



VACUUM CLEANER MOTOR PERFORMANCE  
CALCULATED FROM METRIC UNITS TO ASTM

Otoki 21, 4228 Zelezniki, Slovenia

**Code: 492.3.581**

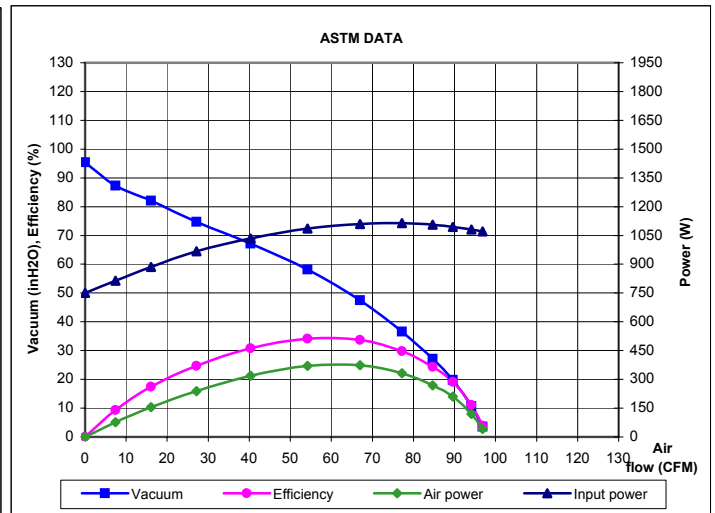
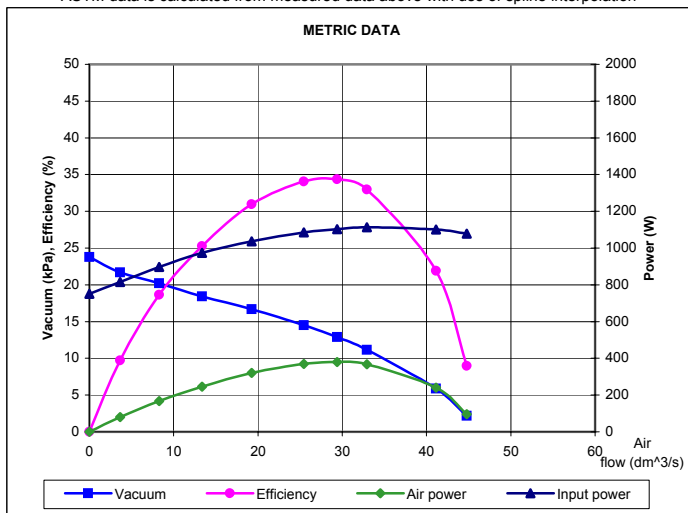
Voltage:		120 V	Frequency :	50/60 Hz
Middle Power:	>=	850 W	Nominal Power:	1000 W
Max. Vacuum:	>=	22 kPa	>=	88,32 in. H2O
Max. Air flow:	>=	45 dm <sup>3</sup> /s	>=	95,35 CFM
Max. Air Power:	>=	350 W		
Max. Efficiency:	>=	32 %		
Mass:	=	2,27 kg		

METRIC	Orifice mm	Current A	Input Pow. W	Speed /min	Vacuum kPa	Air flow dm <sup>3</sup> /s	Air Power W	Efficiency %	Vac (inH <sub>2</sub> O)	Flow (CFM)	ASTM
	40	9,37	1078,21	20878	2,16	44,77	96,65	8,97	8,67	94,86	
	30	9,59	1100,35	20636	5,86	41,14	240,94	21,90	23,53	87,17	
	23	9,68	1112,79	20550	11,14	32,93	366,97	32,98	44,72	69,77	
	21	9,62	1102,93	20598	12,89	29,41	379,12	34,37	51,75	62,32	
	19	9,47	1085,22	20812	14,52	25,46	369,63	34,06	58,29	53,95	
	16	9,01	1037,39	21310	16,66	19,27	321,19	30,96	66,88	40,83	
	13	8,41	974,32	22035	18,43	13,36	246,31	25,28	73,99	28,31	
	10	7,72	898,04	22999	20,21	8,29	167,51	18,65	81,14	17,57	
	6,5	6,98	816,16	24218	21,68	3,66	79,40	9,73	87,04	7,76	
	0	6,39	750,70	25299	23,77	0,00	0,00	0,00	95,43	0,00	

Note: ASTM performance data are calculated from the Metric data above, 1 inH<sub>2</sub>O = 0,2490889 kPa, 1 CFM = 0,4719474 l/s (NIST Special Publication 811,1995)

ASTM	Orifice in	Current A	Input Power W	Speed RPM	Vacuum inH <sub>2</sub> O	Air Flow CFM	Air Power W	Efficiency %	Orifice mm	ASTM
	2,000								50,80	
	1,750	9,3	1071	20992	3,6	96,8	40,9	3,9	44,45	
	1,500	9,4	1081	20829	10,7	94,1	119,7	11,1	38,10	
	1,250	9,5	1095	20674	19,8	89,6	209,4	19,2	31,75	
	1,125	9,6	1106	20608	27,1	84,7	269,4	24,3	28,58	
	1,000	9,7	1114	20561	36,6	77,2	332,0	29,8	25,40	
	0,875	9,7	1110	20555	47,5	67,0	374,0	33,7	22,23	
	0,750	9,5	1086	20805	58,1	54,2	370,1	34,1	19,05	
	0,625	9,0	1035	21335	67,2	40,3	318,4	30,8	15,88	
	0,500	8,3	967	22121	74,7	27,1	238,4	24,7	12,70	
	0,375	7,6	886	23171	82,1	16,0	154,8	17,5	9,53	
**	0,250	7,0	813	24261	87,2	7,4	76,3	9,4	6,35	
	0,000	6,4	751	25299	95,4	0,0	0,0	0,0	0,00	

\*\* ASTM data is calculated from measured data above with use of spline interpolation



Measured in accordance with: IEC 60312

Converted to ASTM by:  
Defined by:

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Datum: 6-apr-2005  
Datum: 12-mar-2003