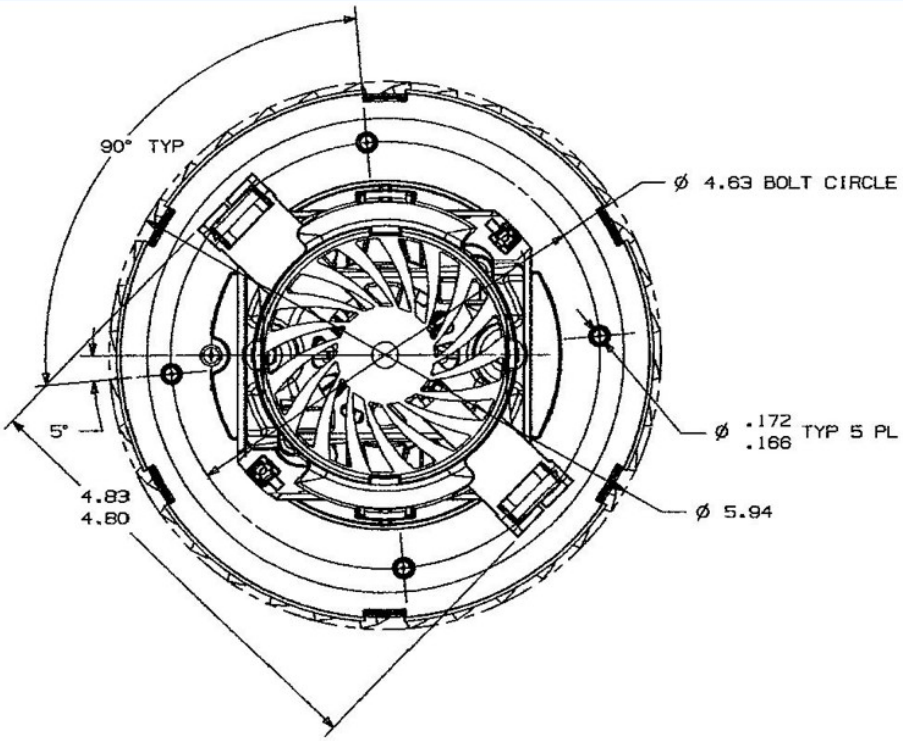
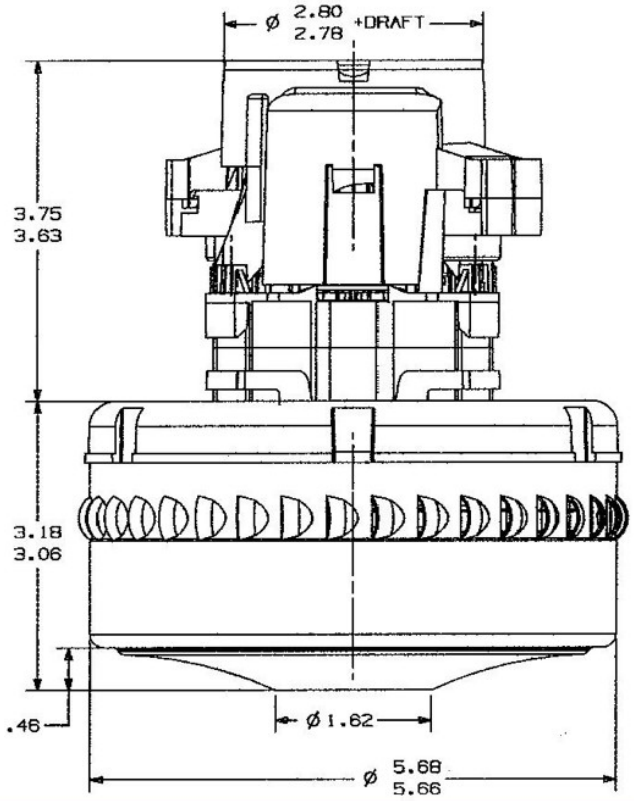
ELECTRO MOTOR

Models:
6600-12
6600-16
6600-17





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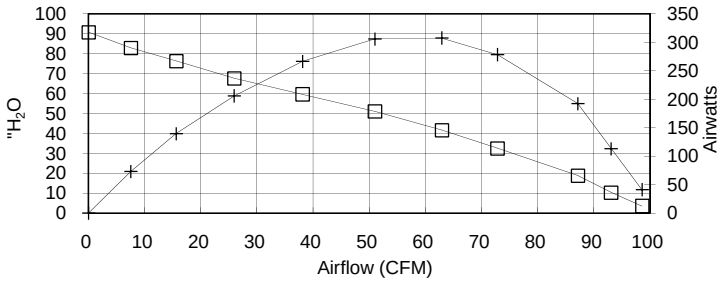
Date Last Modified: 5/25/2005

