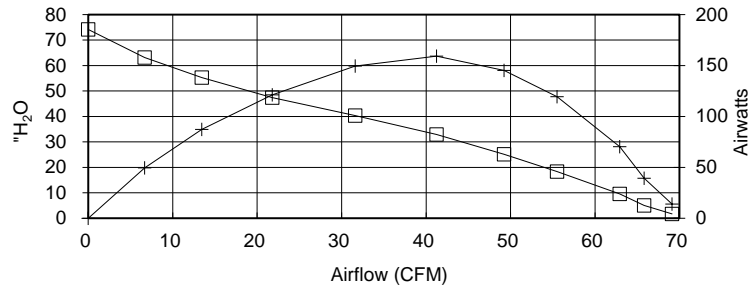


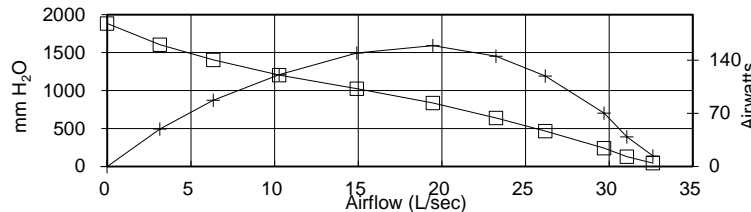
QM6600-153
AIRFLOW
PERFORMANCE

Volts = 24



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	1.65	509	21.3	13,632	1.7	69.1	524	13.92	0.019	2.66
1.5	4.88	512	21.4	13,518	5.1	65.8	527	39.17	0.053	7.43
1.25	9.15	516	21.6	13,437	9.5	62.9	532	70.30	0.094	13.23
1	17.61	520	21.8	13,311	18.3	55.5	536	119.31	0.160	22.27
0.875	24.17	524	21.9	13,242	25.1	49.2	540	145.25	0.195	26.91
0.75	31.62	521	21.8	13,293	32.9	41.2	537	159.20	0.213	29.66
0.625	38.75	508	21.3	13,575	40.3	31.6	523	149.51	0.200	28.57
0.5	45.54	485	20.3	14,199	47.4	21.8	500	121.12	0.162	24.24
0.375	53.15	460	19.3	15,024	55.3	13.4	474	87.26	0.117	18.41
0.25	60.68	435	18.2	15,864	63.1	6.7	448	49.49	0.066	11.04
0	71.28	413	17.3	16,749	74.2	0.0	425	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **158.86**



<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	42	509	21.3	13,632	44	32.6	524	13.9	0.019	2.66
38.1	124	512	21.4	13,518	129	31.1	527	39.2	0.053	7.43
31.8	232	516	21.6	13,437	242	29.7	532	70.3	0.094	13.23
25.4	447	520	21.8	13,311	465	26.2	536	119.3	0.160	22.27
22.2	614	524	21.9	13,242	639	23.2	540	145.2	0.195	26.91
19.1	803	521	21.8	13,293	835	19.5	537	159.2	0.213	29.66
15.9	984	508	21.3	13,575	1024	14.9	523	149.5	0.200	28.57
12.7	1157	485	20.3	14,199	1203	10.3	500	121.1	0.162	24.24
9.5	1350	460	19.3	15,024	1404	6.3	474	87.3	0.117	18.41
6.4	1541	435	18.2	15,864	1603	3.2	448	49.5	0.066	11.04
0.0	1811	413	17.3	16,749	1883	0.0	425	0.0	0.000	0.00

