



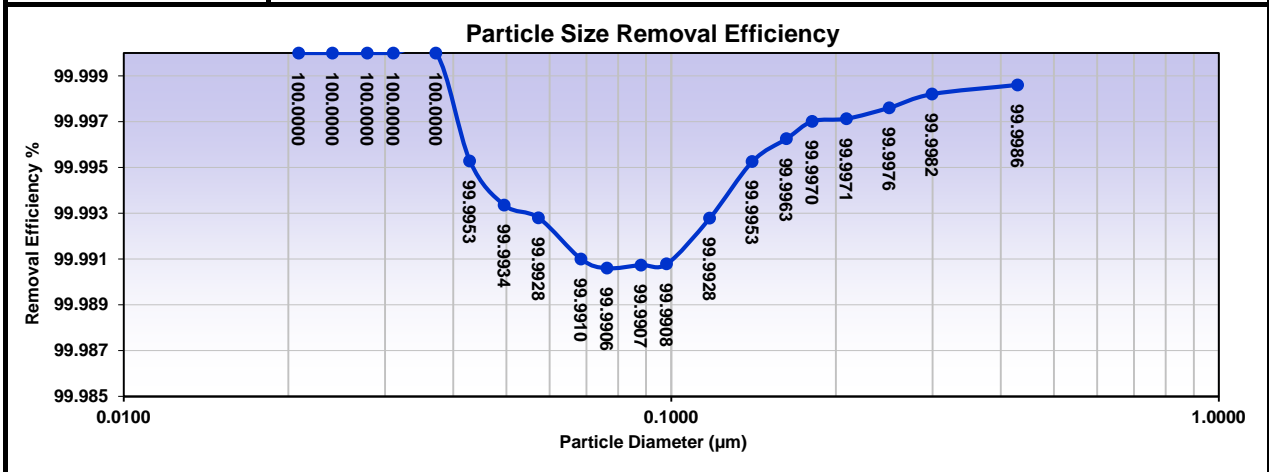
2820 S. English Station Road - Louisville, KY 40299
 Phone: (502) 357-0132 - Website: www.blueheaventech.com

Date: 3-Feb-17 TEST NO. 17-053-4

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

Efficiency / MPPS / Resistance

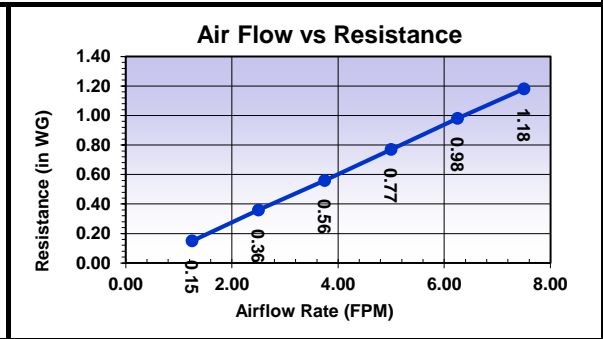
Media Information	Manufacturer Part Number / Media Identification Nominal Dimensions Media Type	JP Air Tech JX135-B-PTFE Membrane 16" X 16" (1.0ft ² Tested) 100% BICO Polyester + PTFE Membrane
Test Conditions	Test Air Flow Rate (FPM) Challenge Aerosol Particle Measurement Equipment Test Air Temperature (°F) Relative Humidity (%) Barometric Pressure (Inches Hg)	5 DEHS TSI 3080 Classifier / TSI 3772 CNC Counter 68 38 29.58
Test Results	Initial Resistance ("WG) MPPS Determination (µm) Efficiency at MPPS (%) Projected Rating (Min.Integral for H14=99.995%)	0.77 0.0764 99.9906 H13



Media Resistance

Air Flow (FPM)	Resistance (in WG)
1.25	0.150
2.50	0.360
3.75	0.560
5.00	0.770
6.25	0.980
7.50	1.180

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

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

EN 1822
Test Report

Test No. 17-053-4
 Date: 03-Feb-17

Data - Initial Resistance

Airflow (FPM)	Resistance (in WG)	
1.25	0.15	
2.50	0.36	
3.75	0.56	
5.00	0.77	
6.25	0.98	
7.50	1.18	

Data - Particle Removal Efficiency

Particle Size Range (nm)	MPPS	Particle Removal Efficiency	
		(μm)	(%)
20.90		0.0209	100.0000
24.10		0.0241	100.0000
27.90		0.0279	100.0000
31.10		0.0311	100.0000
37.20		0.0372	100.0000
42.90		0.0429	99.9953
49.60		0.0496	99.9934
57.30		0.0573	99.9928
68.50		0.0685	99.9910
76.40	MPPS	0.0764	99.9906
88.20		0.0882	99.9907
98.20		0.0982	99.9908
117.60		0.1176	99.9928
140.70		0.1407	99.9953
162.50		0.1625	99.9963
181.10		0.1811	99.9970
209.10		0.2091	99.9971
250.30		0.2503	99.9976
299.60		0.2996	99.9982
429.40		0.4294	99.9986