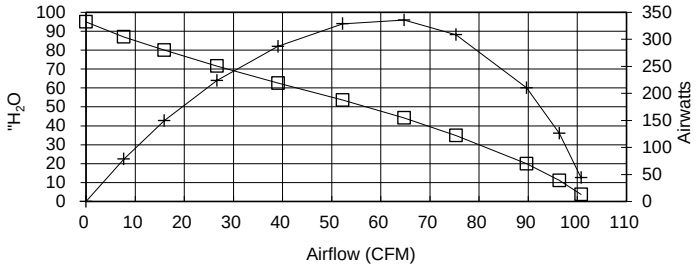
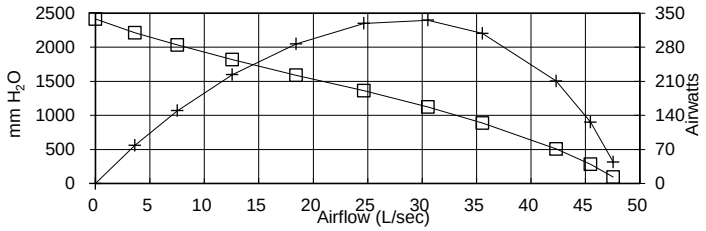
Date Last Modified: 5/25/2005

6600-30T
AIRFLOW
PERFORMANCE

Volts = 240



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	**3.56**	**994**	**4.2**	**20,076**	3.7	100.8	1027	43.96	0.059	4.28
1.5	**10.68**	**1013**	**4.3**	**19,959**	11.2	96.3	1046	126.05	0.169	12.05
1.25	**19.16**	**1019**	**4.3**	**19,815**	20.0	89.7	1052	210.46	0.282	20.00
1	**33.44**	**1015**	**4.2**	**19,643**	34.9	75.3	1049	308.56	0.414	29.42
0.875	**42.32**	**1012**	**4.2**	**19,674**	44.2	64.7	1046	335.61	0.450	32.10
0.75	**51.38**	**992**	**4.1**	**20,003**	53.6	52.2	1024	328.84	0.441	32.11
0.625	**59.94**	**956**	**4.0**	**20,702**	62.6	39.1	988	286.90	0.385	29.04
0.5	**68.61**	**918**	**3.8**	**21,597**	71.6	26.6	948	223.96	0.300	23.63
0.375	**76.64**	**861**	**3.6**	**22,583**	80.0	15.9	889	149.59	0.201	16.82
0.25	**83.37**	**812**	**3.3**	**23,480**	87.0	7.7	839	78.43	0.105	9.35
0	**90.98**	**784**	**3.2**	**24,266**	95.0	0.0	810	0.00	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS:				**339.22**					



Metric Data					CORR.	AIR	CORR.			
ORIFICE (mm)	SUCTION (mm H_2O)	INPUT WATTS	AMPS	RPM'S	SUCTION (mm H_2O)	FLOW (L/sec)	INPUT WATTS	AIR WATTS	H.P.	OVERALL EFF.(%)
50.8	**90**	**994**	**4.2**	20,076	94	47.6	1027	44.0	0.059	4.28
38.1	**271**	**1013**	**4.3**	19,959	283	45.5	1046	126.0	0.169	12.05
31.8	**487**	**1019**	**4.3**	19,815	508	42.3	1052	210.5	0.282	20.00
25.4	**849**	**1015**	**4.2**	19,643	887	35.5	1049	308.6	0.414	29.42
22.2	**1075**	**1012**	**4.2**	19,674	1122	30.5	1046	335.6	0.450	32.10
19.1	**1305**	**992**	**4.1**	20,003	1363	24.7	1024	328.8	0.441	32.11
15.9	**1522**	**956**	**4.0**	20,702	1590	18.4	988	286.9	0.385	29.04
12.7	**1743**	**918**	**3.8**	21,597	1819	12.6	948	224.0	0.300	23.63
9.5	**1947**	**861**	**3.6**	22,583	2032	7.5	889	149.6	0.201	16.82
6.4	**2118**	**812**	**3.3**	23,480	2211	3.6	839	78.4	0.105	9.35
0.0	**2311**	**784**	**3.2**	24,266	2413	0.0	810	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS:				**339.22**					

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	**0.887**	**994**	**4.2**	**20,076**	0.93	171.23	1027	44.0	0.059	4.28
38.1	**2.660**	**1013**	**4.3**	**19,959**	2.78	163.68	1046	126.0	0.169	12.05
31.8	**4.772**	**1019**	**4.3**	**19,815**	4.98	152.34	1052	210.5	0.282	20.00
25.4	**8.329**	**1015**	**4.2**	**19,643**	8.70	127.97	1049	308.6	0.414	29.42
22.2	**10.541**	**1012**	**4.2**	**19,674**	11.00	109.98	1046	335.6	0.450	32.10
19.1	**12.797**	**992**	**4.1**	**20,003**	13.36	88.76	1024	328.8	0.441	32.11
15.9	**14.929**	**956**	**4.0**	**20,702**	15.59	66.38	988	286.9	0.385	29.04
12.7	**17.089**	**918**	**3.8**	**21,597**	17.84	45.27	948	224.0	0.300	23.63
9.5	**19.089**	**861**	**3.6**	**22,583**	19.93	27.07	889	149.6	0.201	16.82
6.4	**20.765**	**812**	**3.3**	**23,480**	21.68	13.05	839	78.4	0.105	9.35
0.0	**22.660**	**784**	**3.2**	**24,266**	23.66	0.00	810	0.0	0.000	0.00
	POLYNOMIAL PEAK AIRWATTS:				**339.22**					

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 = 85.49 in H2O, 2171 mm H2O or 21.29 kPa, Maximum open watts = 1160 watts.