



BLOWER/COMPRESSOR PERFORMANCE

Domel d.d.
4228 Železniki, Slovenia

Tested in accordance with IEC 60312, alternative B
CALCULATED FROM METRIC TO IMPERIAL UNITS & ASTM ORIFICE

Code	497.3.265-326
Voltage (V)	230 VAC
Frequency (Hz)	50 Hz
Customer	VCP / GRAINGER
Working Order Number	252201
Request Number	30-2010_Vzorec_
Number	No.3
Test Date&Time	26.03.2010 13:50:44
Vacuum Cleaner	1 stopenjska / 43mm
Stator Winding	120/0,4
Rotor	
Controler	
Weight	
Remarks	Zamenjava turbine
Source Results File	M:\ECM\Merjenje_karakteristik\Vzorci 2010\30-2010_Vzorec_VCMP497.3.265-326No.3_26.03.2010_13.50.44252201.tdms

Ambient temperature [°C]= Absolute pressure [inH2O]= Warmup time [min]= Tout [°C]=

Orifice (in)	Current I1 (A)	Input Power (W)	Speed (RPMx1000)	Vacuum (inH2O)	Air Flow (CFM)	Air Power (W)	Efficiency (%)
2,000	4,4	443,0	16,832	3,0	92,3	33,3	7,5
1,750	4,4	441,1	16,841	5,0	89,6	54,7	12,4
1,500	4,3	437,5	16,889	7,8	83,6	79,8	18,2
1,250	4,3	427,3	17,033	12,2	72,3	107,9	25,2
1,125	4,2	416,6	17,165	15,1	65,0	120,2	28,9
1,000	4,1	399,7	17,359	18,4	56,7	128,0	32,0
0,875	3,8	374,3	17,646	21,9	47,3	127,3	34,0
0,750	3,6	348,3	17,979	24,5	36,8	110,9	31,8
0,625	3,3	315,7	18,163	25,8	26,3	83,5	26,4
0,500	3,1	293,4	18,605	27,9	17,5	60,0	20,4
0,375	3,0	274,8	19,027	29,6	10,2	36,9	13,4
0,250	2,8	261,6	19,372	30,9	4,7	17,8	6,8
0,000	2,7	247,0	19,861	32,6	0,0	0,0	0,0

Normal operation according to IEC 60355-2-2:

Pf (W) =
 Pi (W) =
 Pm (W) =

Last Minute Comment:

At orifice measured after seconds

Maximum values: Input power = W Air power = W Vacuum = inH2O Air flow = CFM Efficiency = %

