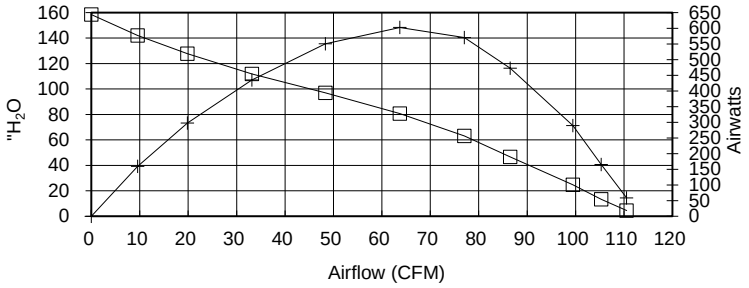
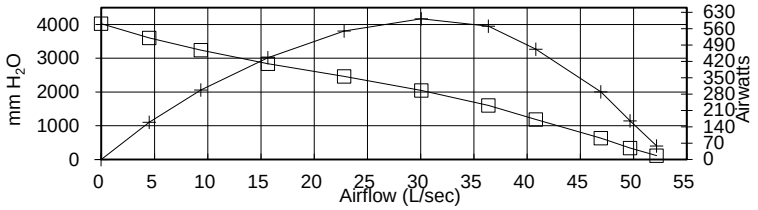
Date Last Modified: 4/8/2011

Q6600-156A
AIRFLOW PERFORMANCE

Volts = 120



ORIFICE (Inches)	SUCTION ("H_2O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION ("H_2O)	AIR FLOW (CFM)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
2	**4.26**	**1672**	**14.5**	**22,026**	4.5	110.5	1742	58.34	0.078	3.35
1.5	**12.69**	**1673**	**14.6**	**21,990**	13.4	105.3	1742	165.50	0.222	9.50
1.25	**23.51**	**1678**	**14.6**	**21,879**	24.8	99.4	1748	289.53	0.388	16.57
1	**44.11**	**1690**	**14.7**	**21,792**	46.6	86.5	1760	472.54	0.633	26.85
0.875	**59.77**	**1694**	**14.8**	**21,735**	63.1	77.0	1765	570.44	0.765	32.32
0.75	**76.33**	**1671**	**14.5**	**21,879**	80.6	63.7	1741	602.40	0.808	34.61
0.625	**91.89**	**1597**	**13.9**	**22,467**	97.0	48.4	1663	550.50	0.738	33.09
0.5	**105.99**	**1487**	**12.9**	**23,484**	111.9	33.2	1549	435.32	0.584	28.10
0.375	**121.01**	**1350**	**11.6**	**24,762**	127.7	19.8	1406	297.32	0.399	21.15
0.25	**134.50**	**1228**	**10.5**	**26,091**	142.0	9.6	1279	159.18	0.213	12.45
0	**150.10**	**1122**	**9.6**	**27,144**	158.4	0.0	1169	0.00	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: **601.26**									



