

Karakteristika sesalne enote po IEC 60312 - 1

Vacuum Cleaner Motor Performance in Accordance with IEC 60312 - 1

Oznake / Marking

Napetost / Voltage: 220 - 240 [V]
 Frekvenca / Frequency: 50 / 60 [Hz]

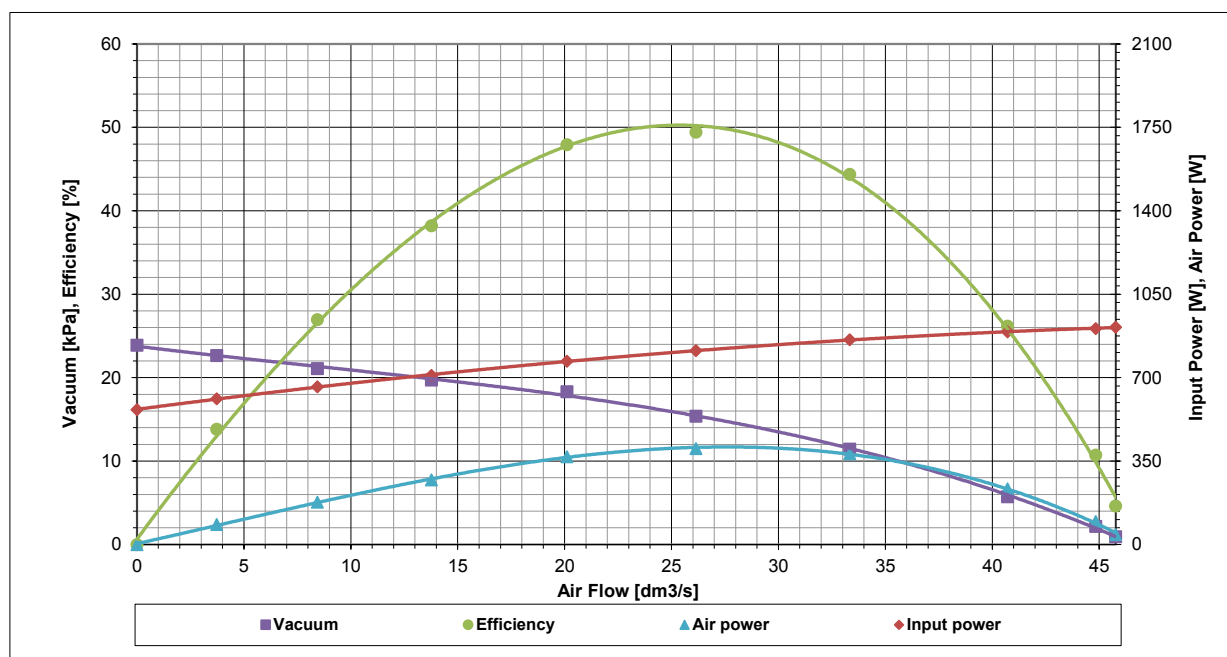
Nazivna moč / Nominal power: 800 [W]

Napetost	Premier 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	3,87	912,01	37032	0,92	45,77	42,10	4,62
230/50	40	3,84	906,19	37117	2,17	44,84	97,07	10,71
230/50	30	3,78	891,77	37454	5,73	40,72	233,55	26,19
230/50	23	3,63	858,60	38440	11,43	33,33	381,02	44,38
230/50	19	3,44	813,82	39770	15,39	26,15	402,30	49,43
230/50	16	3,24	768,94	41463	18,32	20,11	368,54	47,93
230/50	13	2,99	709,86	43946	19,71	13,77	271,28	38,22
230/50	10	2,78	661,37	46415	21,10	8,44	178,21	26,95
230/50	6,5	2,57	611,74	49158	22,65	3,73	84,55	13,82
230/50	0	2,38	566,22	51845	23,88	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]	=	900	±	30
	Srednja moč / Mean power:	P_{mmin} [W]	≥	700		
**	Podtlak / Vacuum:	p_{max} [kPa]	=	23,9	±	1,2
**	Pretok pri ϕ 50 / Air Flow at ϕ 50:	$Q_{\phi 50}$ [dm ³ /s]	=	46	±	2
	Zračna moč / Air Power:	P_{2max} [W]	=	400	±	20
	Izkoristek / Efficiency:	η_{max} [%]	=	49	±	2
	Masa / Mass:	m [kg]	=	1,12		



				Datum / Date	Ime / Name	KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE	
			Izdelal / Designed	22.09.2016	G. Lahajnar		
			Pregledal / Verified	19.04.2017	B. Benedičič		
B2	12932	19.04.2017	G. Lahajnar			KA 463.3.270-64	
A0	12591	22.09.2016	G. Lahajnar				
Ozn. / Mark	Št. Obr. / Notice Nr.	Datum / Date	Ime / Name				
Otoki 21, 4228 Železniki, Slovenija						List / Sheet 5	
						Stran / Page 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: 220 - 240 [V]
Frekvenca / Frequency: 50 / 60 [Hz]

