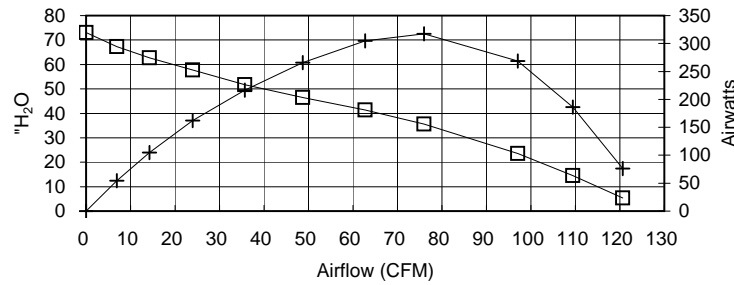


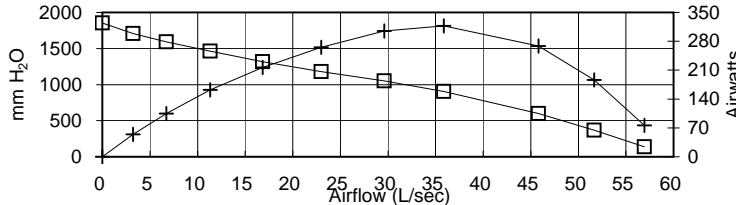
**6600-85
AIRFLOW
PERFORMANCE**

Volts = 120



ORIFICE (Inches)	SUCTION (H ₂ O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (H ₂ O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	5.14	1173	10.2	23,321	5.4	120.7	1215	76.24	0.102	6.29
1.5	13.85	1184	10.3	23,102	14.5	109.4	1226	186.23	0.250	15.21
1.25	22.53	1192	10.4	22,972	23.6	97.1	1234	268.78	0.360	21.81
1	33.95	1172	10.2	23,271	35.6	76.0	1214	317.07	0.425	26.15
0.875	39.54	1141	9.9	23,791	41.4	62.7	1182	304.87	0.409	25.83
0.75	44.36	1115	9.7	24,258	46.5	48.7	1155	265.66	0.356	23.04
0.625	49.43	1057	9.1	25,302	51.8	35.7	1094	216.64	0.290	19.83
0.5	55.08	1021	8.8	26,004	57.7	24.0	1057	162.32	0.218	15.42
0.375	59.88	953	8.2	27,514	62.7	14.2	987	104.89	0.141	10.64
0.25	64.23	930	8.0	28,082	67.3	6.9	963	54.25	0.073	5.65
0	69.76	891	7.7	29,029	73.1	0.0	923	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **318.63**



Metric Data					CORR. SUCTION	AIR FLOW	CORR. INPUT	AIR	H.P.	OVERALL
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S	(mm H ₂ O)	(L/sec)	WATTS	WATTS		EFF.(%)
50.8	131	1173	10.2	23,321	137	56.9	1215	76.2	0.102	6.29
38.1	352	1184	10.3	23,102	368	51.6	1226	186.2	0.250	15.21
31.8	572	1192	10.4	22,972	599	45.8	1234	268.8	0.360	21.81
25.4	862	1172	10.2	23,271	903	35.9	1214	317.1	0.425	26.15
22.2	1004	1141	9.9	23,791	1052	29.6	1182	304.9	0.409	25.83
19.1	1127	1115	9.7	24,258	1180	23.0	1155	265.7	0.356	23.04
15.9	1256	1057	9.1	25,302	1315	16.8	1094	216.6	0.290	19.83
12.7	1399	1021	8.8	26,004	1465	11.3	1057	162.3	0.218	15.42
9.5	1521	953	8.2	27,514	1593	6.7	987	104.9	0.141	10.64
6.4	1631	930	8.0	28,082	1709	3.2	963	54.3	0.073	5.65
0.0	1772	891	7.7	29,029	1856	0.0	923	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **318.63**

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	1.280	1173	10.2	23,321	1.34	205.01	1215	76.2	0.102	6.29
38.1	3.449	1184	10.3	23,102	3.61	185.93	1226	186.2	0.250	15.21
31.8	5.611	1192	10.4	22,972	5.88	164.94	1234	268.8	0.360	21.81
25.4	8.455	1172	10.2	23,271	8.86	129.12	1214	317.1	0.425	26.15
22.2	9.849	1141	9.9	23,791	10.32	106.58	1182	304.9	0.409	25.83
19.1	11.048	1115	9.7	24,258	11.57	82.79	1155	265.7	0.356	23.04
15.9	12.312	1057	9.1	25,302	12.90	60.58	1094	216.6	0.290	19.83
12.7	13.718	1021	8.8	26,004	14.37	40.74	1057	162.3	0.218	15.42
9.5	14.914	953	8.2	27,514	15.62	24.21	987	104.9	0.141	10.64
6.4	15.997	930	8.0	28,082	16.76	11.68	963	54.3	0.073	5.65
0.0	17.375	891	7.7	29,029	18.20	0.00	923	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **318.63**

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 = 65.76 inH₂O, 1670 mmH₂O or 16.38 Pa, Maximum open watts = 1372 watts.