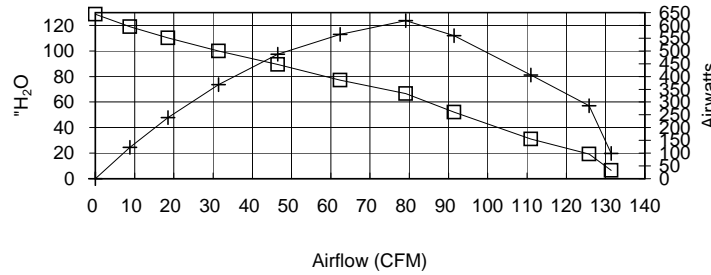


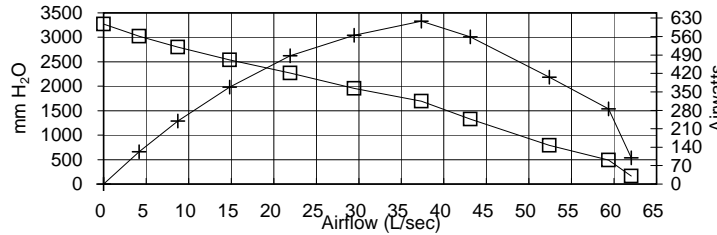
**6600-52
AIRFLOW
PERFORMANCE**

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	6.13	1630	14.0	22,421	6.4	131.4	1690	99.08	0.133	5.86
1.5	18.45	1634	14.0	22,471	19.3	125.8	1694	286.11	0.384	16.88
1.25	29.71	1632	14.0	22,562	31.2	111.0	1691	405.92	0.544	24.00
1	49.75	1609	13.7	22,763	52.2	91.4	1668	559.44	0.750	33.54
0.875	63.52	1574	13.4	23,076	66.6	79.1	1631	618.63	0.829	37.92
0.75	73.54	1514	12.9	23,603	77.1	62.4	1569	564.48	0.757	35.98
0.625	85.20	1429	12.1	24,474	89.4	46.5	1481	487.18	0.653	32.90
0.5	95.29	1335	11.3	25,529	99.9	31.4	1384	367.88	0.493	26.58
0.375	105.13	1245	10.4	26,712	110.3	18.5	1291	239.38	0.321	18.55
0.25	113.34	1170	9.8	27,829	118.9	8.8	1213	122.99	0.165	10.14
0	122.73	1104	9.2	28,654	128.7	0.0	1144	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **604.07**



Metric Data					CORR. SUCTION (mm H ₂ O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S						
50.8	156	1630	14.0	22,421	163	62.0	1690	99.1	0.133	5.86
38.1	469	1634	14.0	22,471	491	59.4	1694	286.1	0.384	16.88
31.8	755	1632	14.0	22,562	791	52.4	1691	405.9	0.544	24.00
25.4	1264	1609	13.7	22,763	1325	43.1	1668	559.4	0.750	33.54
22.2	1613	1574	13.4	23,076	1692	37.3	1631	618.6	0.829	37.92
19.1	1868	1514	12.9	23,603	1959	29.4	1569	564.5	0.757	35.98
15.9	2164	1429	12.1	24,474	2270	21.9	1481	487.2	0.653	32.90
12.7	2420	1335	11.3	25,529	2539	14.8	1384	367.9	0.493	26.58
9.5	2670	1245	10.4	26,712	2800	8.7	1291	239.4	0.321	18.55
6.4	2879	1170	9.8	27,829	3019	4.2	1213	123.0	0.165	10.14
0.0	3117	1104	9.2	28,654	3269	0.0	1144	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **604.07**

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	1.526	1630	14.0	22,421	1.60	223.31	1690	99.1	0.133	5.86
38.1	4.594	1634	14.0	22,471	4.82	213.75	1694	286.1	0.384	16.88
31.8	7.400	1632	14.0	22,562	7.76	188.61	1691	405.9	0.544	24.00
25.4	12.391	1609	13.7	22,763	13.00	155.25	1668	559.4	0.750	33.54
22.2	15.821	1574	13.4	23,076	16.59	134.46	1631	618.6	0.829	37.92
19.1	18.317	1514	12.9	23,603	19.21	105.96	1569	564.5	0.757	35.98
15.9	21.220	1429	12.1	24,474	22.26	78.94	1481	487.2	0.653	32.90
12.7	23.735	1335	11.3	25,529	24.89	53.30	1384	367.9	0.493	26.58
9.5	26.183	1245	10.4	26,712	27.46	31.44	1291	239.4	0.321	18.55
6.4	28.230	1170	9.8	27,829	29.61	14.98	1213	123.0	0.165	10.14
0.0	30.568	1104	9.2	28,654	32.06	0.00	1144	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **604.07**

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 = 115.85 in H₂O, 2942 mm H₂O or 28.85 kPa, Maximum open watts = 1910 watts.