

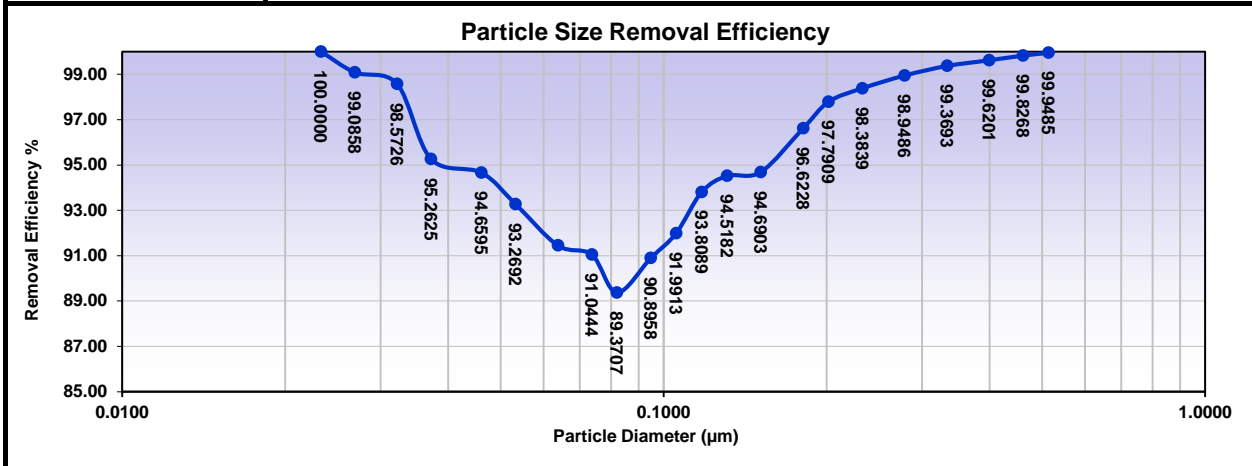


2820 S. English Station Road - Louisville, KY 40299  
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 15-Nov-16 TEST NO. 16-1877

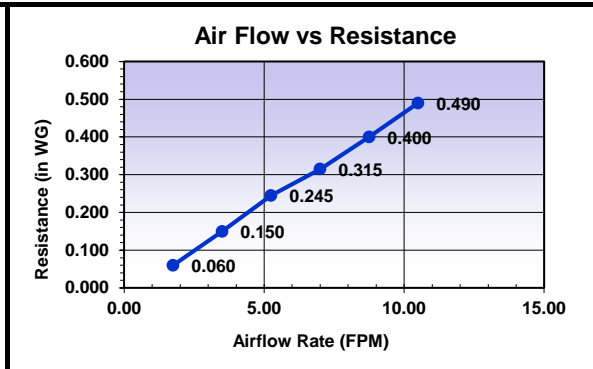
## EN-1822-3:2009 Test Report Efficiency / MPPS / Resistance

<b>Media Information</b>	Manufacturer: JP Air Tech Part Number / Media Identification: JX254-B-PTFE-Membrane Nominal Dimensions: A4 Media Type: 100%BOCO Polyester + Thermal Bonded PTFE	
<b>Test Conditions</b>	Test Air Flow Rate (FPM): 7 Challenge Aerosol: DEHS Particle Measurement Equipment: TSI 3080 Classifier / TSI 3772 Counter Test Air Temperature (°F): 74.4 Relative Humidity (%): 33.5 Barometric Pressure (Inches Hg): 29.28	
<b>Test Results</b>	Initial Resistance ("WG): 0.315 MPPS Determination (µm): 0.0820 Efficiency at MPPS (%): 89.3707 Projected Rating (Min.Integral for E11=95%): E10	



### Media Resistance

	Air Flow (FPM)	Resistance (in WG)
	1.75	0.060
	3.50	0.150
	5.25	0.245
Test Flow Rate	7.00	0.315
	8.75	0.400
	10.50	0.490



**Comments**

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<b>Requester Information</b>	Test Requestor: Mads Bojda	Phone: +45 5495 0025
	Company Name: JP Air Tech	Email: <a href="mailto:mb@jpairtech.com">mb@jpairtech.com</a>
	Company Address: Narvikvej 7, 4900 Nakskov, Denmark	Date Requested: 11/8/2016
	Test Performed by: Glen D. Toloczko CAFS	Completion Date: 11/17/2016

**Blue Heaven Technologies**

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

**EN 1822  
 Test Report**

Test No. 16-1877  
 Date: 15-Nov-16

**Data - Initial Resistance**

Airflow (FPM)	Resistance (in WG)
1.75	0.060
3.50	0.150
5.25	0.245
7.00	0.315
8.75	0.400
10.50	0.490

**Data - Particle Removal Efficiency**

Particle Size Range (µm)	MPPS	Particle Removal Efficiency	
		(µm)	(%)
23.30		0.0233	100.0000
26.90		0.0269	99.0858
32.20		0.0322	98.5726
37.20		0.0372	95.2625
46.10		0.0461	94.6595
53.30		0.0533	93.2692
63.80		0.0638	91.4485
73.70		0.0737	91.0444
82.00	MPPS	0.0820	89.3707
94.70		0.0947	90.8958
105.50		0.1055	91.9913
117.60		0.1176	93.8089
131.00		0.1310	94.5182
151.20		0.1512	94.6903
181.10		0.1811	96.6228
201.70		0.2017	97.7909
232.90		0.2329	98.3839
278.80		0.2788	98.9486
333.80		0.3338	99.3693
399.50		0.3995	99.6201
461.40		0.4614	99.8268
514.00		0.5140	99.9485