

Domel d.o.o. Otoki 21
4228 Železniki, Slovenia

Tested in accordance with IEC 60312-1:2010+A1:2011, alternative B

CALCULATED FROM METRIC TO IMPERIAL UNITS & ASTM ORIFICE

Code	463.3.605-14
Voltage (V)	120V
Frequency (Hz)	60Hz
Customer	Les Industries
Working Order Number	1049219
Request Number	341032021
Number	No.3
Test Date&Time	13.04.2021 14:37:27
Vacuum Cleaner	
Stator Winding	
Armature Winding	
Brushes	
Weight	1280
Remarks	ID:80895
Source Results File	C:\Datoteke_laboratorij\Meritve_test\463\341032021 VCMP 463.3.605-14 No.3_13.04.2021_14.37.27 1049219.tdms

Ambient temperature [°C]= 24,43 Humidity [%]= 29,01 Absolute pressure [inH2O]= 387,6 Warmup time [min]= 8 Tout [°C]= 50,45

Quantities: Input Power, Speed, Vacuum, Air Flow, Air Power and Efficiency calculated according to IEC 60312-1.

Orifice (in)	Current (A)	Input Power (W)	Speed (RPM)	Vacuum (inH2O)	Air Flow (CFM)	Air Power (W)	Efficiency (%)
2,0	15,26	1846,04	41069	5,40	122,42	77,92	4,21
1,8	15,15	1832,41	41155	9,62	121,45	136,41	7,48
1,5	15,07	1821,89	41296	16,35	118,40	229,08	12,54
1,2	14,91	1804,35	41592	30,25	110,71	395,02	21,85
1,1	14,73	1782,78	41848	42,22	104,19	516,71	29,02
1,0	14,45	1750,13	42299	57,36	94,97	640,32	36,63
0,9	14,09	1708,65	43167	73,55	81,86	707,68	41,41
0,8	13,35	1623,14	44431	89,75	65,75	693,77	42,74
0,6	12,60	1536,17	46504	106,65	49,29	618,02	40,23
0,5	11,80	1442,73	48839	118,57	33,10	461,18	31,97
0,4	10,87	1332,94	51534	125,56	19,19	283,72	21,26
0,2	9,90	1216,76	54014	125,64	8,68	128,05	10,54
0,0	9,26	1132,85	56134	128,71	0,00	0,00	0,00

Normal operation according to IEC 60335-2-2 (measured values):

Pf (W)= 1797,9

Pi (W)= 1082,7

Pm (W)= 1440,3

Last Minute Comment:

Measured by:
Miha Tavčar

At orifice 0 measured after 5 seconds

Maximum values:

Input power= 1846,04 W Air power= 707,68 W Vacuum= 128,71 inH2O Air flow= 122,42 CFM Efficiency= 42,74 %

