

Karakteristika sesalne enote po IEC 60312 Vacuum Cleaner Motor Performance in Accordance with IEC 60312

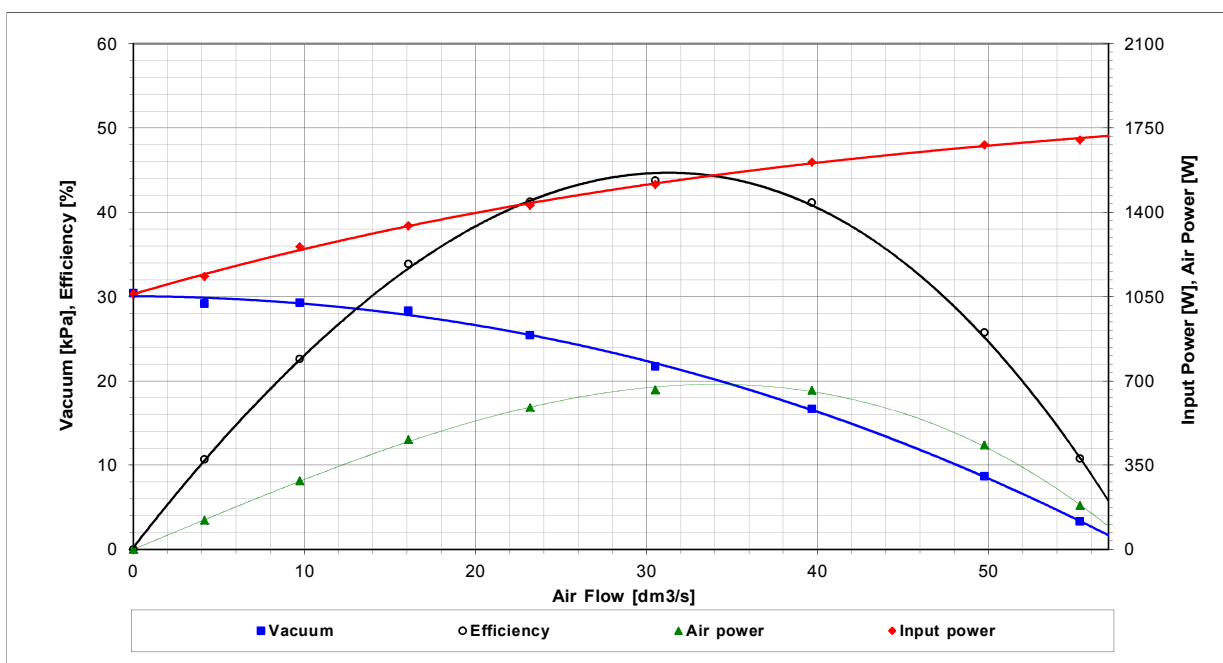
Oznake / Marking	
Napetost / Voltage: 120 [V]	Nazivna moč / Nominal power: 1600 [W]
Frekvenco / Frequency: 60 [Hz]	

Napetost	Premer odprtine	Tok	Vhodna moč	Vrtilna frekvenca	Podtlak	Pretok	Zračna moč	Izkoristek
Voltage	Orifice	Current	Input Power	Speed	Vacuum	Air Flow	Air Power	Efficiency
[V/Hz]	[mm]	[A]	[W]	[1/min]	[kPa]	[dm ³ /s]	[W]	[%]
120/60	50	14,70	1722,13	41027	1,44	57,22	82,49	4,79
120/60	40	14,53	1701,33	41104	3,32	55,32	183,55	10,79
120/60	30	14,33	1680,64	41576	8,71	49,74	433,04	25,77
120/60	23	13,69	1609,16	42759	16,70	39,66	662,35	41,16
120/60	19	12,87	1516,50	44395	21,76	30,51	663,83	43,78
120/60	16	12,10	1429,73	46220	25,43	23,19	589,83	41,26
120/60	13	11,35	1345,53	48484	28,34	16,09	455,96	33,89
120/60	10	10,58	1257,93	51233	29,31	9,71	284,68	22,63
120/60	6,5	9,52	1135,06	54485	29,18	4,16	121,33	10,69
120/60	0	8,88	1061,75	58044	30,45	0,00	0,00	0,00

** Zahteve kupca / Customer Demands; ° Pomerjeno po 20s / Measured after 20 seconds

Mejne vrednosti / Guaranteed values

**	Maksimalna moč / Maximal power:	P_{1max} [W]	=	1700	±	50
	Srednja moč / Mean power:	P_{mmin} [W]	≥	1360		
	Podtlak / Vacuum:	p_{max} [kPa]	=	30,4	±	1,5
	Pretok pri ϕ 50 / Air Flow at ϕ 50:	$Q_{\phi 50}$ [dm ³ /s]	=	57	±	3
**	Zračna moč / Air Power:	P_{2max} [W]	=	660	±	20
	Izkoristek / Efficiency:	η_{max} [%]	=	44	±	2
	Masa / Mass:	m [kg]	=	1,28		



					datum	ime	naziv	
				izdelal			KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE	
				pregledal				
				DOMEL®			koda	list 5
				Otoki 21, 4228 Železniki, Slovenija			KA 463.3.606	stran 1+
ozn.	št. obvestila	datum	ime				pripadnost	namesto

Karakteristika sesalne enote preračunana v imperialne enote in v zaslonke po ASTM Vacuum Cleaner Motor Performance Calculated to Imperial Units & ASTM Orifices

