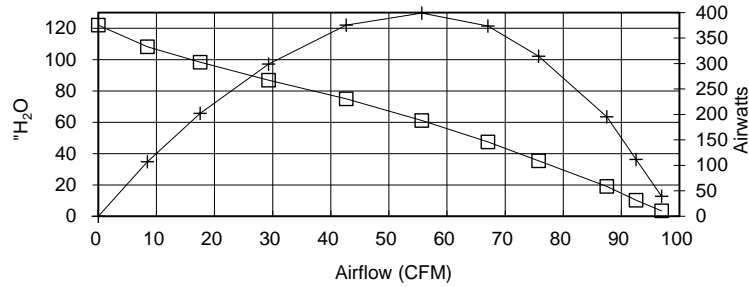


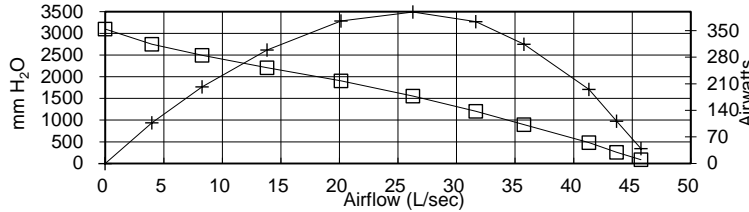
Q6600-117A-MP
AIRFLOW
PERFORMANCE

Volts = 240



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	3.28	1195	5.2	19,013	3.4	96.9	1236	39.02	0.052	3.16
1.5	9.81	1191	5.2	18,885	10.3	92.5	1232	111.42	0.149	9.04
1.25	18.18	1203	5.3	18,803	19.0	87.5	1245	195.26	0.262	15.69
1	33.81	1220	5.4	18,635	35.4	75.8	1262	314.47	0.422	24.92
0.875	45.42	1222	5.4	18,595	47.5	67.1	1264	373.79	0.501	29.58
0.75	58.42	1206	5.3	18,726	61.1	55.7	1248	399.04	0.535	31.98
0.625	71.72	1175	5.2	18,997	75.0	42.7	1216	375.56	0.503	30.91
0.5	83.11	1085	4.7	19,900	86.9	29.3	1122	298.77	0.400	26.63
0.375	93.95	1007	4.4	20,862	98.3	17.5	1041	202.13	0.271	19.41
0.25	103.40	979	4.2	21,549	108.1	8.5	1013	107.27	0.144	10.62
0	116.65	872	3.8	22,921	122.0	0.0	902	0.00	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **400.14**



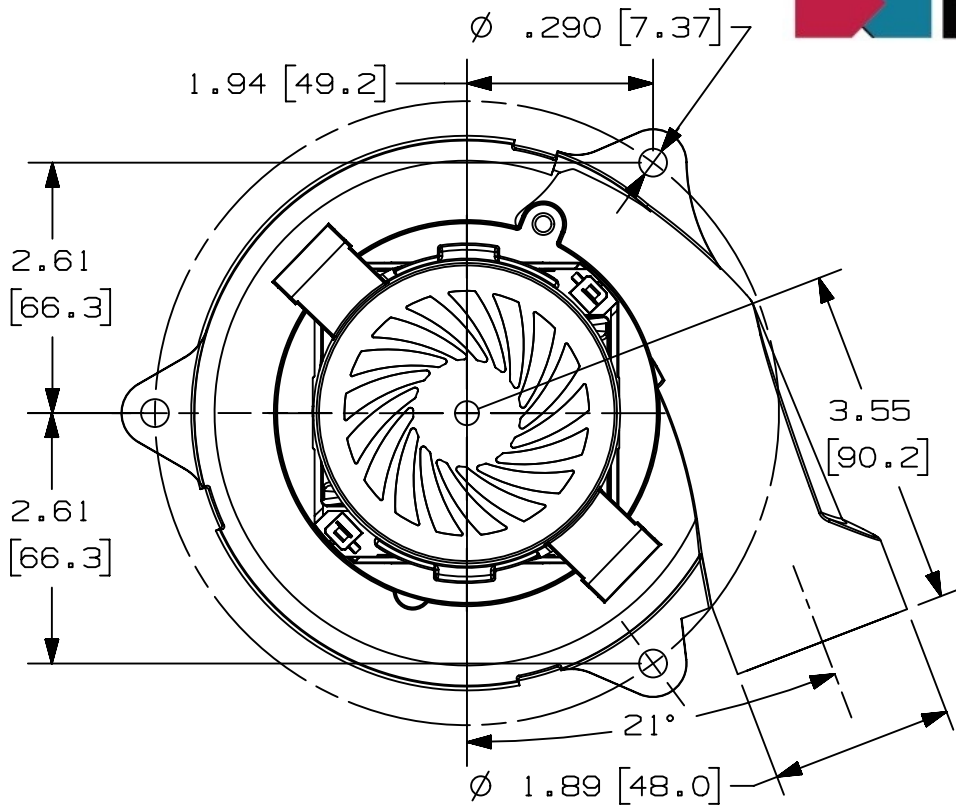
<i>Metric Data</i>					CORR. SUCTION (mm H ₂ O)	AIR FLOW (L/sec)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
ORIFICE (mm)	SUCTION (mm H ₂ O)	INPUT WATTS	AMPS	RPM'S						
50.8	83	1195	5.2	19,013	87	45.7	1236	39.0	0.052	3.16
38.1	249	1191	5.2	18,885	261	43.7	1232	111.4	0.149	9.04
31.8	462	1203	5.3	18,803	483	41.3	1245	195.3	0.262	15.69
25.4	859	1220	5.4	18,635	898	35.8	1262	314.5	0.422	24.92
22.2	1154	1222	5.4	18,595	1207	31.6	1264	373.8	0.501	29.58
19.1	1484	1206	5.3	18,726	1552	26.3	1248	399.0	0.535	31.98
15.9	1822	1175	5.2	18,997	1905	20.1	1216	375.6	0.503	30.91
12.7	2111	1085	4.7	19,900	2208	13.8	1122	298.8	0.400	26.63
9.5	2386	1007	4.4	20,862	2496	8.3	1041	202.1	0.271	19.41
6.4	2626	979	4.2	21,549	2747	4.0	1013	107.3	0.144	10.62
0.0	2963	872	3.8	22,921	3099	0.0	902	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **400.14**