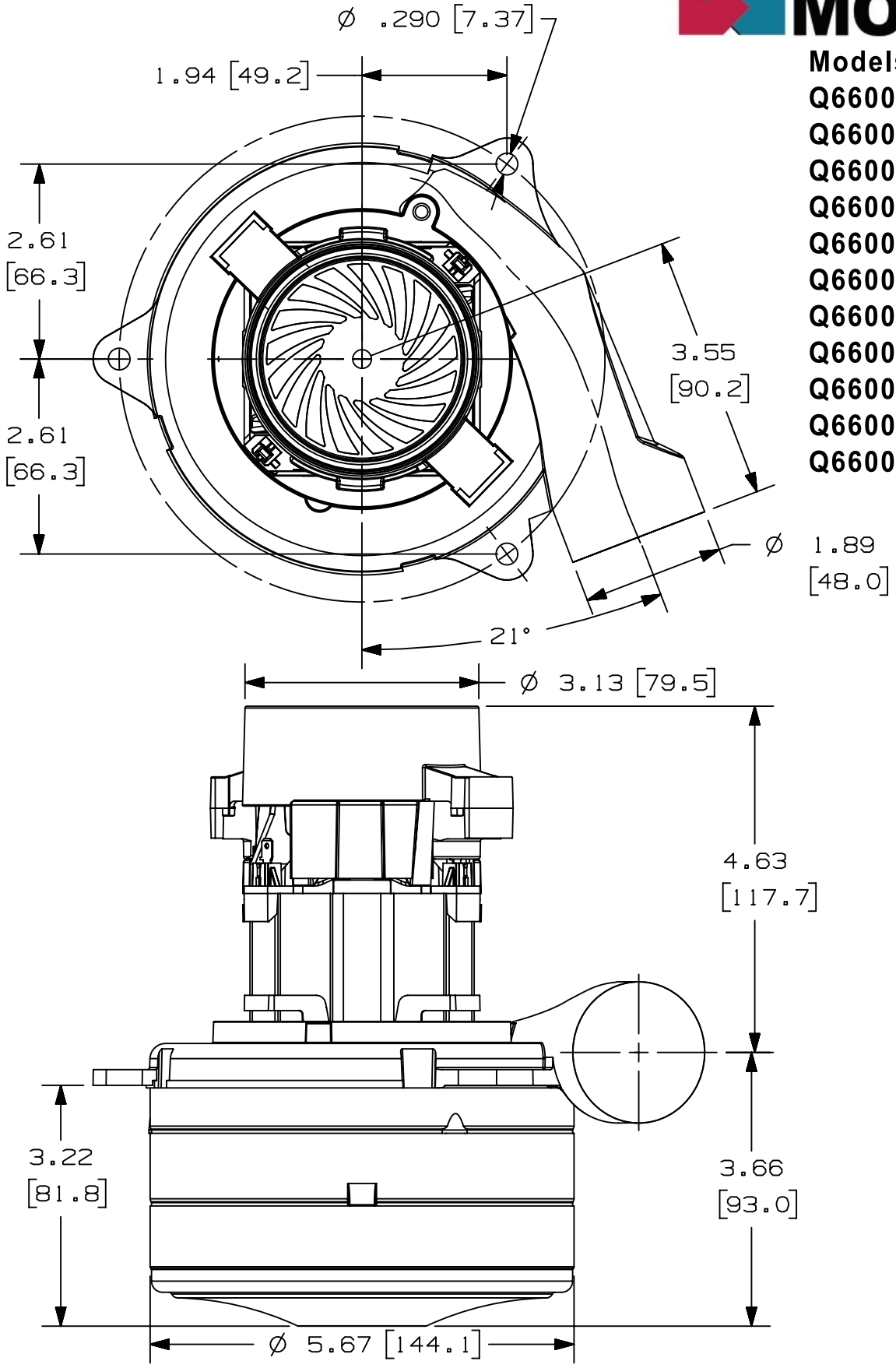
Metric Data										
ORIFICE (mm)	SUCTION (mm H_2O)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (mm H_2O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	**108**	**1672**	**14.5**	22,026	114	52.2	1742	58.3	0.078	3.35
38.1	**322**	**1673**	**14.6**	21,990	340	49.7	1742	165.5	0.222	9.50
31.8	**597**	**1678**	**14.6**	21,879	630	46.9	1748	289.5	0.388	16.57
25.4	**1120**	**1690**	**14.7**	21,792	1183	40.8	1760	472.5	0.633	26.85
22.2	**1518**	**1694**	**14.8**	21,735	1603	36.4	1765	570.4	0.765	32.32
19.1	**1939**	**1671**	**14.5**	21,879	2047	30.1	1741	602.4	0.808	34.61
15.9	**2334**	**1597**	**13.9**	22,467	2464	22.8	1663	550.5	0.738	33.09
12.7	**2692**	**1487**	**12.9**	23,484	2842	15.6	1549	435.3	0.584	28.10
9.5	**3074**	**1350**	**11.6**	24,762	3244	9.4	1406	297.3	0.399	21.15
6.4	**3416**	**1228**	**10.5**	26,091	3606	4.5	1279	159.2	0.213	12.45
0.0	**3812**	**1122**	**9.6**	27,144	4024	0.0	1169	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: **601.26**									

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	**1.061**	**1672**	**14.5**	**22,026**	1.12	187.84	1742	58.3	0.078	3.35
38.1	**3.161**	**1673**	**14.6**	**21,990**	3.34	178.89	1742	165.5	0.222	9.50
31.8	**5.855**	**1678**	**14.6**	**21,879**	6.18	168.96	1748	289.5	0.388	16.57
25.4	**10.986**	**1690**	**14.7**	**21,792**	11.60	146.95	1760	472.5	0.633	26.85
22.2	**14.887**	**1694**	**14.8**	**21,735**	15.71	130.92	1765	570.4	0.765	32.32
19.1	**19.011**	**1671**	**14.5**	**21,879**	20.07	108.26	1741	602.4	0.808	34.61
15.9	**22.887**	**1597**	**13.9**	**22,467**	24.16	82.18	1663	550.5	0.738	33.09
12.7	**26.399**	**1487**	**12.9**	**23,484**	27.87	56.34	1549	435.3	0.584	28.10
9.5	**30.140**	**1350**	**11.6**	**24,762**	31.81	33.70	1406	297.3	0.399	21.15
6.4	**33.499**	**1228**	**10.5**	**26,091**	35.36	16.23	1279	159.2	0.213	12.45
0.0	**37.384**	**1122**	**9.6**	**27,144**	39.46	0.00	1169	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS: **601.26**									

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 = 142.59 inH20, 3622 mmH20 or 35.52 Pa, Maximum open watts = 1968 watts.

ELECTRO MOTOR INC

Models:
Q6600-046A
Q6600-047A
Q6600-082A
Q6600-083A
Q6600-084A
Q6600-156A
Q6600-167A
Q6600-209A
Q6600-211A
Q6600-227A
Q6600-230A



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