Oznake / Marking

Napetost / Voltage: 120 [V]	Nazivna moč / Nominal power: 1600 [W]
Frekvenca / Frequency: 60 [Hz]	

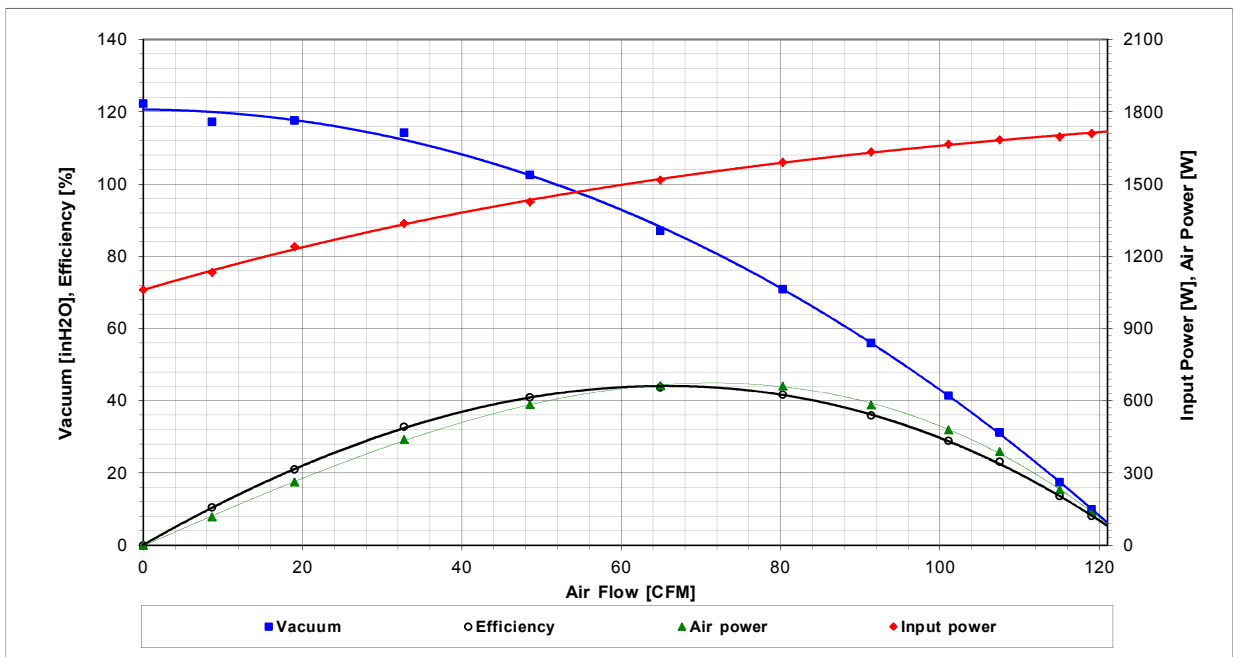
Note for units conversion: 1 inH₂O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 with use of spline interpolation.

Napetost	Premer odprtine	Tok	Vhodna moč	Vrtilna frekvenca	Podtlak	Pretok	Zračna moč	Izkoristek
Voltage	Orifice	Current	Input Power	Speed	Vacuum	Air Flow	Air Power	Efficiency
[V/Hz]	[in]	[A]	[W]	[1/min]	[inH ₂ O]	[CFM]	[W]	[%]
120/60	2,000	14,71	1723,79	41021	5,19	121,55	74,40	4,31
120/60	1,750	14,60	1710,59	41070	9,97	119,01	138,58	8,12
120/60	1,500	14,49	1697,40	41194	17,43	114,98	230,95	13,64
120/60	1,250	14,37	1684,26	41493	31,16	107,47	389,38	23,15
120/60	1,125	14,20	1666,09	41817	41,48	101,05	479,72	28,90
120/60	1,000	13,91	1633,67	42353	56,04	91,36	583,73	35,89
120/60	0,875	13,53	1591,21	43076	70,98	80,28	662,64	41,67
120/60	0,750	12,88	1517,66	44375	87,10	64,89	663,81	43,74
120/60	0,625	12,06	1426,23	46315	102,58	48,52	584,25	40,95
120/60	0,500	11,27	1336,77	48759	114,17	32,74	438,83	32,76
120/60	0,375	10,43	1241,25	51674	117,59	18,98	262,51	21,01
120/60	0,250	9,51	1133,37	54567	117,27	8,61	118,53	10,44
120/60	0,000	8,88	1061,75	58044	122,24	0,00	0,00	0,00

** Zahteve kupca / Customer Demands; ° Pomerjeno po 20s / Measured after 20 seconds

Mejne vrednosti / Guaranteed values

** Maksimalna moč / Maximal power:	P _{1max} [W]	=	1700	±	50
Srednja moč / Mean power:	P _{mmin} [W]	≥	1360		
Podtlak / Vacuum:	p _{max} [inH ₂ O]	=	122,2	±	6,1
Pretok pri φ 1,968 / Air Flow at φ 1,968:	Q _{φ1.968} [CFM]	=	121	±	10
** Zračna moč / Air Power:	P _{2max} [W]	=	660	±	20
Izkoristek / Efficiency:	η _{max} [%]	=	44	±	2
Masa / Mass:	m [kg]	=	1,28		



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			DOMEL [®]		koda	KA 463.3.606
			Otoki 21, 4228 Železniki, Slovenija			list 5
ozn.	št. obvestila	datum	ime		pripadnost	stran 2
						namesto