

Karakteristika sesalne enote po IEC 62885 - 2:2021, alternativa B Vacuum Cleaner Motor Performance in Accordance with IEC 62885 - 2:2021, alternative B

Oznake / Marking	Napetost / Voltage: 240 [V]	Nazivna moč / Nominal power: 1900 [W]
	Frekvencija / Frequency: 50 [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]	[%]
240/50	50	8,19	1967,92	23369	1,98	66,90	132,27	6,72
240/50	40	8,16	1961,40	23388	4,44	63,82	283,65	14,46
240/50	30	8,14	1954,09	23426	10,42	54,14	564,02	28,86
240/50	23	7,98	1915,32	23685	17,64	40,65	717,26	37,45
240/50	19	7,57	1821,65	24412	21,46	30,32	650,71	35,72
240/50	16	7,11	1714,30	25292	24,05	22,65	544,72	31,78
240/50	13	6,61	1599,29	26393	26,39	15,62	412,21	25,77
240/50	10	6,05	1470,84	27785	28,60	9,62	275,02	18,70
240/50	6,5	5,54	1351,79	29282	30,08	4,21	126,64	9,37
240/50	0	5,10	1250,04	30744	32,29	0,00	0,00	0,00

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

Mejne vrednosti / Guaranteed values

Maksimalna moč / Maximal power:	P_{1max} [W]	=	1950	±	100
Srednja moč / Mean power:	P_{mmin} [W]	≥	1530		
Podtlak / Vacuum:	p_{max} [kPa]	=	32,3	±	1,6
Pretok pri ϕ 50 / Air Flow at ϕ 50:	$Q_{\phi 50}$ [dm ³ / s]	=	67	±	3
Zračna moč / Air Power:	P_{2max} [W]	=	720	±	40
Izkoristek / Efficiency:	η_{max} [%]	=	37	±	2
Masa / Mass:	m [kg]	=	2,63		



				Datum / Date	Ime / Name	Naziv / Title				
			Izdelal / Designed	15.04.2025	M. Tavčar	KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE				
			Pregledal / Verified	15.04.2025	D. Rodič					
			DOMEL [®]			Koda / Code		KA 491.3.726		List / Sheet 5
A0		15.04.2025				M. Tavčar				
Ozn. / Mark	Št. Obr. / Notice Nr.	Datum / Date	Ime / Name	Otoki 21, 4228 Železniki, Slovenija						

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: 240 [V] Nazivna moč / Nominal power: 1900 [W]
Frekvenca / Frequency: 50 [Hz]

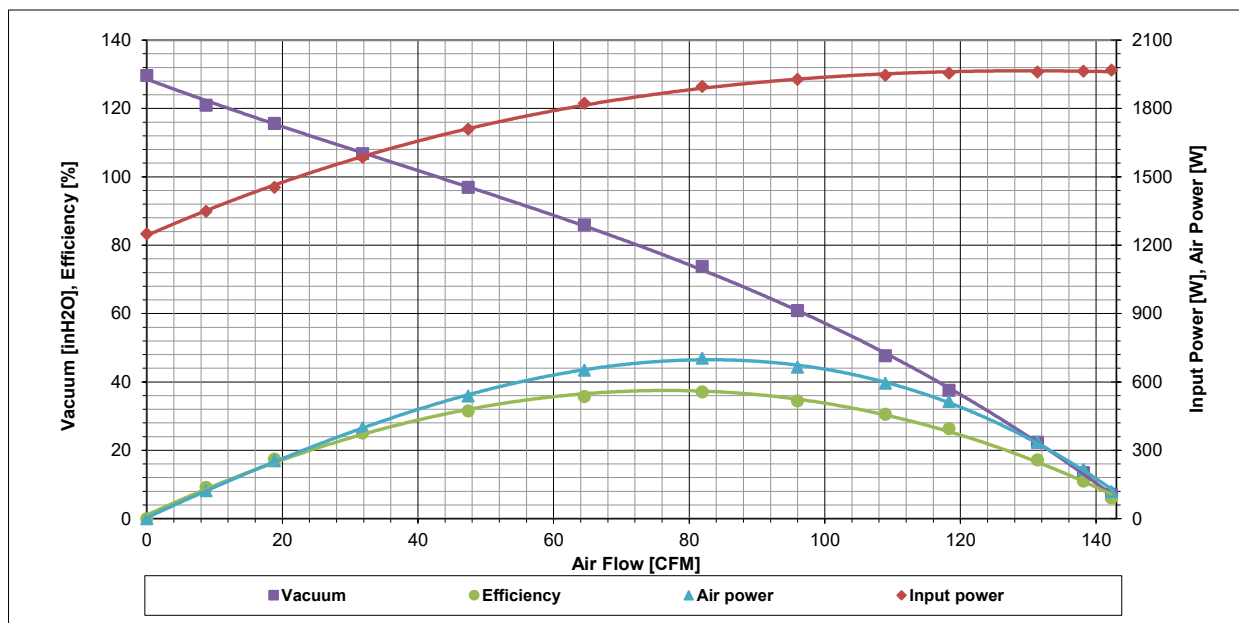
Note for units conversion: 1 inH₂O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 - 1 with use of spline interpolation.

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]	[%]
240/50	2,000	8,19	1968,44	23368	7,16	142,27	120,16	6,10
240/50	1,750	8,17	1964,30	23379	13,43	138,13	216,29	11,02
240/50	1,500	8,15	1960,01	23395	22,38	131,34	336,92	17,20
240/50	1,250	8,15	1955,37	23420	37,62	118,31	514,95	26,34
240/50	1,125	8,11	1946,20	23479	47,72	108,90	595,21	30,61
240/50	1,000	8,04	1928,61	23596	60,88	95,94	664,72	34,51
240/50	0,875	7,90	1897,17	23826	73,79	81,90	704,37	37,11
240/50	0,750	7,58	1822,82	24403	85,96	64,53	651,54	35,74
240/50	0,625	7,09	1709,51	25338	96,93	47,37	539,20	31,53
240/50	0,500	6,55	1586,45	26532	106,85	31,82	398,49	25,07
240/50	0,375	5,98	1454,68	27988	115,64	18,82	254,89	17,43
240/50	0,250	5,53	1349,44	29316	120,98	8,71	123,72	9,15
240/50	0,000	5,10	1250,04	30744	129,62	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] = 1950 ± 100
 Srednja moč / Mean power: P_{min} [W] ≥ 1530
 Podtlak / Vacuum: P_{max} [in H₂O] = 129,6 ± 6,5
 Pretok pri ϕ 1,968 / Air Flow at ϕ 1,968: $Q_{\phi 1,968}$ [CFM] = 142 ± 7
 Zračna moč / Air Power: P_{2max} [W] = 720 ± 40
 Izkoristek / Efficiency: η_{max} [%] = 37 ± 2
 Masa / Mass: m [kg] = 2,63



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				Otoki 21, 4228 Železniki, Slovenija			KA 491.3.726
A0		15.04.2025	M. Tavčar				List / Sheet 5
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