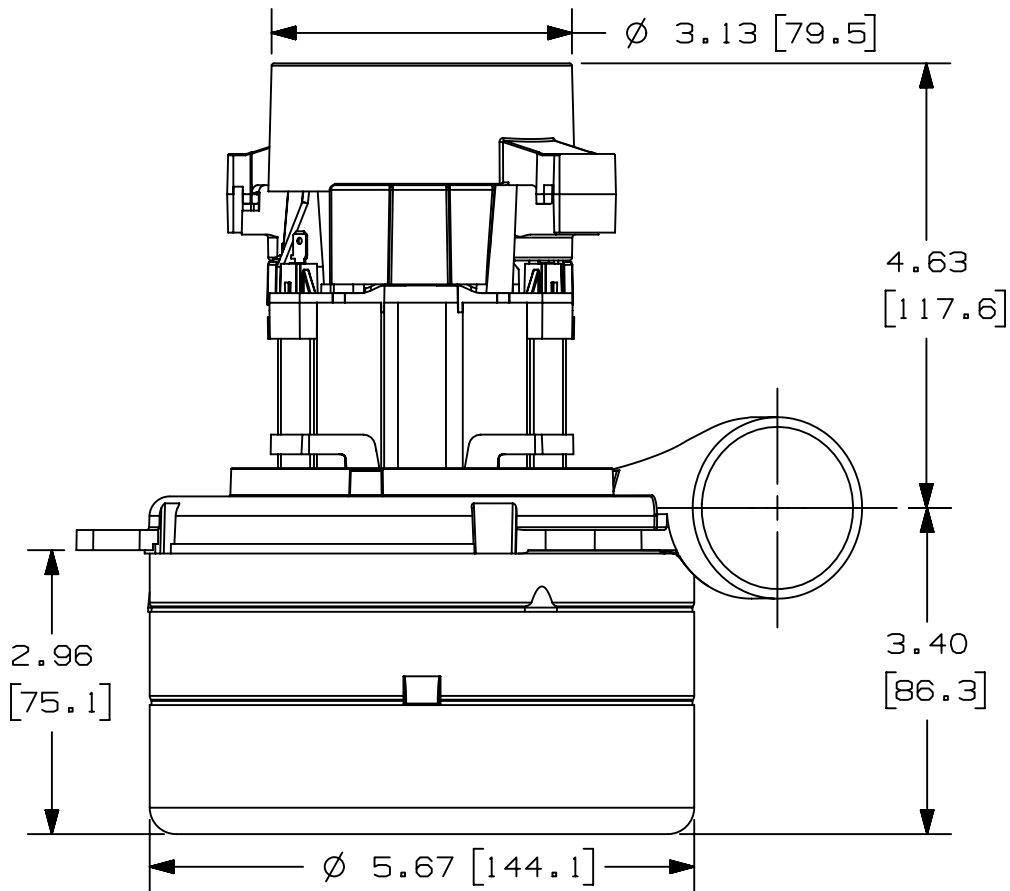
ORIFICE (mm)	SUCTION (kPa)	INPUT WATTS	AMPS	RPM'S	CORR. SUCTION (kPa)	AIR FLOW (cu m/h)	CORR. INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	0.817	1195	5.2	19,013	0.85	164.69	1236	39.0	0.052	3.16
38.1	2.443	1191	5.2	18,885	2.56	157.22	1232	111.4	0.149	9.04
31.8	4.528	1203	5.3	18,803	4.74	148.68	1245	195.3	0.262	15.69
25.4	8.421	1220	5.4	18,635	8.81	128.76	1262	314.5	0.422	24.92
22.2	11.312	1222	5.4	18,595	11.83	113.93	1264	373.8	0.501	29.58
19.1	14.550	1206	5.3	18,726	15.22	94.56	1248	399.0	0.535	31.98
15.9	17.864	1175	5.2	18,997	18.68	72.49	1216	375.6	0.503	30.91
12.7	20.700	1085	4.7	19,900	21.65	49.77	1122	298.8	0.400	26.63
9.5	23.400	1007	4.4	20,862	24.47	29.78	1041	202.1	0.271	19.41
6.4	25.754	979	4.2	21,549	26.94	14.36	1013	107.3	0.144	10.62
0.0	29.053	872	3.8	22,921	30.39	0.00	902	0.0	0.000	0.00

POLYNOMIAL PEAK AIRWATTS: **400.14**

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 @ 240 volts, corrected to standard atmospheric conditions: Minimum sealed vacuum = 109.80 inH2O, 2789 mmH2O or 27.35 Pa, Maximum open watts = 1397 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 ± 0.040 [1.0mm] can be expected.