



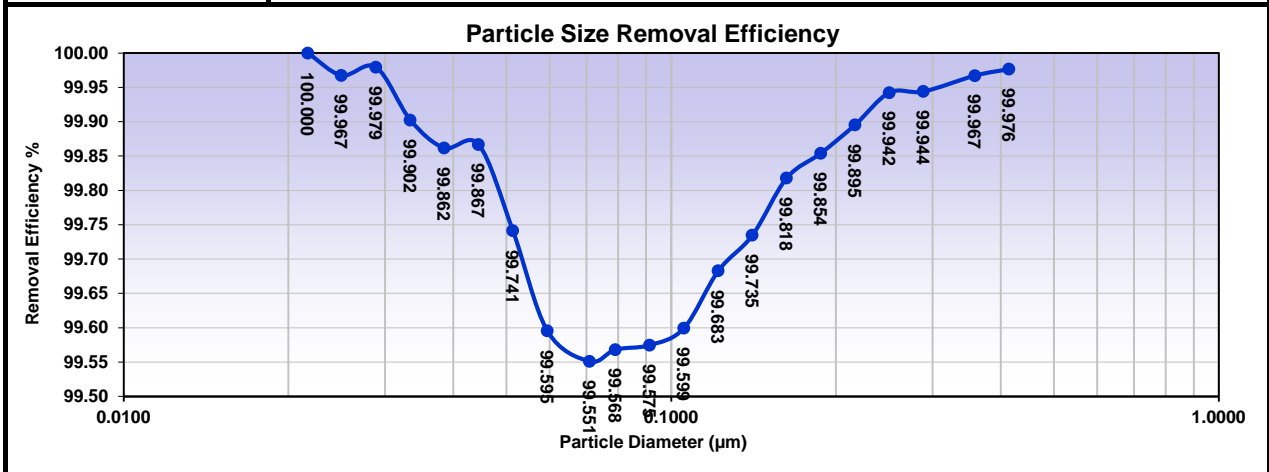
2820 S. English Station Road - Louisville, KY 40299
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 3-Feb-17 TEST NO. 17-053-6

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

Efficiency / MPPS / Resistance

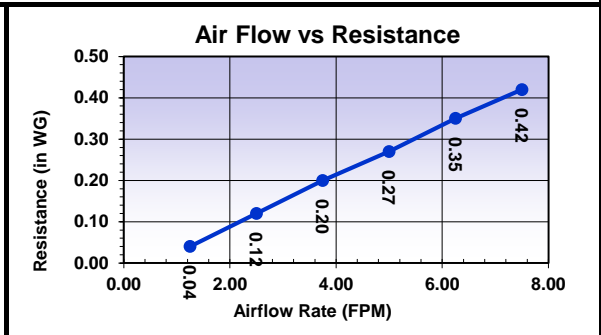
Media Information	Manufacturer Part Number / Media Identification Nominal Dimensions Media Type	JP Air Tech JX256-B-PTFE Membrane 16" X 16" (1.0ft ² Tested) 100% BICO Polyester + PTFE Membrane
Test Conditions	Test Air Flow Rate (FPM) Challenge Aerosol Particle Measurement Equipment Test Air Temperature (°F) Relative Humidity (%) Barometric Pressure (Inches Hg)	5 DEHS TSI 3080 Classifier / TSI 3772 CNC Counter 70 35 29.42
Test Results	Initial Resistance ("WG) MPPS Determination (µm) Efficiency at MPPS (%) Projected Rating (Min.Integral for E12=99.5%)	0.27 0.0710 99.551 E12



Media Resistance

Air Flow (FPM)	Resistance (in WG)
1.25	0.040
2.50	0.120
3.75	0.200
5.00	0.270
6.25	0.350
7.50	0.420

Test Flow Rate



Comments			
Requester Information	Test Requestor: Mads Bojda Company Name: JP Air Tech Company Address: Narvikvej 7; DK-4900 Nakskov, Denmark	Phone: +45 2124 1390 Email: mb@jpairtech.com Date Requested: 1/18/2017	Test Performed by: Glen D. Toloczko CAFS Completion Date: 2/3/2017

Blue Heaven Technologies

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EN 1822
Test Report

Test No. 17-053-6
 Date: 03-Feb-17

Data - Initial Resistance

Airflow (FPM)	Resistance (in WG)	
1.25	0.04	
2.50	0.12	
3.75	0.20	
5.00	0.27	
6.25	0.35	
7.50	0.42	

Data - Particle Removal Efficiency

Particle Size Range (nm)	MPPS	Particle Removal Efficiency	
		(μm)	(%)
21.70		0.0217	100.000
25.00		0.0250	99.967
28.90		0.0289	99.979
33.40		0.0334	99.902
38.50		0.0385	99.862
44.50		0.0445	99.867
51.40		0.0514	99.741
59.40		0.0594	99.595
71.00	MPPS	0.0710	99.551
79.10		0.0791	99.568
91.40		0.0914	99.575
105.50		0.1055	99.599
121.90		0.1219	99.683
140.70		0.1407	99.735
162.50		0.1625	99.818
187.70		0.1877	99.854
216.70		0.2167	99.895
250.30		0.2503	99.942
289.00		0.2890	99.944
358.70		0.3587	99.967
414.20		0.4142	99.976