



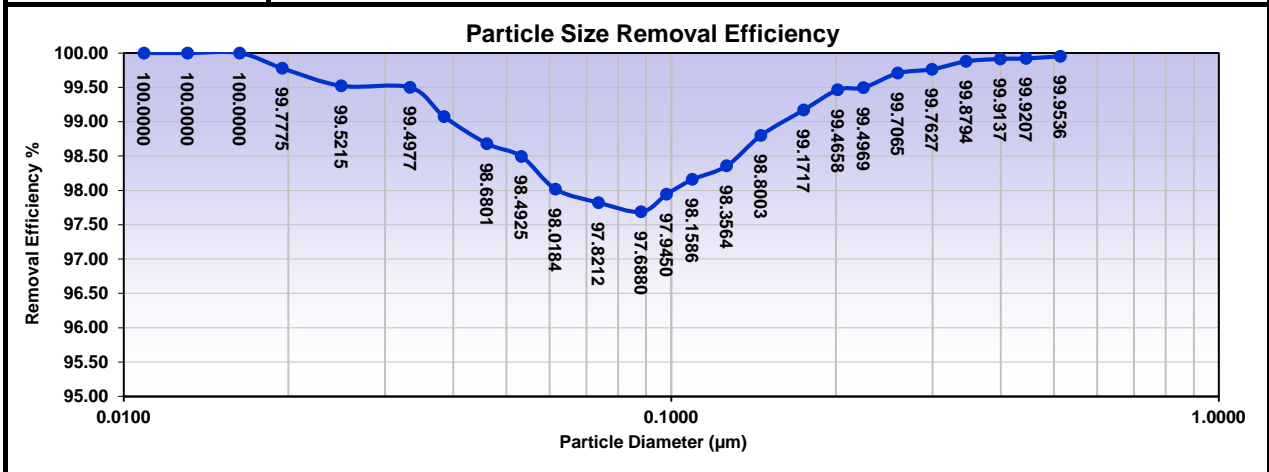
2820 S. English Station Road - Louisville, KY 40299  
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 9-May-16 TEST NO. 16-0784

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

Efficiency / MPPS / Resistance

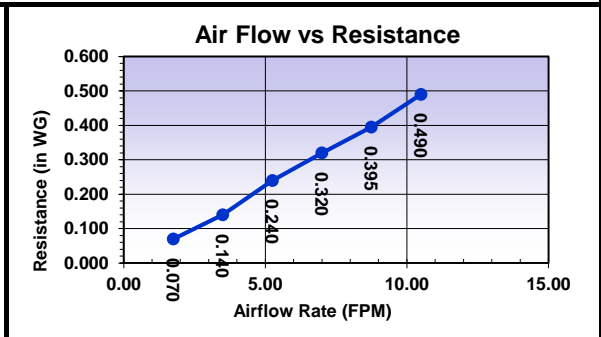
<b>Media Information</b>	Manufacturer: JP Air Tech Part Number / Media Identification: JPX255-B-C PTFE Membrane Nominal Dimensions: 15" X 15" Media Type: Flat Sheet PTFE Media
<b>Test Conditions</b>	Test Air Flow Rate (FPM): 7 Challenge Aerosol: DEHS Particle Measurement Equipment: TSI 3080 Classifier / TSI 3772 Counter Test Air Temperature (°F): 68.6 Relative Humidity (%): 45.7 Barometric Pressure (Inches Hg): 29.17
<b>Test Results</b>	Initial Resistance ("WG): 0.320 MPPS Determination (µm): 0.0882 Efficiency at MPPS (%): 97.6880 Projected Rating (Min.Integral for E-12≥99.5%): E11



**Media Resistance**

Air Flow (FPM)	Resistance (in WG)
1.75	0.070
3.50	0.140
5.25	0.240
7.00	0.320
8.75	0.395
10.50	0.490

Test Flow Rate: 7.00 FPM



<b>Comments</b>	<hr/> <hr/> <hr/>		
<b>Requester Information</b>	Test Requestor: Jørgen Poulsen Company Name: JP Air Tech Company Address: Narvikvej 7, DK-4900 Nakskov, Denmark	Phone: +45 5495 0025 Email: <a href="mailto:jp@jpairtech.com">jp@jpairtech.com</a> Date Requested: 4/25/2016	Test Performed by: Glen D. Toloczko CAFS Completion Date: 5/9/2016

# Blue Heaven Technologies

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

EN 1822  
Test Report

Test No. 16-0784  
Date: 09-May-16

## Data - Initial Resistance

Airflow (FPM)	Resistance (in WG)	
1.75	0.070	
3.50	0.140	
5.25	0.240	
7.00	0.320	
8.75	0.395	
10.50	0.490	

## Data - Particle Removal Efficiency

Particle Size Range (µm)	MPPS	Particle Removal Efficiency	
		(µm)	(%)
10.90		0.0109	100.0000
13.10		0.0131	100.0000
16.30		0.0163	100.0000
19.50		0.0195	99.7775
25.00		0.0250	99.5215
33.40		0.0334	99.4977
38.50		0.0385	99.0737
46.10		0.0461	98.6801
53.30		0.0533	98.4925
61.50		0.0615	98.0184
73.70		0.0737	97.8212
88.20	MPPS	0.0882	97.6880
98.20		0.0982	97.9450
109.40		0.1094	98.1586
126.30		0.1263	98.3564
145.90		0.1459	98.8003
174.70		0.1747	99.1717
201.70		0.2017	99.4658
224.70		0.2247	99.4969
259.50		0.2595	99.7065
299.60		0.2996	99.7627
346.00		0.3460	99.8794
399.50		0.3995	99.9137
445.10		0.4451	99.9207
514.00		0.5140	99.9536