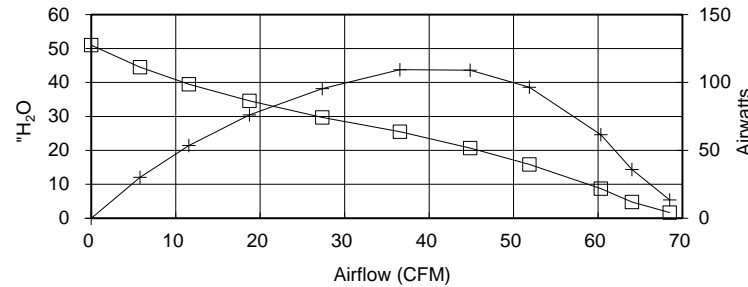


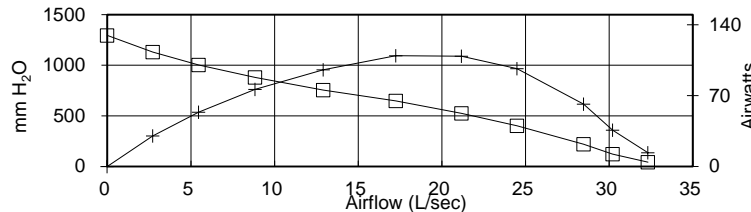
QM6600-154
AIRFLOW
PERFORMANCE

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	1.62	349	14.6	13,443	1.7	68.5	359	13.53	0.018	3.77
1.5	4.61	351	14.7	13,284	4.8	64.0	361	35.96	0.048	9.95
1.25	8.37	354	14.8	13,185	8.7	60.3	364	61.60	0.083	16.90
1	15.26	356	14.9	13,140	15.9	51.9	367	96.57	0.129	26.35
0.875	19.92	355	14.9	13,122	20.7	44.9	366	109.00	0.146	29.82
0.75	24.56	350	14.6	13,338	25.5	36.5	360	109.45	0.147	30.37
0.625	28.61	340	14.2	13,803	29.7	27.4	350	95.48	0.128	27.28
0.5	33.30	327	13.7	14,469	34.6	18.7	337	76.08	0.102	22.60
0.375	37.95	311	13.0	15,234	39.5	11.6	320	53.57	0.072	16.73
0.25	42.81	296	12.4	16,065	44.5	5.8	305	30.13	0.040	9.89
0	49.05	286	12.0	16,674	51.0	0.0	294	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **109.57**



<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	41	349	14.6	13,443	43	32.3	359	13.5	0.018	3.77
38.1	117	351	14.7	13,284	122	30.2	361	36.0	0.048	9.95
31.8	213	354	14.8	13,185	221	28.5	364	61.6	0.083	16.90
25.4	387	356	14.9	13,140	403	24.5	367	96.6	0.129	26.35
22.2	506	355	14.9	13,122	526	21.2	366	109.0	0.146	29.82
19.1	624	350	14.6	13,338	648	17.2	360	109.5	0.147	30.37
15.9	727	340	14.2	13,803	755	12.9	350	95.5	0.128	27.28
12.7	846	327	13.7	14,469	879	8.8	337	76.1	0.102	22.60
9.5	964	311	13.0	15,234	1002	5.5	320	53.6	0.072	16.73
6.4	1087	296	12.4	16,065	1130	2.7	305	30.1	0.040	9.89
0.0	1246	286	12.0	16,674	1295	0.0	294	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **109.57**

