

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

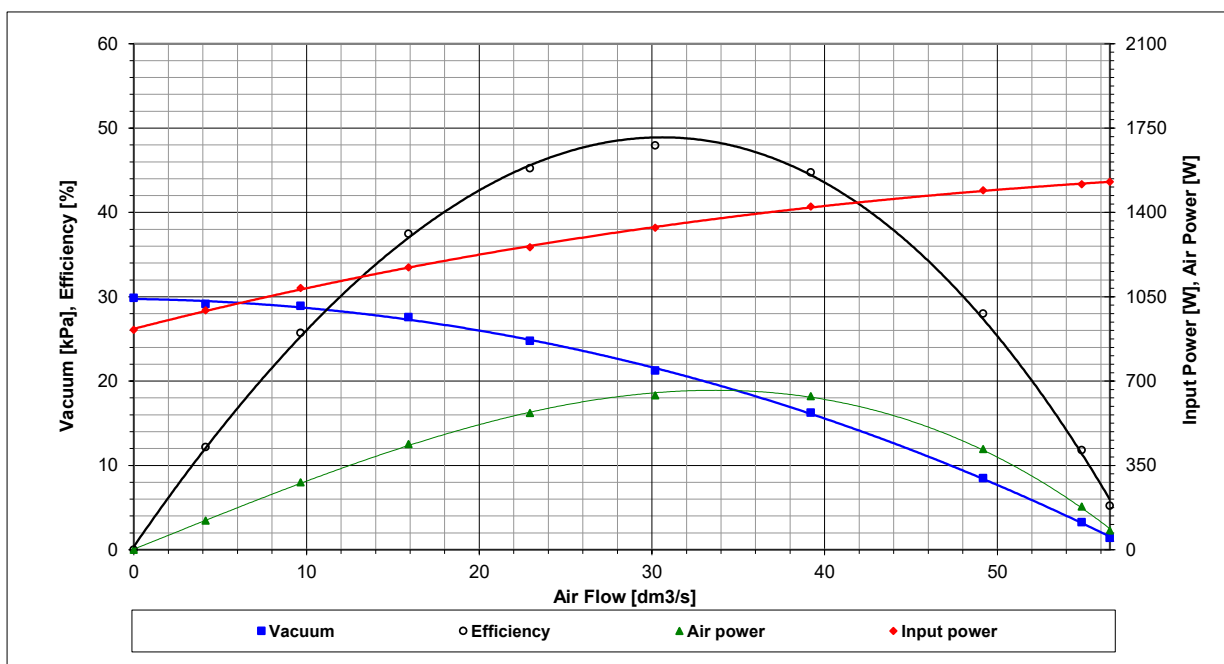
<b>Oznake / Marking</b>	
Napetost / Voltage: 240 [V]	Nazivna moč / Nominal power: 1450 [W]
Frekvenca / Frekvency: 50 [Hz]	

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 <sup>3</sup> /s]	[W]	[%]
240/50	50	6.46	1527.17	40536	1.41	56.52	79.49	5.20
240/50	40	6.42	1517.10	40683	3.26	54.88	179.14	11.81
240/50	30	6.31	1492.13	41102	8.50	49.17	417.89	28.01
240/50	23	6.02	1424.83	42277	16.27	39.20	637.68	44.75
240/50	19	5.64	1336.16	43837	21.23	30.18	640.81	47.96
240/50	16	5.28	1254.96	45599	24.76	22.93	567.81	45.24
240/50	13	4.92	1171.50	47716	27.59	15.91	438.99	37.47
240/50	10	4.56	1086.01	50334	28.92	9.66	279.40	25.73
240/50	6.5	4.16	993.36	53616	29.14	4.15	121.06	12.19
240/50	0	3.82	912.83	57005	29.86	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]	=	1550	±	80
Srednja moč / Mean power:	$P_{mmin}$ [W]	≥	1160		
Podtlak / Vacuum:	$p_{max}$ [kPa]	=	29.9	±	1.5
Pretek pri $\phi$ 50 / Air Flow at $\phi$ 50:	$Q_{\phi 50}$ [dm <sup>3</sup> /s]	=	57	±	3
Zračna moč / Air Power:	$P_{2max}$ [W]	=	640	±	30
Izkoristek / Efficiency:	$\eta_{max}$ [%]	=	48	±	2
Masa / Mass:	m [kg]	=	1.19		



				datum	ime	naziv <b>KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE</b>	
				izdelal	G. Lahajnar		
				pregledal	B. Benedičič	koda <b>KA 463.3.409-8</b>	
				<b>DOMEL®</b>			
A0	10436	21/09/2012	G. Lahajnar	Otoki 21, 4228 Železniki, Slovenija		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: 240 [V] Nazivna moč / Nominal power: 1450 [W]  
 Frekvenca / Frequency: 50 [Hz]