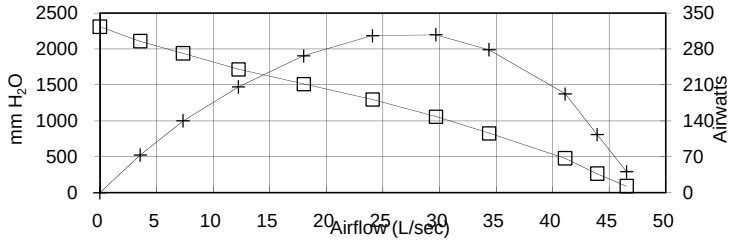
6600-12
AIRFLOW
PERFORMANCE

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	**3,41**	**906**	**7,8**	**18 840**	3,6	98,6	934	41,10	0,055	4,40
1,5	**9,97**	**916**	**7,9**	**18 780**	10,4	93,1	945	113,46	0,152	12,01
1,25	**18,09**	**920**	**7,9**	**18 660**	18,8	87,1	949	192,70	0,258	20,31
1	**31,26**	**928**	**8,0**	**18 540**	32,6	72,9	957	278,42	0,373	29,09
0,875	**40,00**	**922**	**8,0**	**18 300**	41,7	62,9	951	307,63	0,412	32,35
0,75	**49,08**	**900**	**7,8**	**18 900**	51,1	51,0	928	306,23	0,410	32,99
0,625	**57,20**	**864**	**7,4**	**19 500**	59,6	38,2	891	266,80	0,358	29,94
0,5	**64,98**	**818**	**7,0**	**20 280**	67,7	25,9	844	205,89	0,276	24,41
0,375	**73,31**	**770**	**6,5**	**21 360**	76,4	15,6	794	139,75	0,187	17,60
0,25	**79,66**	**722**	**6,1**	**22 200**	83,0	7,5	745	73,24	0,098	9,84
0	**87,24**	**692**	**5,8**	**23 100**	90,9	0,0	714	0,00	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **311,64**



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.(%)
					Metric Data					
50,8	**87**	**906**	**7,8**	18 840	90	46,5	934	41,1	0,055	4,40
38,1	**253**	**916**	**7,9**	18 780	264	43,9	945	113,5	0,152	12,01
31,8	**459**	**920**	**7,9**	18 660	479	41,1	949	192,7	0,258	20,31
25,4	**794**	**928**	**8,0**	18 540	827	34,4	957	278,4	0,373	29,09
22,2	**1016**	**922**	**8,0**	18 300	1058	29,7	951	307,6	0,412	32,35
19,1	**1247**	**900**	**7,8**	18 900	1299	24,1	928	306,2	0,410	32,99
15,9	**1453**	**864**	**7,4**	19 500	1514	18,0	891	266,8	0,358	29,94
12,7	**1650**	**818**	**7,0**	20 280	1719	12,2	844	205,9	0,276	24,41
9,5	**1862**	**770**	**6,5**	21 360	1940	7,4	794	139,7	0,187	17,60
6,4	**2023**	**722**	**6,1**	22 200	2108	3,5	745	73,2	0,098	9,84
0,0	**2216**	**692**	**5,8**	23 100	2309	0,0	714	0,0	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **311,64**

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	**0,849**	**906**	**7,8**	**18 840**	0,88	167,52	934	41,1	0,055	4,40
38,1	**2,483**	**916**	**7,9**	**18 780**	2,59	158,16	945	113,5	0,152	12,01
31,8	**4,506**	**920**	**7,9**	**18 660**	4,69	148,05	949	192,7	0,258	20,31
25,4	**7,786**	**928**	**8,0**	**18 540**	8,11	123,79	957	278,4	0,373	29,09
22,2	**9,963**	**922**	**8,0**	**18 300**	10,38	106,89	951	307,6	0,412	32,35
19,1	**12,224**	**900**	**7,8**	**18 900**	12,74	86,72	928	306,2	0,410	32,99
15,9	**14,247**	**864**	**7,4**	**19 500**	14,84	64,83	891	266,8	0,358	29,94
12,7	**16,184**	**818**	**7,0**	**20 280**	16,86	44,04	844	205,9	0,276	24,41
9,5	**18,259**	**770**	**6,5**	**21 360**	19,02	26,49	794	139,7	0,187	17,60
6,4	**19,841**	**722**	**6,1**	**22 200**	20,67	12,78	745	73,2	0,098	9,84
0,0	**21,729**	**692**	**5,8**	**23 100**	22,64	0,00	714	0,0	0,000	0,00

POLYNOMIAL PEAK AIRWATTS: **311,64**

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 = 0.82 in H2O, 2078 mm H2O or 0.20 kPa, Maximum open watts = 1056 watts.