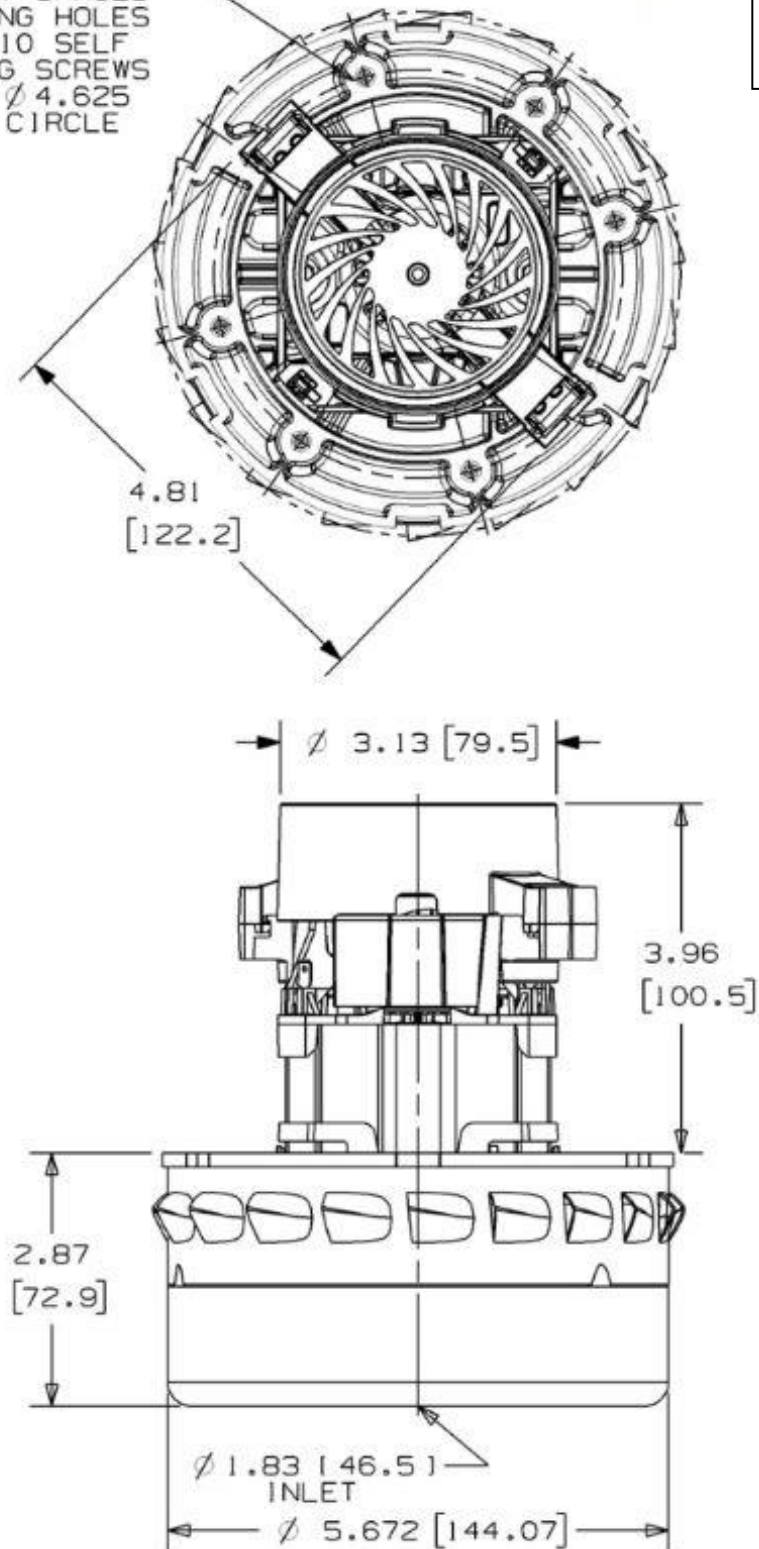
ORIFICE (mm)	SUCTION (kPa)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (kPa)	AIR FLOW (cu m/h)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	0.404	349	14.6	13,443	0.42	116.37	359	13.5	0.018	3.77
38.1	1.147	351	14.7	13,284	1.19	108.78	361	36.0	0.048	9.95
31.8	2.085	354	14.8	13,185	2.17	102.51	364	61.6	0.083	16.90
25.4	3.800	356	14.9	13,140	3.95	88.17	367	96.6	0.129	26.35
22.2	4.962	355	14.9	13,122	5.16	76.22	366	109.0	0.146	29.82
19.1	6.116	350	14.6	13,338	6.36	62.09	360	109.5	0.147	30.37
15.9	7.125	340	14.2	13,803	7.41	46.49	350	95.5	0.128	27.28
12.7	8.294	327	13.7	14,469	8.62	31.82	337	76.1	0.102	22.60
9.5	9.453	311	13.0	15,234	9.83	19.66	320	53.6	0.072	16.73
6.4	10.663	296	12.4	16,065	11.08	9.80	305	30.1	0.040	9.89
0.0	12.217	286	12.0	16,674	12.70	0.00	294	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **109.57**

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 = 45.89 inH2O, 1166 mmH2O or 11.43 Pa, Maximum open watts = 406 watts.

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

Model:
QM6600-154T



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