,524	51.2	51.1	972	306.56	0.411	31.55
0.625	57.06	894	7.8	20,148	60.0	38.3	928	269.29	0.361	29.02
0.5	65.09	842	7.3	21,030	68.4	26.0	874	209.08	0.280	23.93
0.375	72.60	785	6.8	21,906	76.3	15.6	815	139.55	0.187	17.12
0.25	79.34	737	6.4	22,827	83.4	7.5	765	73.75	0.099	9.64
0	87.83	700	6.0	23,652	92.3	0.0	726	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **314.80**



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	90	947	8.3	19,677	94	47.6	983	44.0	0.059	4.48
38.1	259	956	8.4	19,488	273	44.6	992	119.1	0.160	12.01
31.8	455	964	8.5	19,332	478	41.1	1000	192.6	0.258	19.25
25.4	796	970	8.5	19,194	837	34.6	1007	283.2	0.380	28.14
22.2	1012	961	8.5	19,308	1063	29.8	997	309.8	0.415	31.06
19.1	1237	936	8.2	19,524	1300	24.1	972	306.6	0.411	31.55
15.9	1449	894	7.8	20,148	1523	18.1	928	269.3	0.361	29.02
12.7	1653	842	7.3	21,030	1737	12.3	874	209.1	0.280	23.93
9.5	1844	785	6.8	21,906	1938	7.4	815	139.6	0.187	17.12
6.4	2015	737	6.4	22,827	2118	3.6	765	73.7	0.099	9.64
0.0	2231	700	6.0	23,652	2344	0.0	726	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **314.80**

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	0.882	947	8.3	19,677	0.93	171.32	983	44.0	0.059	4.48
38.1	2.544	956	8.4	19,488	2.67	160.71	992	119.1	0.160	12.01
31.8	4.465	964	8.5	19,332	4.69	148.03	1000	192.6	0.258	19.25
25.4	7.809	970	8.5	19,194	8.21	124.49	1007	283.2	0.380	28.14
22.2	9.923	961	8.5	19,308	10.43	107.14	997	309.8	0.415	31.06
19.1	12.128	936	8.2	19,524	12.74	86.75	972	306.6	0.411	31.55
15.9	14.213	894	7.8	20,148	14.93	65.03	928	269.3	0.361	29.02
12.7	16.211	842	7.3	21,030	17.04	44.26	874	209.1	0.280	23.93
9.5	18.083	785	6.8	21,906	19.00	26.48	815	139.6	0.187	17.12
6.4	19.761	737	6.4	22,827	20.77	12.81	765	73.7	0.099	9.64
0.0	21.876	700	6.0	23,652	22.99	0.00	726	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **314.80**

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 @ 120 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 83.06 inH<sub>2</sub>O, 2110 mmH<sub>2</sub>O or 20.69 Pa, Maximum open watts = 1111 watts.