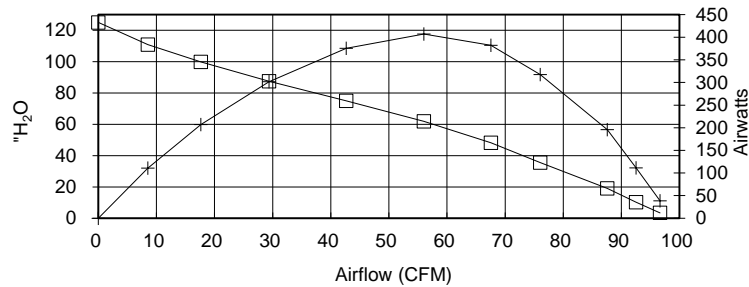


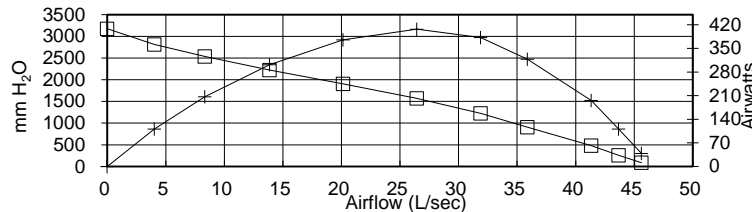
Q6600-166A-MP
AIRFLOW
PERFORMANCE

Volts = 120



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	3.26	1210	10.7	19,091	3.4	96.7	1254	38.70	0.052	3.09
1.5	9.79	1211	10.7	19,031	10.3	92.5	1255	111.42	0.149	8.88
1.25	18.17	1218	10.7	18,924	19.0	87.6	1262	195.69	0.262	15.51
1	33.98	1227	10.8	18,760	35.6	76.0	1271	317.70	0.426	24.99
0.875	46.01	1231	10.9	18,686	48.2	67.5	1276	382.20	0.512	29.96
0.75	59.08	1213	10.7	18,812	61.9	56.0	1257	407.05	0.546	32.39
0.625	71.56	1166	10.2	19,274	75.0	42.7	1208	375.45	0.503	31.08
0.5	83.45	1100	9.6	20,053	87.5	29.4	1139	301.54	0.404	26.47
0.375	95.27	1023	8.9	21,051	99.8	17.7	1060	206.94	0.277	19.52
0.25	105.69	956	8.3	22,051	110.8	8.5	990	111.04	0.149	11.22
0	119.29	893	7.7	23,054	125.0	0.0	926	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **407.00**



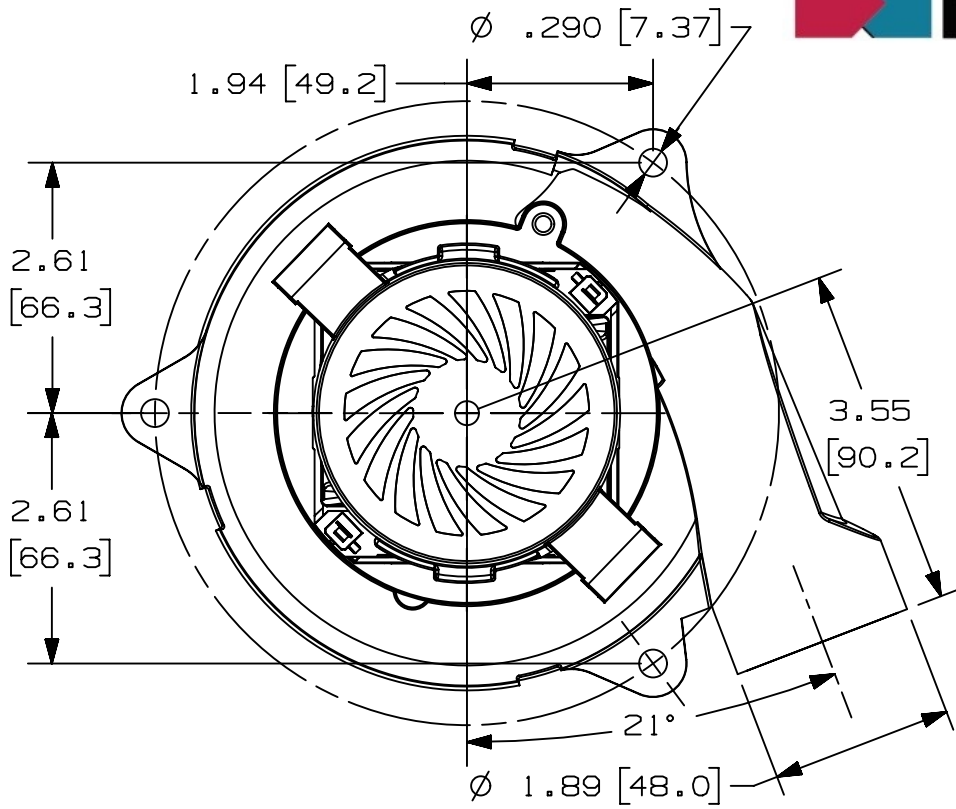
Metric Data					CORR. SUCTION (mm H ₂ O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S						
50.8	83	1210	10.7	19,091	87	45.6	1254	38.7	0.052	3.09
38.1	249	1211	10.7	19,031	261	43.7	1255	111.4	0.149	8.88
31.8	462	1218	10.7	18,924	484	41.3	1262	195.7	0.262	15.51
25.4	863	1227	10.8	18,760	904	35.9	1271	317.7	0.426	24.99
22.2	1169	1231	10.9	18,686	1225	31.9	1276	382.2	0.512	29.96
19.1	1501	1213	10.7	18,812	1573	26.4	1257	407.1	0.546	32.39
15.9	1818	1166	10.2	19,274	1905	20.1	1208	375.5	0.503	31.08
12.7	2120	1100	9.6	20,053	2222	13.9	1139	301.5	0.404	26.47
9.5	2420	1023	8.9	21,051	2536	8.3	1060	206.9	0.277	19.52
6.4	2684	956	8.3	22,051	2813	4.0	990	111.0	0.149	11.22
0.0	3030	893	7.7	23,054	3175	0.0	926	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **407.00**