Nazivna moč / Nominal power: 800 [W]

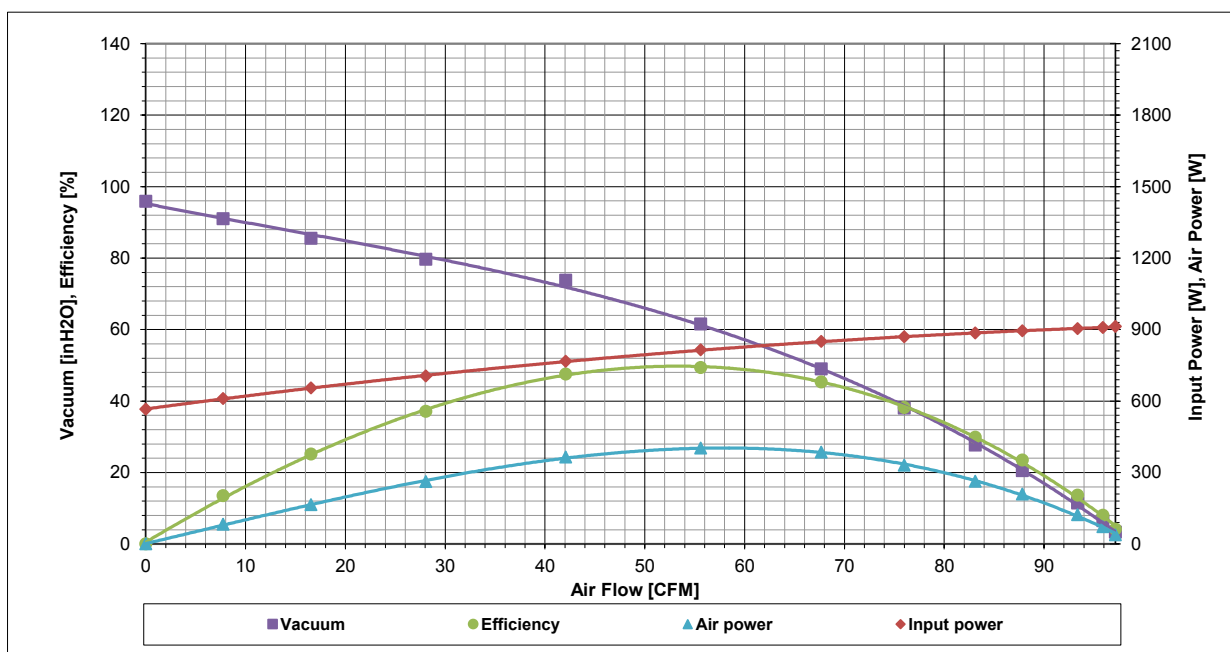
Note for units conversion: 1 inH₂O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 - 1 with use of spline interpolation.

Napetost	Premier 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	3,87	912,48	37025	3,29	97,14	37,71	4,13
230/50	1,750	3,85	908,78	37079	6,47	95,88	72,61	8,00
230/50	1,500	3,83	903,45	37181	11,42	93,35	123,00	13,65
230/50	1,250	3,79	894,29	37395	20,51	87,81	209,67	23,48
230/50	1,125	3,75	885,01	37654	27,67	83,09	263,57	29,89
230/50	1,000	3,68	869,97	38102	38,05	75,99	330,46	38,14
230/50	0,875	3,59	849,92	38698	48,96	67,67	385,14	45,36
230/50	0,750	3,44	814,38	39753	61,57	55,59	402,04	49,37
230/50	0,625	3,23	766,48	41566	73,79	42,05	364,49	47,53
230/50	0,500	2,97	705,01	44193	79,67	28,04	261,98	37,09
230/50	0,375	2,75	654,63	46787	85,54	16,54	165,50	25,17
230/50	0,250	2,57	610,69	49220	91,03	7,73	82,60	13,50
230/50	0,000	2,38	566,22	51845	95,88	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]	=	900	±	30
	Srednja moč / Mean power:	P_{mmin} [W]	≥	700		
**	Podtlak / Vacuum:	p_{max} [in H ₂ O]	=	95,9	±	4,8
**	Pretok pri ϕ 1,968 / Air Flow at ϕ 1,968:	$Q_{\phi 1.968}$ [CFM]	=	97	±	5
	Zračna moč / Air Power:	P_{2max} [W]	=	400	±	20
	Izkoristek / Efficiency:	η_{1max} [%]	=	49	±	2
	Masa / Mass:	m [kg]	=	1,12		



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			Pregledal / Verified	19.04.2017	B. Benedičič	Koda / Code KA 463.3.270-64	
B2	12932	19.04.2017	G. Lahajnar	 Otoki 21, 4228 Železniki, Slovenija			List / Sheet 5
A0	12591	22.09.2016	G. Lahajnar				Stran / Page 2
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