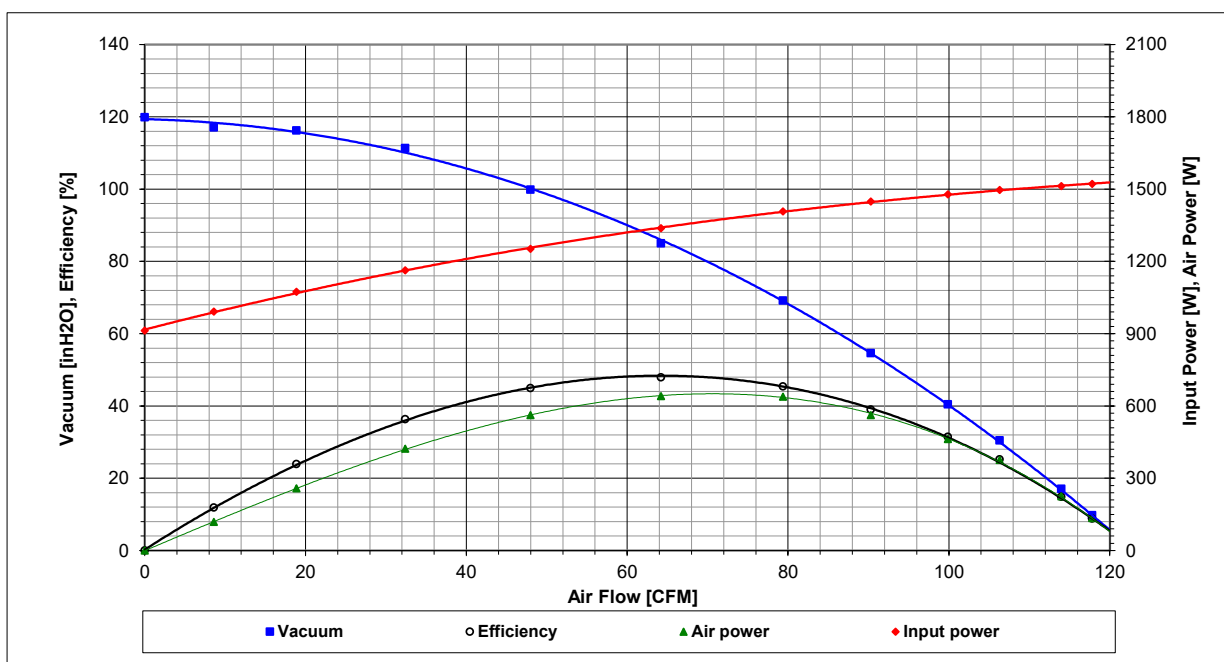
Note for units conversion: 1 inH<sub>2</sub>O = 0.2490889 kPa, 1 CFM = 0.4719474 l/s, 1 in = 25.4 mm (NIST Special Publication 811,1995). Calculated to ASTM F588-03 orifice diameters from measured data according to IEC 60312 with use of spline interpolation.

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 <sub>2</sub> O]	[CFM]	[W]	[%]
240/50	2.000	6.46	1527.98	40524	5.05	120.03	71.52	4.68
240/50	1.750	6.44	1521.58	40618	9.79	117.83	134.80	8.87
240/50	1.500	6.40	1512.36	40762	17.10	113.99	224.50	14.89
240/50	1.250	6.33	1496.50	41028	30.44	106.31	376.11	25.17
240/50	1.125	6.25	1478.43	41341	40.47	99.89	462.63	31.42
240/50	1.000	6.12	1447.91	41874	54.62	90.30	562.32	39.01
240/50	0.875	5.95	1407.65	42579	69.17	79.35	638.29	45.37
240/50	0.750	5.64	1337.26	43818	84.98	64.19	640.78	47.92
240/50	0.625	5.27	1251.48	45687	99.87	47.97	562.45	44.92
240/50	0.500	4.89	1162.95	47978	111.31	32.39	423.03	36.30
240/50	0.375	4.50	1073.44	50780	116.23	18.89	257.91	23.89
240/50	0.250	4.15	991.50	53694	117.03	8.60	118.26	11.91
240/50	0.000	3.82	912.83	57005	119.87	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] = 1550 ± 80  
 Srednja moč / Mean power:  $P_{mmin}$  [W] ≥ 1160  
 Podtlak / Vacuum:  $p_{max}$  [inH<sub>2</sub>O] = 119.9 ± 6.0  
 Pretok pri  $\phi$  1,968 / Air Flow at  $\phi$  1,968:  $Q_{\phi 1.968}$  [CFM] = 121 ± 6  
 Zračna moč / Air Power:  $P_{2max}$  [W] = 640 ± 30  
 Izkoristek / Efficiency:  $\eta_{max}$  [%] = 48 ± 2  
 Masa / Mass:  $m$  [kg] = 1.19



				datum	ime	naziv KARAKTERISTIKA SESALNE ENOTE VACUUM CLEANER MOTOR PERFORMANCE	
			izdelal	21/09/2012	G. Lahajnar		
			pregledal	21/09/2012	B. Benedičič		
			<b>DOMEL®</b>			koda	list 5
							<b>KA 463.3.409-8</b>
A0	10436	21/09/2012	G. Lahajnar	Otoki 21, 4228 Železniki, Slovenija		pripadnost	
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