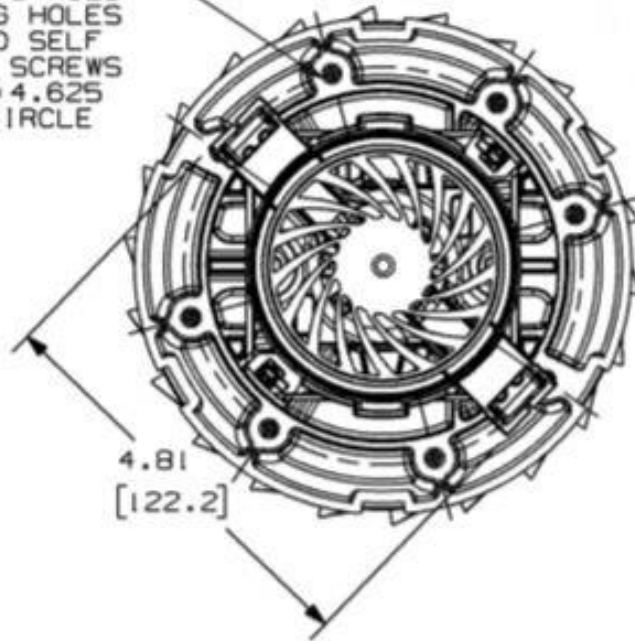
POLYNOMIAL PEAK AIRWATTS: **158.86**

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	0.411	509	21.3	13,632	0.43	117.45	524	13.9	0.019	2.66
38.1	1.214	512	21.4	13,518	1.26	111.85	527	39.2	0.053	7.43
31.8	2.279	516	21.6	13,437	2.37	106.95	532	70.3	0.094	13.23
25.4	4.386	520	21.8	13,311	4.56	94.30	536	119.3	0.160	22.27
22.2	6.019	524	21.9	13,242	6.26	83.66	540	145.2	0.195	26.91
19.1	7.876	521	21.8	13,293	8.19	70.08	537	159.2	0.213	29.66
15.9	9.651	508	21.3	13,575	10.04	53.71	523	149.5	0.200	28.57
12.7	11.343	485	20.3	14,199	11.80	37.02	500	121.1	0.162	24.24
9.5	13.237	460	19.3	15,024	13.77	22.85	474	87.3	0.117	18.41
6.4	15.113	435	18.2	15,864	15.72	11.35	448	49.5	0.066	11.04
0.0	17.755	413	17.3	16,749	18.47	0.00	425	0.0	0.000	0.00

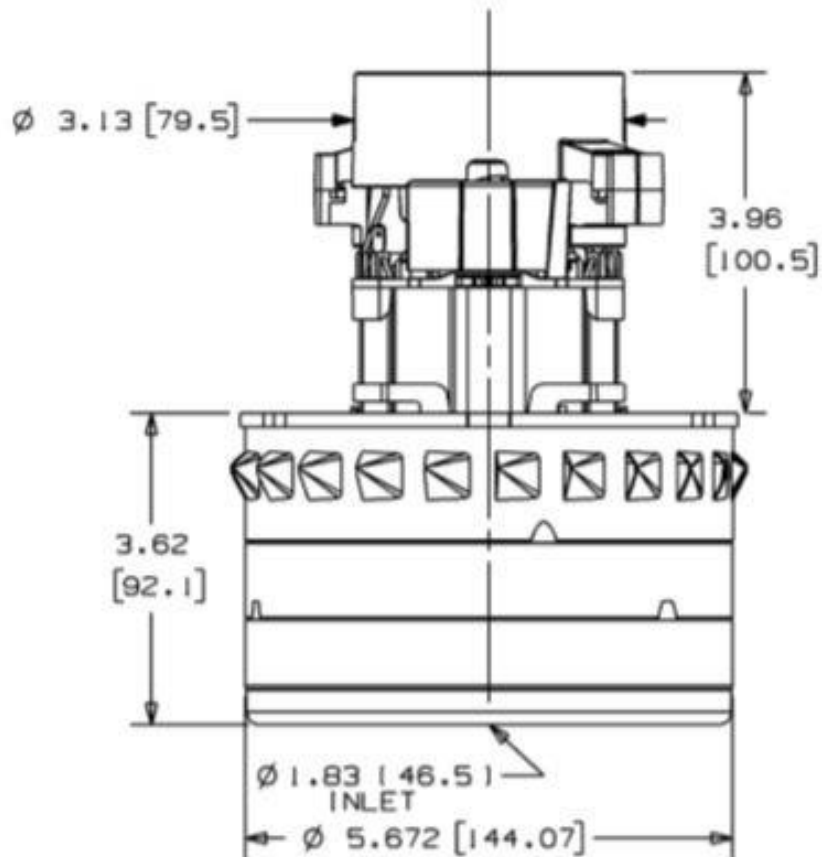
POLYNOMIAL PEAK AIRWATTS: **158.86**

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 @ 24DC volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 64.01 inH2O, 1695 mmH2O or 16.62 Pa, Maximum open watts = 593 watts.

2 SETS OF 4
EQUALLY SPACED
MOUNTING HOLES
FIT #10 SELF
TAPPING SCREWS
ON A \varnothing 4.625
BOLT CIRCLE



Model:
QM6600-153T



Note: Dimensions are for reference only
and subject to change.
Tolerances of up to \pm .040" (1.0mm)
can be expected.