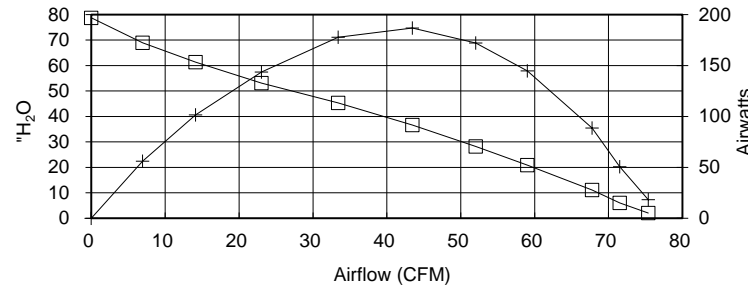


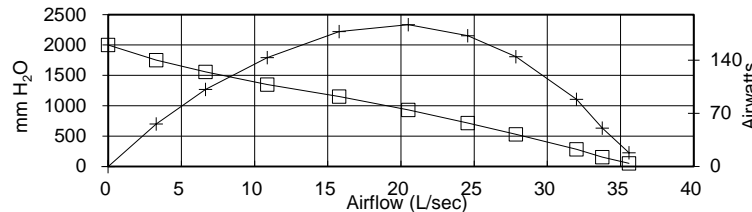
**Q6600-171T-MPL
AIRFLOW
PERFORMANCE**

Volts = 36



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	1.96	607	16.9	14,623	2.0	75.4	629	18.13	0.024	2.88
1.5	5.75	609	16.9	14,525	6.0	71.5	631	50.54	0.068	8.01
1.25	10.62	612	17.0	14,426	11.1	67.8	634	88.54	0.119	13.97
1	19.93	620	17.2	14,254	20.9	59.0	642	144.64	0.194	22.53
0.875	26.90	621	17.2	14,182	28.2	52.0	643	172.17	0.231	26.78
0.75	34.97	615	17.1	14,250	36.6	43.4	637	186.82	0.250	29.33
0.625	43.22	595	16.6	14,526	45.3	33.4	616	177.69	0.238	28.83
0.5	50.68	566	15.7	15,115	53.1	23.0	587	143.52	0.192	24.47
0.375	58.56	533	14.8	15,850	61.4	14.1	552	101.57	0.136	18.41
0.25	65.74	507	14.1	16,746	68.9	6.9	525	56.10	0.075	10.69
0	75.14	482	13.4	17,027	78.7	0.0	499	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **186.90**



<i>Metric Data</i>					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	50	607	16.9	14,623	52	35.6	629	18.1	0.024	2.88
38.1	146	609	16.9	14,525	153	33.8	631	50.5	0.068	8.01
31.8	270	612	17.0	14,426	283	32.0	634	88.5	0.119	13.97
25.4	506	620	17.2	14,254	530	27.9	642	144.6	0.194	22.53
22.2	683	621	17.2	14,182	716	24.6	643	172.2	0.231	26.78
19.1	888	615	17.1	14,250	931	20.5	637	186.8	0.250	29.33
15.9	1098	595	16.6	14,526	1151	15.8	616	177.7	0.238	28.83
12.7	1287	566	15.7	15,115	1349	10.9	587	143.5	0.192	24.47
9.5	1487	533	14.8	15,850	1559	6.7	552	101.6	0.136	18.41
6.4	1670	507	14.1	16,746	1750	3.3	525	56.1	0.075	10.69
0.0	1909	482	13.4	17,027	2000	0.0	499	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **186.90**

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	0.487	607	16.9	14,623	0.51	128.07	629	18.1	0.024	2.88
38.1	1.431	609	16.9	14,525	1.50	121.52	631	50.5	0.068	8.01
31.8	2.645	612	17.0	14,426	2.77	115.18	634	88.5	0.119	13.97
25.4	4.963	620	17.2	14,254	5.20	100.29	642	144.6	0.194	22.53
22.2	6.700	621	17.2	14,182	7.02	88.43	643	172.2	0.231	26.78
19.1	8.709	615	17.1	14,250	9.13	73.82	637	186.8	0.250	29.33
15.9	10.765	595	16.6	14,526	11.28	56.80	616	177.7	0.238	28.83
12.7	12.622	566	15.7	15,115	13.23	39.13	587	143.5	0.192	24.47
9.5	14.585	533	14.8	15,850	15.28	23.97	552	101.6	0.136	18.41
6.4	16.375	507	14.1	16,746	17.16	11.79	525	56.1	0.075	10.69
0.0	18.715	482	13.4	17,027	19.61	0.00	499	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **186.90**

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 @ 36 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 67.50 inH2O, 1800 mmH2O or 17.65 Pa, Maximum open watts = 711 watts.

**Models:
Q6600-170T
Q6600-171T**

