



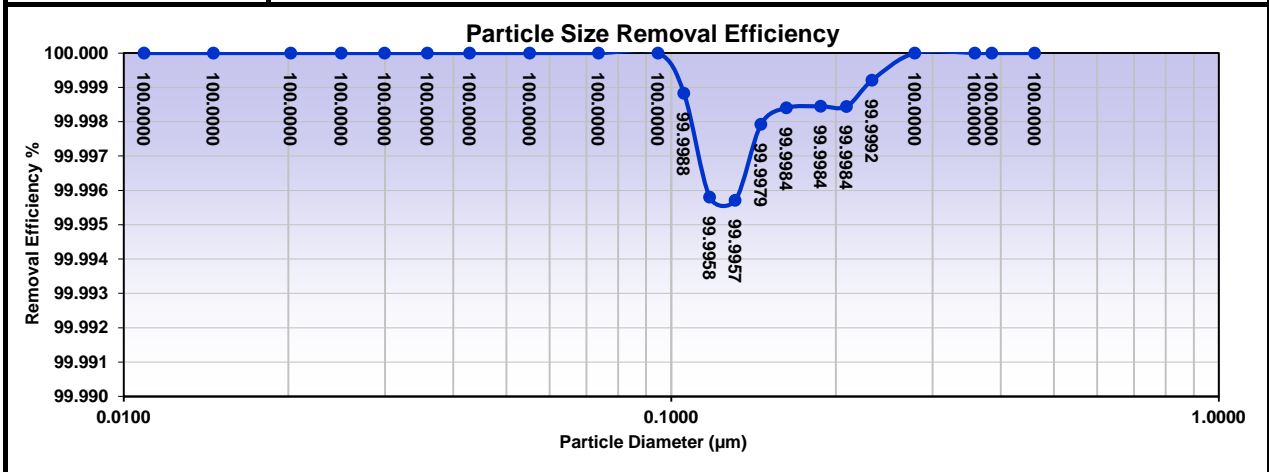
2820 S. English Station Road - Louisville, KY 40299  
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 6-Oct-15 TEST NO. 15-1540

## EN-1822-3:2009 Flat Sheet Media Test Report

Efficiency / MPPS / Resistance

<b>Media Information</b>	Manufacturer: JP AIR TECH Part Number / Media Identification: JX265 PTFE MEMBRANE Nominal Dimensions: 8.0" x 10.0" Media Type: PTFE MEMBRANE	
<b>Test Conditions</b>	Test Air Flow Rate (FPM): 4 Challenge Aerosol: DEHS Particle Measurement Equipment: TSI 3080 Classifier / TSI 3772 Counter Test Air Temperature (°F): 72 Relative Humidity (%): 49.2 Barometric Pressure (Inches Hg): 29.49	
<b>Test Results</b>	Initial Resistance ("WG): 0.760 MPPS Determination (µm): 0.1310 Efficiency at MPPS (%): 99.99571 Projected Rating (Min.Integral for H15=99.9995%): H14	



<b>Media Resistance</b>	<b>Air Flow vs Resistance</b>																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Air Flow (FPM)</th> <th>Resistance (in WG)</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>0.320</td></tr> <tr><td>2.00</td><td>0.480</td></tr> <tr><td>3.00</td><td>0.620</td></tr> <tr style="background-color: #e0e0e0;"><td>4.00</td><td>0.760</td></tr> <tr><td>5.00</td><td>0.900</td></tr> <tr><td>6.00</td><td>1.040</td></tr> </tbody> </table> <p style="margin-left: 20px;">Test Flow Rate</p>	Air Flow (FPM)	Resistance (in WG)	1.00	0.320	2.00	0.480	3.00	0.620	4.00	0.760	5.00	0.900	6.00	1.040	<table border="1"> <caption>Air Flow vs Resistance Data</caption> <thead> <tr> <th>Airflow Rate (FPM)</th> <th>Resistance (in WG)</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>0.320</td></tr> <tr><td>2.00</td><td>0.480</td></tr> <tr><td>3.00</td><td>0.620</td></tr> <tr><td>4.00</td><td>0.760</td></tr> <tr><td>5.00</td><td>0.900</td></tr> <tr><td>6.00</td><td>1.040</td></tr> </tbody> </table>	Airflow Rate (FPM)	Resistance (in WG)	1.00	0.320	2.00	0.480	3.00	0.620	4.00	0.760	5.00	0.900	6.00	1.040
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<b>Comments</b>			
<b>Requester Information</b>	Test Requestor: Joergen Poulsen Company Name: JP AIR TECH Company Address: NARVIKVEJ 7 4900 NAKSOKOV-DENMARK	Phone: (452)-124-1390 Email: <a href="mailto:JP@JPAIRTECH.com">JP@JPAIRTECH.com</a> Date Requested: 10/2/2015	Test Performed by: Tyler Shoulders Completion Date: 10/6/2015

**Blue Heaven Technologies**

2820 S. ENGLISH STATION ROAD - LOUISVILLE, KY 40299  
 Tel: (502) 357-0132

**EN 1822**  
**Test Report**

Test No. 15-1540  
 Date: 06-Oct-15

**Data - Initial Resistance**

Airflow (FPM)	Resistance (in WG)	
1.00	0.32	
2.00	0.48	
3.00	0.62	
4.00	0.76	
5.00	0.90	
6.00	1.04	

**Data - Particle Removal Efficiency**

Particle Size Range (µm)	MPPS	Particle Removal Efficiency	
		(µm)	(%)
10.90		0.0109	100.0000
14.60		0.0146	100.0000
20.20		0.0202	100.0000
25.00		0.0250	100.0000
30.00		0.0300	100.0000
35.90		0.0359	100.0000
42.90		0.0429	100.0000
55.20		0.0552	100.0000
73.70		0.0737	100.0000
94.70		0.0947	100.0000
105.50		0.1055	99.9988
117.60		0.1176	99.9958
131.00	MPPS	0.1310	99.9957
145.90		0.1459	99.9979
162.50		0.1625	99.9984
187.70		0.1877	99.9984
209.10		0.2091	99.9984
232.90		0.2329	99.9992
278.80		0.2788	100.0000
358.70		0.3587	100.0000
385.40		0.3854	100.0000
461.40		0.4614	100.0000