

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

Oznake / Marking

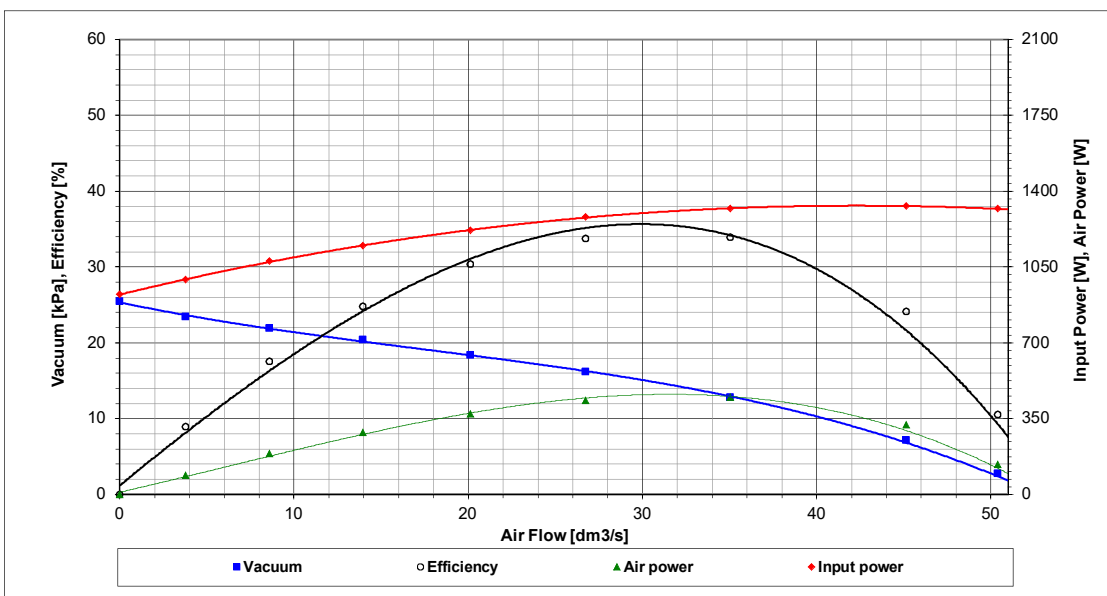
Napetost / Voltage: 230 [V] Nazivna moč / Nominal power: 1200 [W]
 Frekvenca / Frequency: 50 / 60 [Hz]

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]	[%]
230/50	50	5.98	1313.85	21359	1.16	51.17	58.91	4.49
230/50	40	6.02	1319.87	21268	2.75	50.41	138.40	10.49
230/50	30	6.08	1331.89	21122	7.11	45.14	320.71	24.08
230/50	23	6.02	1319.81	21191	12.75	35.06	446.91	33.86
230/50	19	5.83	1280.72	21652	16.15	26.73	431.63	33.70
230/50	16	5.53	1219.45	22329	18.37	20.14	369.85	30.33
230/50	13	5.18	1148.54	23216	20.38	13.97	284.63	24.78
230/50	10	4.83	1076.10	24209	21.92	8.59	188.23	17.49
230/50	6.5	4.43	992.38	25451	23.42	3.79	88.73	8.95
230/50	0	4.11	923.18	26729	25.42	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]	=	1300	±	70
Srednja moč / Mean power:	P_{mmin} [W]	≥	1020		
Podtlak / Vacuum:	p_{max} [kPa]	=	25.4	±	0.9
Pretok pri ϕ 50 / Air Flow at ϕ 50:	$Q_{\phi 50}$ [dm ³ /s]	=	51	±	2
Zračna moč / Air Power:	P_{2max} [W]	=	450	±	30
Izkoristek / Efficiency:	η_{max} [%]	=	34	±	2
Masa / Mass:	m [kg]	=	2.30		



				datum	ime	naziv		
				izdelal	19/11/2008	G. Lahajnar	KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE	
				pregledal	18/10/2010	B. Benedičič		
B0	9534	18/10/2010	G. Lahajnar	DOMEL®			koda	KA 492.3.513
A0	8795	19/11/2008	G. Lahajnar				list 5	
ozn.	št. obvestila	datum	ime	Otoki 21, 4228 Železniki, Slovenija			prilagoditve	namesto
								stran 1+

**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: 230 [V]
 Frekvenca / Frekvency: 50 / 60 [Hz]

Nazivna moč / Nominal power: 1200 [W]

