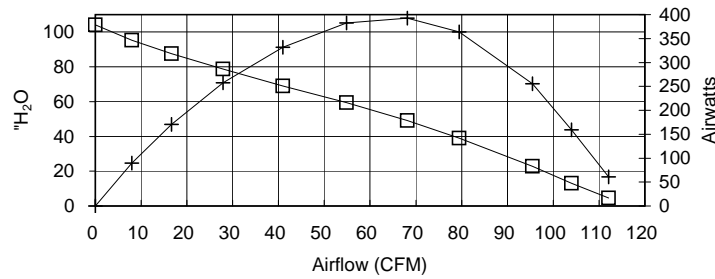


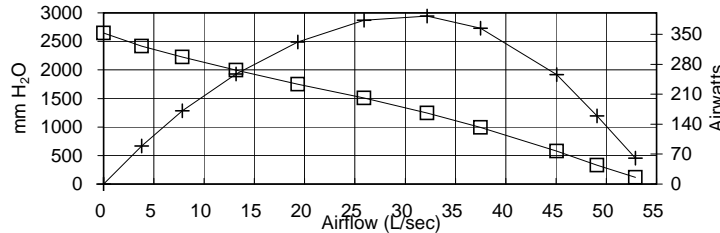
**6600-23
AIRFLOW
PERFORMANCE**

Volts = 120



ORIFICE (Inches)	SUCTION (inches H ₂ O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (inches H ₂ O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	4.42	1233	10.8	21,404	4.6	112.1	1277	60.83	0.082	4.76
1.5	12.47	1240	10.9	21,242	13.1	104.0	1284	159.47	0.214	12.42
1.25	21.78	1251	11.0	21,063	22.8	95.5	1296	255.67	0.343	19.74
1	37.25	1258	11.0	20,889	39.0	79.4	1303	363.83	0.488	27.92
0.875	46.87	1248	10.9	20,941	49.1	68.1	1292	392.65	0.526	30.38
0.75	56.69	1217	10.7	21,284	59.4	54.9	1260	382.53	0.513	30.36
0.625	65.85	1164	10.2	21,930	69.0	41.0	1206	331.61	0.445	27.50
0.5	75.10	1096	9.5	22,876	78.7	27.9	1135	257.52	0.345	22.70
0.375	83.64	1025	8.9	23,924	87.6	16.6	1061	170.87	0.229	16.10
0.25	90.93	968	8.4	24,863	95.3	8.0	1002	89.33	0.120	8.91
0	99.42	921	7.9	25,703	104.2	0.0	954	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **394.67**



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	112	1233	10.8	21,404	117	52.9	1277	60.8	0.082	4.76
38.1	317	1240	10.9	21,242	332	49.1	1284	159.5	0.214	12.42
31.8	553	1251	11.0	21,063	579	45.1	1296	255.7	0.343	19.74
25.4	946	1258	11.0	20,889	991	37.5	1303	363.8	0.488	27.92
22.2	1190	1248	10.9	20,941	1247	32.2	1292	392.7	0.526	30.38
19.1	1440	1217	10.7	21,284	1508	25.9	1260	382.5	0.513	30.36
15.9	1673	1164	10.2	21,930	1752	19.3	1206	331.6	0.445	27.50
12.7	1908	1096	9.5	22,876	1998	13.2	1135	257.5	0.345	22.70
9.5	2124	1025	8.9	23,924	2226	7.8	1061	170.9	0.229	16.10
6.4	2310	968	8.4	24,863	2420	3.8	1002	89.3	0.120	8.91
0.0	2525	921	7.9	25,703	2645	0.0	954	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **394.67**

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	1.100	1233	10.8	21,404	1.15	190.43	1277	60.8	0.082	4.76
38.1	3.106	1240	10.9	21,242	3.25	176.74	1284	159.5	0.214	12.42
31.8	5.424	1251	11.0	21,063	5.68	162.27	1296	255.7	0.343	19.74
25.4	9.278	1258	11.0	20,889	9.72	134.99	1303	363.8	0.488	27.92
22.2	11.673	1248	10.9	20,941	12.23	115.79	1292	392.7	0.526	30.38
19.1	14.119	1217	10.7	21,284	14.79	93.27	1260	382.5	0.513	30.36
15.9	16.402	1164	10.2	21,930	17.18	69.60	1206	331.6	0.445	27.50
12.7	18.705	1096	9.5	22,876	19.60	47.40	1135	257.5	0.345	22.70
9.5	20.832	1025	8.9	23,924	21.82	28.24	1061	170.9	0.229	16.10
6.4	22.648	968	8.4	24,863	23.73	13.58	1002	89.3	0.120	8.91
0.0	24.762	921	7.9	25,703	25.94	0.00	954	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **394.67**

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 = 93.74 in H₂O, 2381 mm H₂O or 23.35 kPa, Maximum open watts = 1443 watts.