

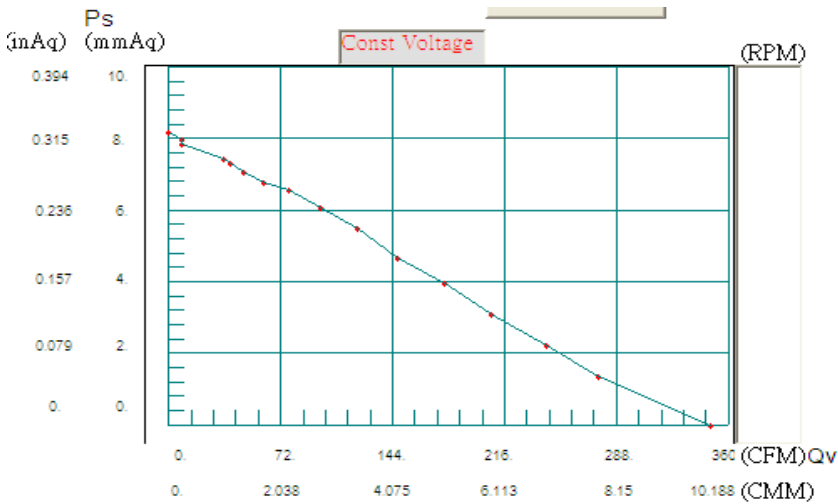
# Fan Vent Test Report

(with grid assembled CFM testing)

Customer: The Source Direct  
 Fan Mode: Fan Vent  
 Testing Method: Constant Voltage  
 Testing Voltage: -0.1V  
 Barometric Pressure(mmHg): 759.2  
 Max Ps: 8.186(mmaq)

Test Date: 2016. 4. 22  
 System Setup: Inlet Chamber Based on AMCA-210-92  
 Testing Voltage: 110V/60HZ  
 Testing Engineer: JL  
 Relative Humidity(%): 50.7  
 Max Flow Rate: 344.709(CFM)

No.	CFM	CMM	mmAq	inAq	A	RPM	Watt
1	0.00	0.00	8.19	0.322	0	0	0
2	7.70	0.22	7.98	0.314	81.919	0	8.19
3	8.51	0.24	7.86	0.309	81.919	0	-8.19
4	35.03	0.99	7.44	0.293	81.919	0	-49.15
5	39.07	1.11	7.32	0.288	81.919	-14	49.15
6	47.56	1.35	7.07	0.278	81.919	0	0
7	60.48	1.71	6.78	0.267	81.919	-14	0
8	76.61	2.17	6.57	0.259	81.919	0	24.58
9	96.55	2.73	6.08	0.239	81.919	0	-24.58
10	120.27	3.40	5.50	0.216	81.919	-14	-65.54
11	145.75	4.12	4.67	0.184	81.919	-14	0
12	175.77	4.97	3.97	0.156	81.919	-14	40.96
13	205.72	5.82	3.10	0.122	81.919	-14	0
14	240.77	6.81	2.23	0.088	0	0	0
15	273.93	7.75	1.36	0.054	0	-14	0
16	344.71	9.76	0.00	0	81.919	0	-40.96





### CFM With Grid Assembled Fan Vent Test Result:

1, Test Voltage: 110V/60HZ,

A: Motor operation starting: Output Watt: 99.3W/0.936A

B: Motor operation regular: Output Watt: 68.9W/1.101A

2, New Grid/metal mesh Assembled With Frame On Fan Vent.

3, CFM: 344.71