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	0.811	1210	10.7	19,091	0.85	164.24	1254	38.7	0.052	3.09
38.1	2.439	1211	10.7	19,031	2.56	157.22	1255	111.4	0.149	8.88
31.8	4.526	1218	10.7	18,924	4.74	148.79	1262	195.7	0.262	15.51
25.4	8.463	1227	10.8	18,760	8.87	129.19	1271	317.7	0.426	24.99
22.2	11.459	1231	10.9	18,686	12.01	114.77	1276	382.2	0.512	29.96
19.1	14.716	1213	10.7	18,812	15.42	95.18	1257	407.1	0.546	32.39
15.9	17.824	1166	10.2	19,274	18.68	72.48	1208	375.5	0.503	31.08
12.7	20.786	1100	9.6	20,053	21.78	49.92	1139	301.5	0.404	26.47
9.5	23.729	1023	8.9	21,051	24.87	30.01	1060	206.9	0.277	19.52
6.4	26.323	956	8.3	22,051	27.59	14.52	990	111.0	0.149	11.22
0.0	29.710	893	7.7	23,054	31.14	0.00	926	0.0	0.000	0.00

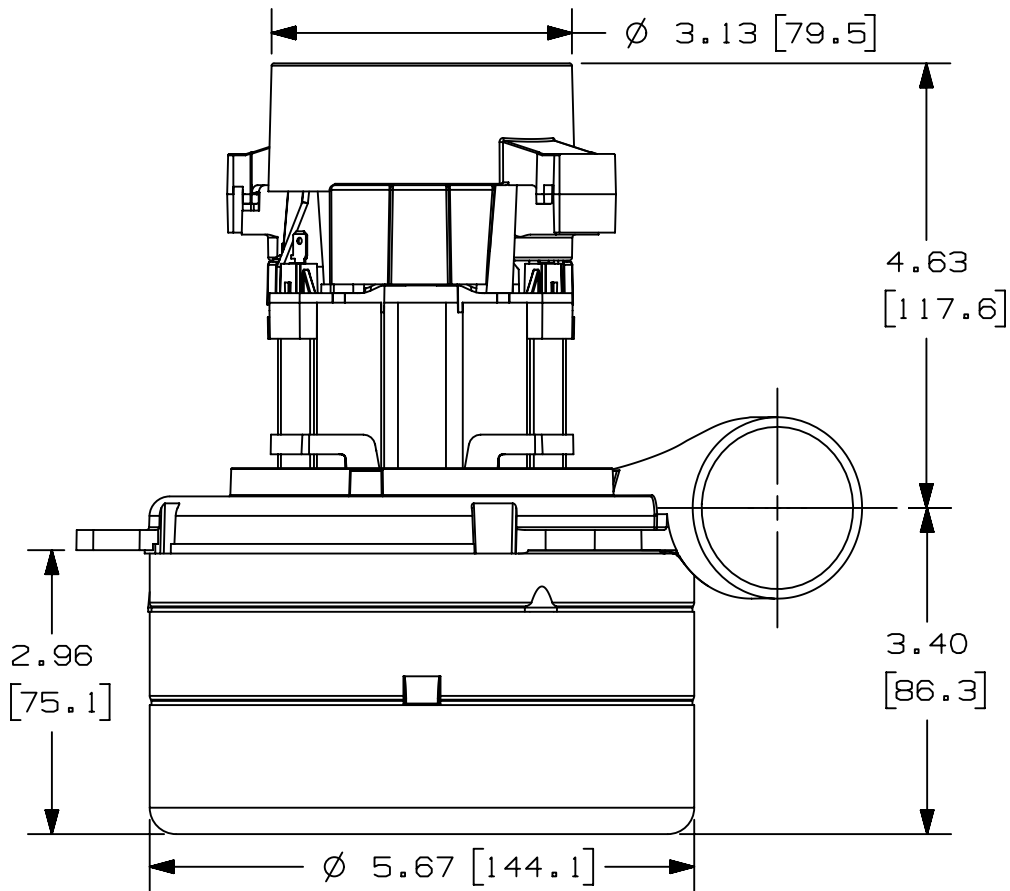
POLYNOMIAL PEAK AIRWATTS: **407.00**

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 = 112.51 inH2O, 2858 mmH2O or 28.02 Pa, Maximum open watts = 1417 watts.



Models:

- Q6600-048
- Q6600-049
- Q6600-054
- Q6600-064
- Q6600-066
- Q6600-090
- Q6600-104
- Q6600-113
- Q6600-116
- Q6600-117
- Q6600-120
- Q6600-165
- Q6600-166
- Q6600-200
- Q6600-228



Note: Dimensions are for reference only and subject to change. Tolerances of up to $\pm .040" [1.0\text{mm}]$ can be expected.