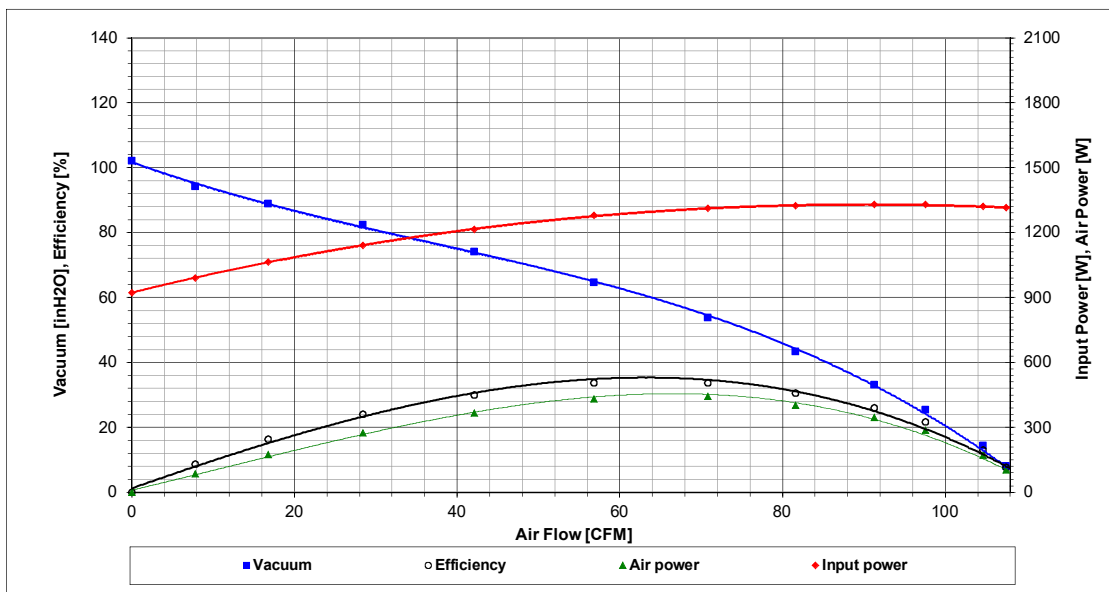
 Note for units conversion: 1 inH₂O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 with use of spline interpolation.

Napetost	Premjer 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]	[%]
230/50	2.000	5.98	1313.37	21366	4.15	108.55	52.55	4.01
230/50	1.750	6.00	1317.19	21308	8.20	107.53	103.03	7.82
230/50	1.500	6.03	1322.15	21240	14.37	104.69	173.04	13.07
230/50	1.250	6.07	1329.79	21148	25.48	97.60	288.81	21.70
230/50	1.125	6.07	1329.43	21136	33.15	91.30	346.40	26.07
230/50	1.000	6.04	1323.95	21167	43.42	81.61	403.64	30.51
230/50	0.875	5.98	1312.24	21280	53.83	70.87	443.95	33.83
230/50	0.750	5.83	1281.21	21646	64.67	56.86	431.82	33.70
230/50	0.625	5.52	1216.50	22366	74.08	42.13	366.30	30.10
230/50	0.500	5.15	1141.30	23315	82.44	28.46	274.99	24.05
230/50	0.375	4.78	1064.74	24378	88.82	16.82	174.73	16.33
230/50	0.250	4.42	990.78	25480	94.21	7.85	86.68	8.74
230/50	0.000	4.11	923.18	26729	102.05	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]	=	1300	±	70
Srednja moč / Mean power:	P_{rmin} [W]	≥	1020		
Podtlak / Vacuum:	P_{max} [inH ₂ O]	=	102.1	±	4.8
Pretok pri ϕ 1,968 / Air Flow at ϕ 1,968:	$Q_{\phi 1.968}$ [CFM]	=	108	±	10
Zračna moč / Air Power:	P_{2max} [W]	=	450	±	20
Izkoristek / Efficiency:	η_{max} [%]	=	34	±	2
Masa / Mass:	m [kg]	=	2.30		



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				izdelal	19/11/2008	G. Lahajnar	KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE	
				pregledal	18/10/2010	B. Benedičič		
B0	9524	20/07/2010	G. Lahajnar	DOMEL®			koda	KA 492.3.513
A0	8913	19/11/2008	G. Lahajnar				list 5	
ozn.	št. obvestila	datum	ime	Otoki 21, 4228 Železniki, Slovenija			pripadnost	namesto
							stran 2	